



CREATING PROPERTY SWAP APP



WAG™

Web App Generator™

Democratizing Application Development™



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Overview

With WAG™ everyone can create custom mobile and web apps and run them for large scale audiences – free of charge.

The types of apps that can be created with WAG™ include: Consumer, Business, Government (including GovCloud), Healthcare, Education, Non-Profits and many other verticals.

An app that takes several programmers one year to develop, takes a few days to create using WAG™ - without requiring programming experience.

WAG™ is unlike any other product on the market. WAG™ empowers people to do things that they just can't do today. We call this *democratizing application development™*.

Create your app once - and it runs on all the major desktop browsers and all the major mobile devices as a native app on, just the way Facebook can be accessed via a web browser and via a native mobile app.



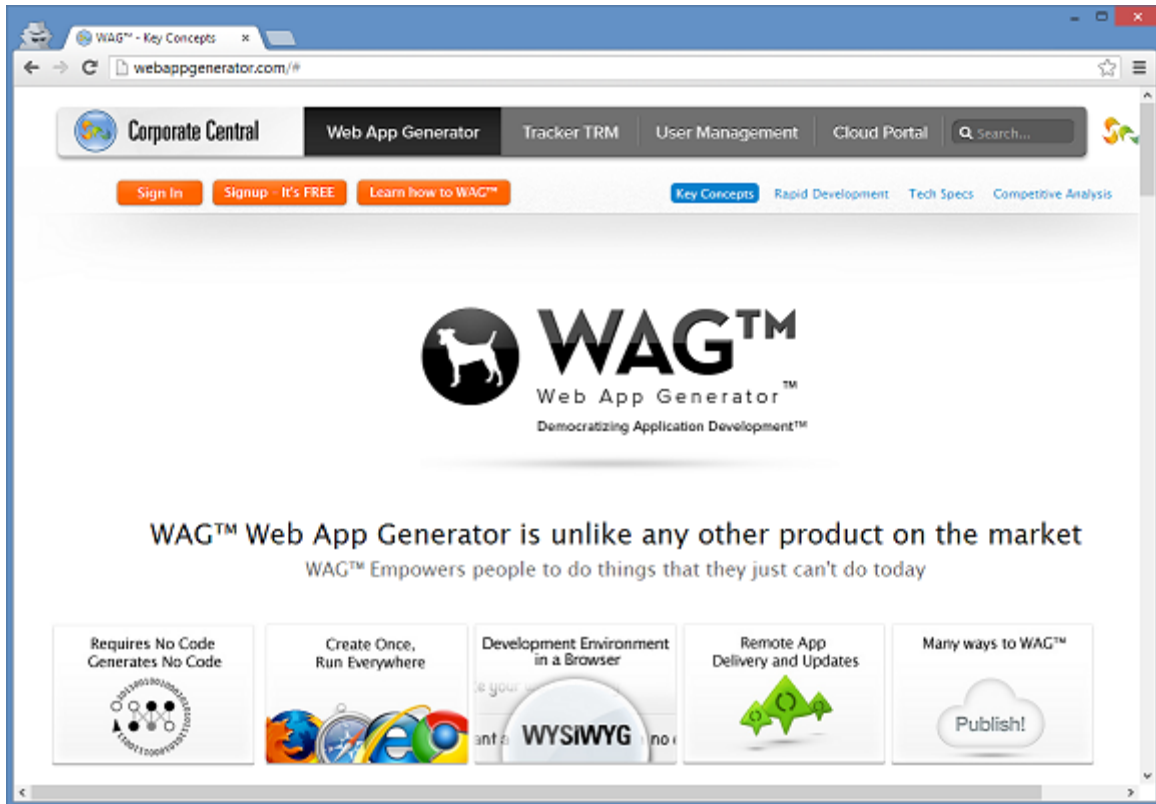


Objective

In this tutorial, we'll be creating a housing exchange app. Property Swap is great for those who don't want to spend money on a small hotel, and would rather swap their property with someone else's for free.

To create this app, you should have an account on WebAppGenerator.com, and then you can use this tutorial to create the app. You can also visit our YouTube channel at <http://www.youtube.com/WebAppGenerator> for the accompanying video tutorial.

During app creation, you'll learn how to create tabs, fields, section, forms, columns in the forms, views for the forms, adding onClick button events, and also how to control visibility for different fields.



Step 1. Getting Started With WAG™

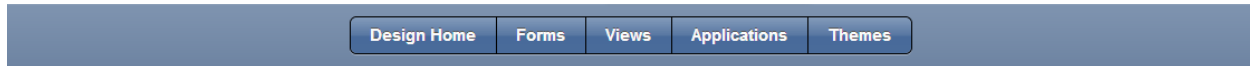
❖ Create an Account

1. Go to www.WebAppGenerator.com.
2. Click the **Signup—It's FREE** button.
3. Fill out the form with your info and click **Signup**.
4. Check your email account. You should receive an email message with a link to activate your subscription (if you don't see the email, check your Spam folder).

Once you've activated your subscription, return to WebAppGenerator.com and click **Sign In**.



❖ Create Application Named Property Swap



Create a New Application

Applications

Test Connection

Application

1. Click Create a New Application

Application Information

Application Name:	<input type="text" value="Property Swap"/>	Name of the application
Application Description:	<input type="text"/>	Description of the Application (Optional)
Application Theme:	<input type="text" value="iOS Inspired (Global)"/>	Theme of the application.
Mobile Theme:	<input type="text" value="Oceania"/>	Theme of the application on Mobile Device.
Private:	<input type="checkbox"/>	Private Application will not be displayed in Application List.
Email Address for Testing:	<input type="text"/>	All Email Actions will be sent to the comma delimited email ac

Choose Application Design Template

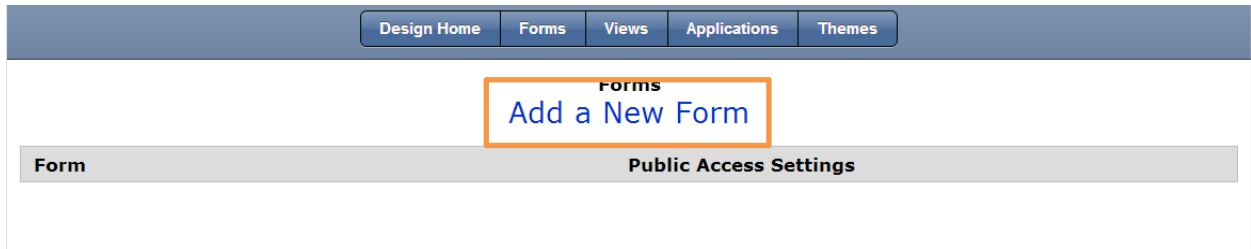
No Design Template Select a WAG™ Application to use as my Design Template

Allow design changes: If Checked, changes will be allowed to the application design

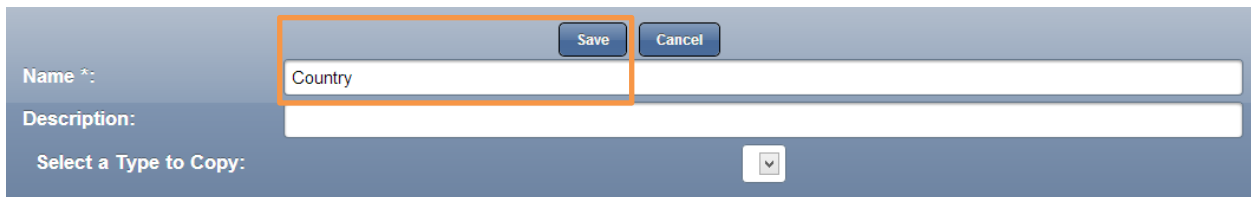
2. Type Property Swap in Application Name
3. Choose a Mobile Theme (optional)
4. Click Create Application



❖ Create a New Form Named Country



1. Click Add a New From



1. Click in Name
2. Type Country
3. Click Save



❖ Add a Text Field Named Country

The screenshot displays the WAG software interface for configuring a form. At the top, there is a header bar with the text "Country: Show Advanced Options", "Description:", "Unique Keys:", "Buttons Visibility:", and "Default Mode: Read Mode". Below this are buttons for "Delete Form" and "Close".

The main workspace shows a form titled "Country" with a "Text" field. To the right, a "Field - Text" configuration panel is open, showing various settings for the field. A "Toolbox" is also visible, listing various field types such as Button, Calendar Date, Combo Box, Date, List, Memo, Number, Query List, Record ID, Text, UNITE Names, and Yes/No. The "Text" field type is selected in the toolbox.

The configuration panel includes the following fields and options:

- Field Name: Text
- Field Type: Text
- Theme: -Default-
- Input Mask: N
- User Mode Help: A
- Field Size: 20
- Options: Required, Show Scanner, Calculated, Visibility Control, Editability/Enabled, User Input Validation, Set Default Value
- Display Order: 0
- Location: Tab: Country, Section: Country
- Buttons: Save, Reset, Delete

- ✓ Drag and drop a Text Field from the Toolbox into the form



❖ Name the Text Field

The screenshot displays the WAG software interface for configuring a form field. At the top, there is a header bar with the text 'Country: Show Advanced Options'. Below this, there are sections for 'Description:', 'Unique Keys:', 'Buttons Visibility:', and 'Default Mode: Read Mode'. There are buttons for 'Delete Form' and 'Close'. A 'Country' button is visible below the header. The main form area shows a 'Country' field with a 'Text' input box. The 'Toolbox' is open, showing a list of field types: Button, Calendar Date, Combo Box, Date, List, Memo, Number, Query List, Record ID, Text, UNIT Names, and Yes/No. The 'Text' field type is highlighted in yellow. The 'Field - Text' properties box is open, showing the following settings: Field Name: Country, Field Type: Text, Theme: -Default-, Input Mask: None, User Mode Help: Add, Field Size: 200, Required: , Show Scanner: , Calculated: , Visibility Control: , Editability/Enable Control: , User Input Validation: , Set Default Value: , Display Order: 0. The 'Location' field is empty. There are 'Save', 'Reset', and 'Delete' buttons at the bottom of the properties box.

1. In the Properties Box click into the Field Name
2. Type Country
3. Check Required
4. Click Save



❖ Create a View Named Countries

Form	Public Access Settings
Country	None

1. Click on Views

View Name	Default View	View Fields	Field Order in View
-----------	--------------	-------------	---------------------

2. Click Add a New View



❖ Name the View

Design Home Forms Views Applications Themes

Save Cancel

View Name:

View Type:

Form:

Extra Information Show Form Show Created By Show Created Date Show Last Updated By Show Last Updated Date Show Available Actions

Default View:

Field Name	Show in View	Searchable	Default Search
Country			
Country			
Country			
Country	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>

1. In the view name type Countries
2. Check Country under Show in View, Searchable, and Default Search
3. Click Save



❖ Adding Countries in User Mode

New Country | New | Views | Export | Applications | Design

Search by Country Go Advanced Search

Country ▲

View Application on: Mobile | Classic

1. Click User Mode
2. Click New Country

New Country

Save Cancel

Country

Country

United States

1. Click in Country Field
2. Type Country Name
3. Click Save
4. Repeat for each Country
5. Click Save after each time



❖ Add Form Named Property Ad

Form	Public Access Settings
Country	None

1. Click Add a New Form

Name *: Property Ad

Description:

Select a Type to Copy:

2. In the Name type Property Ad
3. Click Save



❖ Changing Tab Name to Location of the Property

Property Ad: *Show Advanced Options*

Description:

Unique Keys: Buttons Visibility: Default Mode: Read Mode

Delete Form Close

Property Ad

Property Ad

Property Ad

Click here to Add Fields

Tab - Property Ad

Edit Add

Tab Name Location of the Property

Display Order 0

Columns Theme -Default-

Allow Users to Click On Tab

Formula Builder ?

true

Visibility Control

Editability/Enable Control

Save Reset Delete

1. Click on Property Ad Tab
2. In the Properties box click in Tab Name
3. Type Location of the Property
4. Click Save



❖ Adding a Combo Box Named Country

The screenshot displays the WAG software interface. At the top, there is a header bar with the text "Property Ad: Show Advanced Options". Below this, there are fields for "Description:", "Unique Keys:", "Buttons Visibility:", and "Default Mode: Read Mode". There are two buttons: "Delete Form" and "Close".

The main area is divided into two sections. On the left, there is a "Location of the Property" section with a "Property Ad" tab. Below the tab, there is a "Combo Box" field. On the right, there is a "Field - Add Field" dialog box. The dialog box has tabs for "Edit" and "Add". Under the "Add" tab, there are sub-tabs: "Add Tab", "Add Column", "Add Section", and "Add Field". The "Add Field" sub-tab is selected. The "Field Name" field is empty. The "Field Type" dropdown is set to "Combo Box". A "Toolbox" is open, showing a list of field types: "Button", "Calendar Date", "Combo Box", "Date", "List", "Memo", "Number", "Query List", "Record ID", "Text", "UNITE Names", and "Yes/No". The "Combo Box" field type is highlighted. There are "Add" and "Cancel" buttons at the bottom of the dialog box.

- ✓ Drag and drop a Combo Box from the Toolbox into the form



❖ Configure the Combo Box

The screenshot displays the WAG software interface for configuring a form. At the top, there is a header bar with the text "Property Ad: Show Advanced Options". Below this, there are fields for "Description:", "Unique Keys:", "Buttons Visibility:", and "Default Mode: Read Mode". A "Toolbox" dropdown menu is visible on the right. Below the header, there are "Delete Form" and "Close" buttons. A "Location of the Property" button is also present. The main area shows a "Property Ad" form with a "Combo Box" field highlighted. To the right, a "Field - Add Field" dialog box is open, showing the configuration for a new field. The "Field Name" is "country", "Field Type" is "Combo Box", and "Required" is checked. Other options include "Show Scanner", "Visibility Control", and "Editability/Enable Control". The "Max Rows" is set to 20. The "System" is "Property Swap", "Form" is "Country", "View(Optional)" is "Countries", and "Display Column" is "- Search Field -". A table below the dialog shows the field configuration:

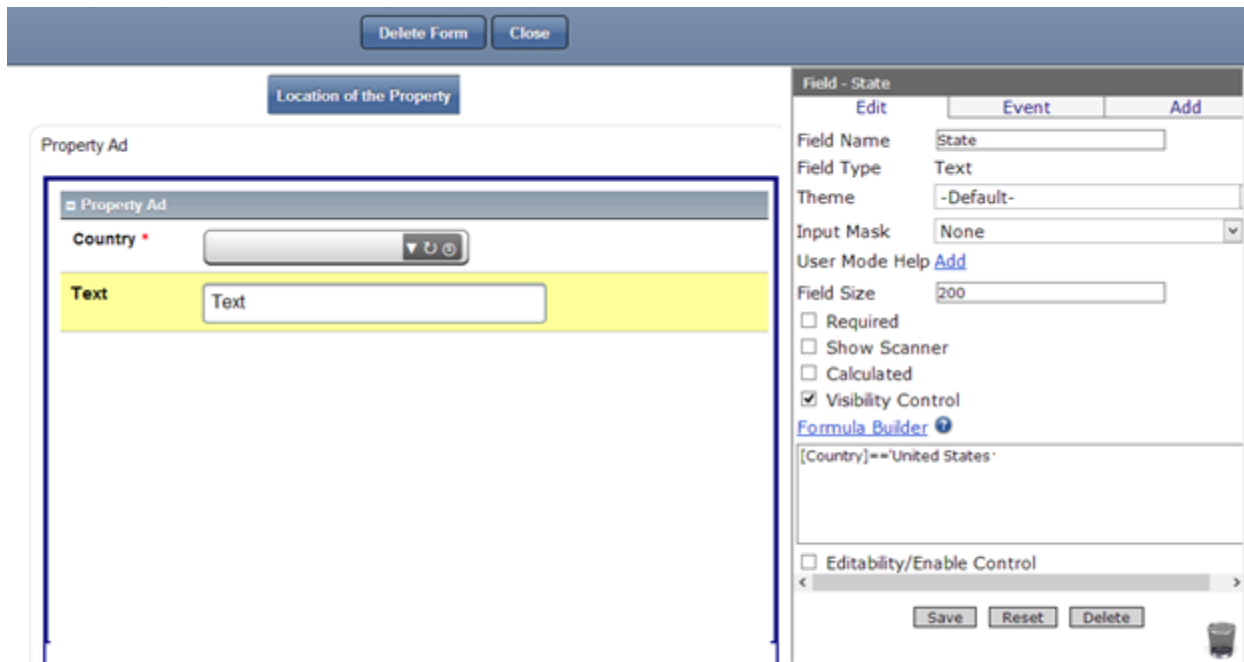
Field	Search Field	Display Order
<input checked="" type="checkbox"/> Country	<input checked="" type="radio"/>	1

Buttons for "Add" and "Cancel" are at the bottom of the dialog. A "Set display order" link is also visible.

1. In the Properties box click into the Field Name and type Country
2. Check Required
 - System: Property Swap
 - Form: Country
3. Check Country under Field, Search field and put 1 in the Display Order
4. Click Add



❖ Add a Text Field Named State



- ✓ Drag and drop a Text Field from the Toolbox into the form
 1. In the Properties box click into the Field Name
 2. Type State
 3. Check Visibility Control, and create formula
[Country]=='United States'
 4. Click Save

Formula: `[Country]=='United States'` means that the State field is visible when the Country Combo Box displays United States.



❖ **Adding Text Field Named City, Memo Field Named Location Descriptions, Number field Named Price for Renting, and a Record ID field named Property ID**

Property Ad

Property Ad	
Country *	<input type="text"/>
State	<input type="text"/>
City	<input type="text"/>
Location Description	<input type="text"/>
Price for Renting	<input type="text"/>
Property ID	<input type="text"/>

Drag and drop fields from the Toolbox into the form

1. In the Properties box click in Field Name and type: City, Location Description, Price for Renting, Property ID for each field separately
2. Save after naming each field separately



❖ Add New Tab Named Property Owner Information

The screenshot displays the WAG software interface for configuring a property ad. At the top, there is a header bar with the text "Property Ad: Show Advanced Options". Below this, there are fields for "Description:", "Unique Keys:", "Buttons Visibility:", and "Default Mode: Read Mode". There are two buttons: "Delete Form" and "Close".

The main content area is divided into two sections. On the left, there is a tab labeled "Location of the Property" with a sub-tab "tab". Below this, there is a text area containing "tab Column 1" and a link "Click Here to add sections".

On the right, there is a configuration panel for the "Tab - tab". It has "Edit" and "Add" buttons. The configuration includes: "Tab Name" (tab), "Display Order" (1), "Columns Theme" (-Default-), and a checked box for "Allow Users to Click on Tab". There is a "Formula Builder" link. Below this, there are checkboxes for "Visibility Control" and "Editability/Er...". A "Toolbox" is open, showing a tree structure with "Tabs/Columns" expanded, containing "Tab" and "Column", and "Sections" and "Fields" collapsed. At the bottom of the configuration panel, there are "Save", "Reset", and "Delete" buttons, along with a trash icon.

- ✓ Drag and drop a new Tab from the Toolbox next to the Location of the Property Tab



❖ Name the Tab

Property Ad: *Show Advanced Options*

Description:

Unique Keys: Buttons Visibility: Default Mode: Read Mode

Delete Form Close

Location of the Property tab

tab Column 1

[Click Here to add sections](#)

Tab - Property Owner Information

Edit Add

Tab Name Property Owner Information

Display Order 1

Columns Theme -Default-

Allow Users to Click On Tab


[Formula Builder](#)

true

Visibility Control

Editability/Enable Control

Save Reset Delete



1. In the Properties box click in the Tab Name
2. Type Property Owner Information
3. Click Save



❖ Name the Column

Property Ad: *Show Advanced Options*

Description: **Toolbox**

Unique Keys: **Buttons Visibility:** **Default Mode: Read Mode**

Delete Form **Close**

Location of the Property **Property Owner Information**

tab Column 1

[Click Here to add sections](#)

Column - tab Column 1

Edit **Add**

Column Name

Column Width % or px

Display Order ▾

Visibility Control

Editability/Enable Control

Location:

Tab ▾

Save **Reset** **Delete**

1. Click on the Column 1 Tab
2. In the Properties box click in Column Name
3. Type Property Owner Information
4. Click Save



❖ Create Standard Section Named Property Owner Information

Property Ad: *Show Advanced Options*

Description:

Unique Keys: Buttons Visibility: Default Mode: Read Mode

Delete Form Close

Location of the Property Property Owner Information

Property Owner Information

Standard

[Click here to Add Fields](#)

Section - Standard

Edit Add

Section Name Standard

Display Order 0

Theme -Default-

Section Type

User Mode Help

Show in Print

Visibility Control

Editability/Enabled

Location:

Tab

Column

Toolbox

- ▼ Tabs/Columns
- ▲ Sections
 - Standard
 - Matching
 - Document Management
 - Fixed HTML
 - Rich Text - Enhanced
 - DataGrid - Subform
 - Discussion
 - DataGrid - Internal Storage
 - DataGrid - SQL Read-Only
 - Chart
- ▼ Fields

Save Reset Delete

- ✓ Drag and drop a Standard Section from the Toolbox into the form



❖ Name the Section

Property Ad: [Show Advanced Options](#)

Description:

Unique Keys: Buttons Visibility: Default Mode: Read Mode Toolbox ▼

Delete Form Close

Location of the Property Property Owner Information

Property Owner Information

Standard
[Click here to Add Fields](#)

Section - Standard

Edit Add

Section Name

Display Order

Theme

Section Type

User Mode Help [Add](#)

Show in Print Preview
 Visibility Control
 Editability/Enable Control

Location:

Tab

Column

Save Reset Delete

1. In the Properties box click in the Section Name
2. Type Property Owner Information
3. Click Save



❖ Add a Text Field Titled Name

Property Ad: *Show Advanced Options* **Toolbox**

Description:
Unique Keys: Buttons Visibility: Default Mode: Read Mode
Delete Form Close

Location of the Property **Property Owner Information**

Property Owner Information

Text Text

Field - Text

Edit	Event	Add
Field Name	Name	
Field Type	Text	
Theme	-Default-	
Input Mask	None	
User Mode Help	<a>Add	
Field Size	200	
<input type="checkbox"/> Required		
<input type="checkbox"/> Show Scanner		
<input type="checkbox"/> Calculated		
<input type="checkbox"/> Visibility Control		
<input type="checkbox"/> Editability/Enable Control		
<input type="checkbox"/> User Input Validation		
<input checked="" type="checkbox"/> Set Default Value		
<a>Formula Builder		
getLogonUserFullNameFirstLast()		
<a>Save	<a>Reset	<a>Delete

- ✓ Drag and drop a Text Field from the Toolbox into the form
 1. In the Properties box click in Field Name
 2. Type Name
 3. Check Set Default Value
 4. Insert formula:
getLogonUserFullNameFirstLast()
 5. Click Save

Formula, *getLogonUserFullNameFirstLast()* returns the logged on user's full name. In User Mode, instead of typing the name it will already be there.



❖ Add Text Fields: Phone Number and Property Owner Email

The screenshot displays the WAG software interface. At the top, there is a header bar with 'Property Ad: Show Advanced Options', 'Description:', 'Unique Keys:', 'Buttons Visibility:', and 'Default Mode: Read Mode'. Below this are 'Delete Form' and 'Close' buttons. A 'Toolbox' dropdown menu is visible on the right. The main workspace shows a form titled 'Property Owner Information' with three text fields: 'Name', 'Phone Number', and 'Text'. The 'Text' field is highlighted in yellow. To the right, the 'Field - Text' properties panel is open, showing the following settings:

- Field Name: Property Owner Email
- Field Type: Text
- Theme: -Default-
- Input Mask: None
- User Mode Help: Add
- Field Size: 200
- Required:
- Show Scanner:
- Calculated:
- Visibility Control:
- Editability/Enable Control:
- User Input Validation:
- Set Default Value:

The 'Formula Builder' section shows the formula `getLogonUserEmail()` entered in the text area. At the bottom of the properties panel are 'Save', 'Reset', and 'Delete' buttons.

- ✓ Drag and drop two Text Fields into the form from the Toolbox
 1. In the Properties box click in Field Name and type Phone Number and Property Owner Email
 2. In the second Text Field's Properties box check Set Default Value and choose the formula:
getLogonUserEmail()
 3. Click Save

Formula, *getLogonUserEmail()* returns the user's email.



❖ Add a Text Field Named Property Address

The screenshot displays the 'Property Ad' form editor interface. At the top, there are tabs for 'Location of the Property' and 'Property Owner Information'. The 'Property Owner Information' tab is selected, showing a form with fields for 'Name', 'Phone Number', 'Property Owner Email', and a new 'Text' field highlighted in yellow. To the right, the 'Field - Text' properties panel is open, showing the configuration for the 'Property Address' field. The 'Field Name' is 'Property Address', 'Field Type' is 'Text', 'Theme' is '-Default-', 'Input Mask' is 'None', 'Field Size' is '200', and 'Display Order' is '3'. The 'Location' is set to 'Property Owner Information' and the 'Tab' is also 'Property Owner Information'. There are 'Save', 'Reset', and 'Delete' buttons at the bottom of the properties panel.

✓ Drag and drop a Text Field from the Toolbox into the form

1. In the Properties box click in Field Name
2. Type Property Address
3. Click Save



❖ Add a Tab Named Property Description

The screenshot displays the WAG software interface. At the top, there is a header bar with the text "Property Ad: Show Advanced Options", "Description:", "Unique Keys:", "Buttons Visibility:", and "Default Mode: Read Mode". Below this are "Delete Form" and "Close" buttons. A "Toolbox" is open on the right, showing a tree view with "Tabs/Columns" expanded to show "Tab" and "Column" options. The main workspace is divided into two panes. The left pane, titled "tab", shows a "tab Column 1" and a link "Click Here to add sections". The right pane, titled "Tab - tab", has "Edit" and "Add" buttons. It contains a form with the following fields: "Tab Name" (text input with "Property Description"), "Display Order" (dropdown menu with "2"), "Columns Theme" (dropdown menu with "-Default-"), and a checked checkbox "Allow Users to Click On Tab". Below these is a "Formula Builder" link and a text area containing "true". At the bottom of the right pane are "Save", "Reset", and "Delete" buttons, along with a trash icon.

✓ Drag and drop a Tab from the Toolbox next to Property Owner Information Tab

1. In the Properties box click into the Tab Name
2. Type Property Description
3. Click Save



❖ Add Standard Section Named Property Description

Property Ad: *Show Advanced Options*

Description:

Unique Keys: Buttons Visibility: Default Mode: Read Mode

Delete Form Close

Location of the Property Property Owner Information Property Description Section - Standard

Edit Add

Section Name Property Description

Display Order 0

Theme -Default-

Section Type Standard

User Mode Help [Add](#)

Show in Print Preview

Visibility Control

Editability/Enable Control

Location:

Tab Property Description

Column Property Description

Save Reset Delete

Property Description

Standard

Click here to Add Fields

Toolbox

▼ Tabs/Columns

▲ Sections

Standard

Matching

Document Management

Fixed HTML

Rich Text - Enhanced

DataGrid - Subform

Discussion

DataGrid - Internal Storage

DataGrid - SQL Read-Only

Chart

▼ Fields

✓ Drag and drop a Standard Section from the Toolbox into the form

1. In the Properties box click in Section Name
2. Type Property Description
3. Click Save



❖ Add List Field Named Property Type

Property Ad: *Show Advanced Options*

Description:

Unique Keys: Buttons Visibility: Default Mode: Read Mode

Delete Form Close

Location of the Property Property Owner Information Property Description

Property Description

Property Description

List

Toolbox

- ▼ Tabs/Columns
- ▼ Sections
- ▲ Fields
 - Button
 - Calendar Date
 - Combo Box
 - Date
 - List
 - Memo
 - Number
 - Query List
 - Record ID
 - Text
 - UNITE Names
 - Yes/No

Field - List

Edit Event Add

Field Name: Property Type

Field Type: List

Theme: -Default-

User Mode Help [Add](#)

List Value	Remove
Apartment	Remove
Bungalow	Remove
Full Size House	Remove
Townhome	Remove
Ranch	Remove

Multiple Values

Required

Visibility Control

Editability/Enable Control

Set Default Value

Display Order: 0

Save Reset Delete

✓ Drag and drop a List Field from the Toolbox into the form

1. In the Properties box click in Field Name
2. Type Property Type
3. In the List Value type:
Apartment, Bungalow, Full Size House, Townhome, Ranch
4. Click Save



❖ Add List Field Named Bed/Bath

The screenshot shows the WAG software interface. At the top, there's a header with 'Property Ad: Show Advanced Options', 'Description:', 'Unique Keys:', 'Buttons Visibility:', and 'Default Mode: Read Mode'. Below this are 'Delete Form' and 'Close' buttons. A 'Toolbox' dropdown menu is visible. The main area is divided into three tabs: 'Location of the Property', 'Property Owner Information', and 'Property Description'. The 'Property Description' tab is active, showing a 'Property Description' box with a 'List' field highlighted in yellow. To the right, the 'Field - List' configuration panel is open, showing 'Field Name' as 'Bed/Bath', 'Field Type' as 'List', and 'Theme' as '-Default-'. Below this is a table of 'List Value' and 'Remove' buttons. The table contains the following entries:

List Value	Remove
1 bed/1 bath	Remove
2 bed/1 bath	Remove
2bed/2 bath	Remove
3 bed/1 bath	Remove
3 bed/2 bath	Remove
3 bed/3 bath	Remove
4 bed/2 bath	Remove
4 bed/3 bath	Remove
4 bed/4 bath	Remove
	Remove

Below the table are checkboxes for 'Multiple Values', 'Required', 'Visibility Control', and 'Disable/Enable Control'. At the bottom of the panel are 'Save', 'Reset', and 'Delete' buttons.

✓ Drag and drop a List Field from the Toolbox into the form

1. In the Properties box click in Field Name
2. Type Bed/Bath
3. In the List Value make a list as shown in the screen
4. Click Save



❖ Add List Field Named Accommodates

Property Ad: *Show Advanced Options*

Description: **Toolbox**

Unique Keys: Buttons Visibility: Default Mode: Read Mode

Delete Form Close

Location of the Property Property Owner Information **Property Description**

Property Description

Property Description

Property Type [Dropdown]

Bed/Bath [Dropdown]

List [Dropdown]

Field - List

Edit Event Add

Field Name Accommodates

Field Type List

Theme -Default-

User Mode Help [Add](#)

List Value	Remove
1-2	Remove
2-4	Remove
4-6	Remove
6-8	Remove
8-10	Remove
12-15	Remove
15 and more	Remove
	Remove

Multiple Values
 Required
 Visibility Control
 Editability/Enable Control
 Set Default Value

Save Reset Delete

✓ Drag and drop a List Field from the Toolbox into the form

1. In the Properties box click in Field Name
2. Type Accommodates
3. Type the List Values as shown on the screen
4. Click Save



❖ Add List Field Named Language We Speak

Property Ad: [Show Advanced Options](#)

Description:
Unique Keys: Buttons Visibility: Default Mode: Read Mode

[Delete Form](#) [Close](#)

Location of the Property | Property Owner Information | **Property Description** | Field - List

Property Description

Property Description

Property Type

Bed/Bath

Accommodates

List

Toolbox

- ▼ Tabs/Columns
- ▼ Sections
- ▲ Fields
 - Button
 - Calendar Date
 - Combo Box
 - Date
 - List
 - Memo
 - Number
 - Query List
 - Record ID
 - Text
 - UNITE Names
 - Yes/No

Field - List

Edit | Event | Add

Field Name:

Field Type: List

Theme:

User Mode Help [Add](#)

List Value	Remove
Arabic	Remove
English	Remove
Flemish	Remove
French	Remove
German	Remove
Hebrew	Remove
Italian	Remove
Japanese	Remove
Mandarin	Remove
Persian	Remove
Russian	Remove
Spanish	Remove
Swahili	Remove

Multiple Values
 Required
 Visibility Control
 Editability/Enable Control
 Set Default Value

[Save](#) [Reset](#) [Delete](#)

✓ Drag and drop a List Field from the Toolbox into the form

1. In the Properties box click in Field Name
2. Type Language We Speak
3. Type the List Values as shown on the screen
4. Click Save



❖ Add a Text Field Named Floor Area

The screenshot displays the WAG software interface. At the top, there is a header bar with 'Property Ad: Show Advanced Options', 'Description:', 'Unique Keys:', 'Buttons Visibility:', and 'Default Mode: Read Mode'. Below this are 'Delete Form' and 'Close' buttons. The main area has three tabs: 'Location of the Property', 'Property Owner Information', and 'Property Description'. The 'Property Description' tab is active, showing a form with fields for 'Property Type', 'Bed/Bath', 'Accommodates', 'Language We Speak', and 'Text'. The 'Text' field is highlighted in yellow. To the right, the 'Field - Text' configuration window is open, showing the 'Field Name' set to 'Floor Area', 'Field Type' set to 'Text', and a 'Toolbox' menu open with 'Text' selected. The 'Toolbox' menu lists various field types: Button, Calendar Date, Combo Box, Date, List, Memo, Number, Query List, Record ID, Text, UNITE Names, and Yes/No. The 'Field - Text' window also shows 'Input Mask', 'User Mode Help', 'Field Size', 'Display Order', and 'Location' settings. At the bottom of the 'Field - Text' window are 'Save', 'Reset', and 'Delete' buttons.

✓ Drag and drop a Text Field from the Toolbox into the form

1. In the Properties box click in Field Name
2. Type Floor Area
3. Click Save



❖ Create Yes/No Fields Named Furnished, Parking, Car Included, Internet, Cable TV, Grill, Microwave, Carpet

Property Ad: *Show Advanced Options*

Description:

Unique Keys: Buttons Visibility: Default Mode: Read Mode

Delete Form Close

Location of the Property Property Owner Information Property Description

Accommodates [Dropdown]

Language We Speak [Dropdown]

Floor Area [Text]

Furnished

Parking

Car Included

Internet

Cable TV

Grill

Microwave

Yes/No

Field - Add Field

Edit Add

Add Tab Add Column Add Section Add Field

Field Name: Carpet

Field Type: Text

Input Mask: None

Field Size: 200

Required

Show Scanner

Calculated

Visibility Control

Editability/Enable Co

Toolbox

▼ Tabs/Columns

▼ Sections

▲ Fields

Button

Calendar Date

Combo Box

Date

List

Memo

Number

Query List

Record ID

Text

UNITE Names

Yes/No

Add Cancel

✓ Drag and drop a Yes/No Field from the Toolbox into the form

1. In the Properties box click in Field Name and name each one separately: Furnished, Parking, Car Included, Internet, Cable TV, Grill, Microwave, Carpet
2. Click Save after each Yes/No Field



❖ Add a Text Field Named Preferred Destination

The screenshot shows a form editor interface. At the top, there are buttons for 'Delete Form' and 'Close'. Below this, there are three tabs: 'Location of the Property', 'Property Owner Information', and 'Property Description'. The 'Property Description' tab is active. The form contains several fields: 'Accommodates', 'Languages We Speak', 'Floor Area', 'Furnished', 'Parking', 'Car Included', 'Internet', 'Cable', 'Grill', 'Microwave', 'Carpet', and 'Text'. A 'Toolbox' is open over the 'Text' field, showing a list of field types: Button, Calendar Date, Combo Box, Date, List, Memo, Number, Query List, Record ID, Text, UNITE Names, and Yes/No. The 'Text' field is highlighted in yellow. On the right side, the 'Field - Text' properties panel is visible, showing settings for the 'Preferred Destination' field: Field Name (Preferred Destination), Field Type (Text), Theme (-Default-), Input Mask (None), User Mode Help (Add), Field Size (200), and various checkboxes for Required, Show Scanner, Calculated, Visibility Control, Editability/Enable Control, User Input Validation, and Set Default Value. The Display Order is set to 13. Below the properties panel, the 'Location' is set to 'Property Description' for both 'Tab' and 'Section'. At the bottom right, there are buttons for 'Save', 'Reset', and 'Delete'.

✓ Drag and drop a Text Field from the Toolbox into the form

1. In the Properties box click in Field Name
2. Type Preferred Destination
3. Click Save



❖ Add a Tab Named Property Overview

- ✓ Drag and drop a Tab from the Toolbox next to Property Description
- 1. In the Properties box click in Tab Name
- 2. Type Property Overview, and click Save
- 3. Make Column Width 50%, and click Save
- 4. Drag and drop a Standard Section and name it Property Overview
- 5. Click on Column and in the Properties Box in the Column Name type Property Overview (optional). Click Save.

Key Point: the Property Overview Tab will unite all the sections and fields from the other tabs and will return their values automatically.



❖ Add a Text Field Named Country:

The screenshot displays the WAG software interface. At the top, there's a header with 'Property Ad: Show Advanced Options'. Below it, there are sections for 'Description:', 'Unique Keys:', 'Buttons Visibility:', and 'Default Mode: Read Mode'. There are 'Delete Form' and 'Close' buttons. Below this, there are tabs for 'Location of the Property', 'Property Owner Information', 'Property Description', and 'Property Overview'. The 'Property Overview' tab is active, showing a 'Text' field. To the right, the 'Field - Text' configuration panel is open, showing the configuration for the 'Country' field. The 'Field Name' is 'Country:', 'Field Type' is 'Text', 'Theme' is '-Default-', 'Input Mask' is 'None', 'Field Size' is '200', 'User Mode Help' is 'Add', 'Required' is unchecked, 'Show Scanner' is unchecked, 'Calculated' is checked, 'Formula Builder' is open showing '[country]', 'Visibility Control' is unchecked, 'Editability/Enable' is unchecked, 'User Input Validation' is unchecked, 'Set Default Value' is unchecked, and 'Display Order' is '0'. There are 'Save', 'Reset', and 'Delete' buttons at the bottom of the configuration panel. A 'Toolbox' is also visible, showing various field types like Button, Calendar Date, Combo Box, Date, List, Memo, Number, Query List, Record ID, Text, UNITE Names, and Yes/No.

- ✓ Drag and drop a Text Field from the Toolbox next to Property Owner Information
- 1. In the Properties box click in Field Name
- 2. Type Country:
- 3. Check Calculated
- 4. In the Formula Builder choose [Country]
- 5. Click Save

Formula, [Country] will return the value from Location of the Property Tab's Country field. The following fields will be created similarly to return values from previous tabs.



❖ Add Texts Fields Named State:, City:, Location Description:, Price for Renting:, Property ID:

The screenshot displays the WAG software interface for designing a form. At the top, there's a header with 'Property Ad: Show Advanced Options', 'Description:', 'Unique Keys:', 'Buttons Visibility:', and 'Default Mode: Read Mode'. A 'Toolbox' dropdown is visible. Below the header, there are tabs for 'Location of the Property', 'Property Owner Information', 'Property Description', and 'Property Overview'. The 'Property Overview' tab is active, showing a form with five text input fields: 'Country:', 'State:', 'City:', 'Location Description:', and 'Property ID:'. The 'Property ID:' field is highlighted in yellow. To the right, a 'Field - Property ID:' configuration panel is open, showing settings for the selected field: Field Name (Property ID:), Field Type (Text), Theme (-Default-), Input Mask (None), User Mode Help (Add), Field Size (200), and various control options like Required, Show Scanner, Calculated (checked), and Formula Builder. The Formula Builder contains the text '[Property ID]'. Other options include Visibility Control, Editability/Enable Control, User Input Validation, and Set Default Value. The Display Order is set to 5. Buttons for Save, Reset, and Delete are at the bottom of the panel.

- ✓ Drag and drop a Text Field from the Toolbox next to Property Owner Information
- 1. In the Properties box click in Field Name and type: State:, City:, Location Description:, Price for Renting:, Property ID: separately.
- 2. Click Calculated, then choose relevant formula for each field, e.g State: -> [State]
- 3. Click Save after each field



❖ Add Standard Section Named Property Owner Information:

The screenshot displays the 'Property Ad' form with a 'Toolbox' dropdown menu. The form has tabs for 'Location of the Property', 'Property Owner Information', 'Property Description', and 'Property Overview'. The 'Property Owner Information' tab is active, showing a list of sections. A new section named 'Property Owner Information:' has been added to the list. The configuration panel on the right shows the details for this section, including its name, display order, theme, section type, and location settings.

Property Ad: *Show Advanced Options*

Description: Unique Keys: Buttons Visibility: Default Mode: Read Mode

Delete Form Close

Location of the Property Property Owner Information Property Description Property Overview

Country: Text

State: Text

City: Text

Location Description: Text

Price for Renting: Text

Property ID: Text

Property Owner Information:

Section - Property Owner Information:

Edit Add

Section Name Property Owner Information:

Display Order 1

Theme -Default-

Section Type Standard

User Mode Help [Add](#)

Show in Print Preview

Visibility Control

Editability/Enable Control

Location:

Tab Property Overview

Column Property Overview

Save Reset Delete

✓ Drag and drop a Standard Section from the Toolbox

1. In the Properties box click in Section Name
2. Type Property Owner Information:
3. Click Save



❖ Add Text Fields Titled Name:, Property Owner Email:, Phone Number:, and Property Address:

City: Text

Location Description: Text

Price for Renting: Text

Property Owner Information:

Name: Text

Property Owner Email: Text

Phone Number: Text

Property Address: Text

Field - Property Address:

Edit Event Add

Field Name Property Address:

Field Type Text

Theme -Default-

Input Mask None

User Mode Help [Add](#)

Field Size 200

Required

Show Scanner

Calculated

[Formula Builder](#) ?

[Property Address]

Visibility Control

[Formula Builder](#) ?

[Property Address]!="

✓ Drag and drop Text Fields from the Toolbox

1. In the Properties box click in Field Name and type Name:, Property Owner Email:, Phone Number:, and Property Address: separately.
2. Click Calculated and choose relevant formulas for each field, e.g Property Address: -> [Property Address]
3. For the Property Address: field add the following Calculated formula:
[Property Address] + ';' + [Country] + ';' + [City] + ';' + [State]
4. For the fields Phone Number: and Property Address: check Visibility Control and create the following formulas: [Phone Number]!=" and [Property Address]!="
5. Click Save after each field



❖ Add a Text Field Named Recipient's Email

Form Editor Screenshot:

- Buttons: [Delete Form](#)
- Location of the Property
- Property Owner Information
- Property Information
- Name: Text
- Property Owner Email: Text
- Phone Number: Text
- Property Address: Text
- Text**: Text

Field - Text Properties:

- Field Name: Recipient's Email
- Field Type: Text
- Theme: -Default-
- Input Mask: None
- User Mode Help: [Add](#)
- Field Size: 200
- Required
- Show Scanner
- Calculated
- [Formula Builder](#) ⓘ
- getLogonUserEmail()
- Visibility Control
- Editability/Enable Control
- User Input Validation
- Set Default Value
- Display Order: 1

- ✓ Drag and drop a Text Field from the Toolbox, into the form
1. In the Properties box click in the Field Name and type Recipient's Email
 2. Check Calculated and using Formula Builder choose:
getLogonUserEmail()
 3. Click Save



❖ Add a New Column Named More Info

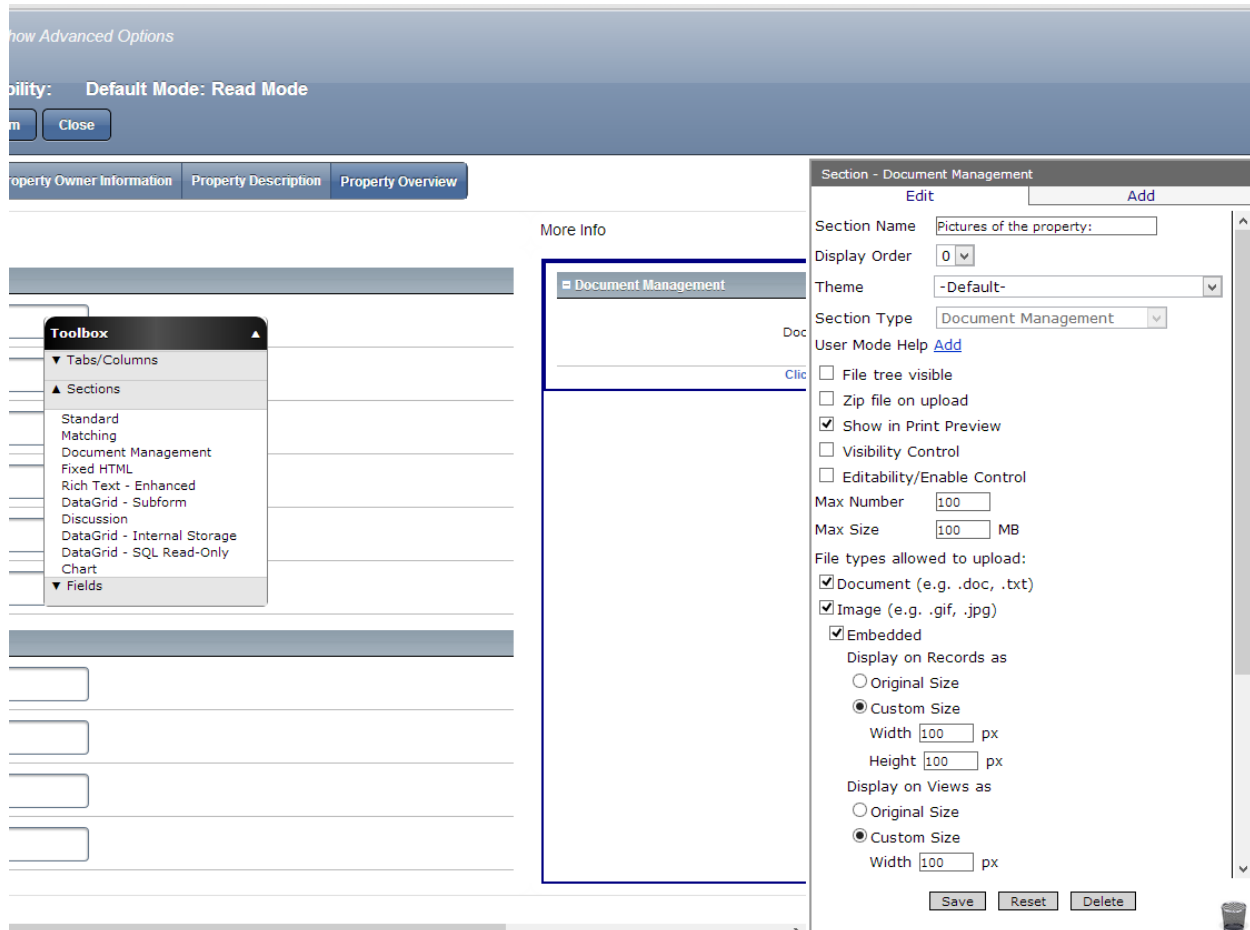
The screenshot displays the WAG interface for editing a property ad. At the top, there's a header with 'Property Ad: Show Advanced Options', 'Description:', 'Unique Keys:', 'Buttons Visibility:', and 'Default Mode: Read Mode'. Below this are 'Delete Form' and 'Close' buttons. The main content area has tabs for 'Location of the Property', 'Property Owner Information', 'Property Description', and 'Property Overview'. The 'Property Overview' tab is active, showing a 'Property Overview' section with fields for Country, State, City, Location Description, Price for Renting, and Property ID. Below this is the 'Property Owner Information' section with fields for Name and Property Owner Email. A 'New Column' dialog is open on the right, with 'More Info' in the 'Column Name' field, '50%' in 'Column Width', and '1' in 'Display Order'. The 'Location' is set to 'Property Overview'. A 'Toolbox' is visible over the 'Property Overview' column, with 'Column' selected. The dialog has 'Save', 'Reset', and 'Delete' buttons at the bottom.

✓ Drag and drop a Column from the Toolbox next to the Property Overview column

1. In the Properties box click in Column Name and type More Info
2. Column Width 50%
3. Click Save



❖ Add Document Management Section Named Pictures of the Property:

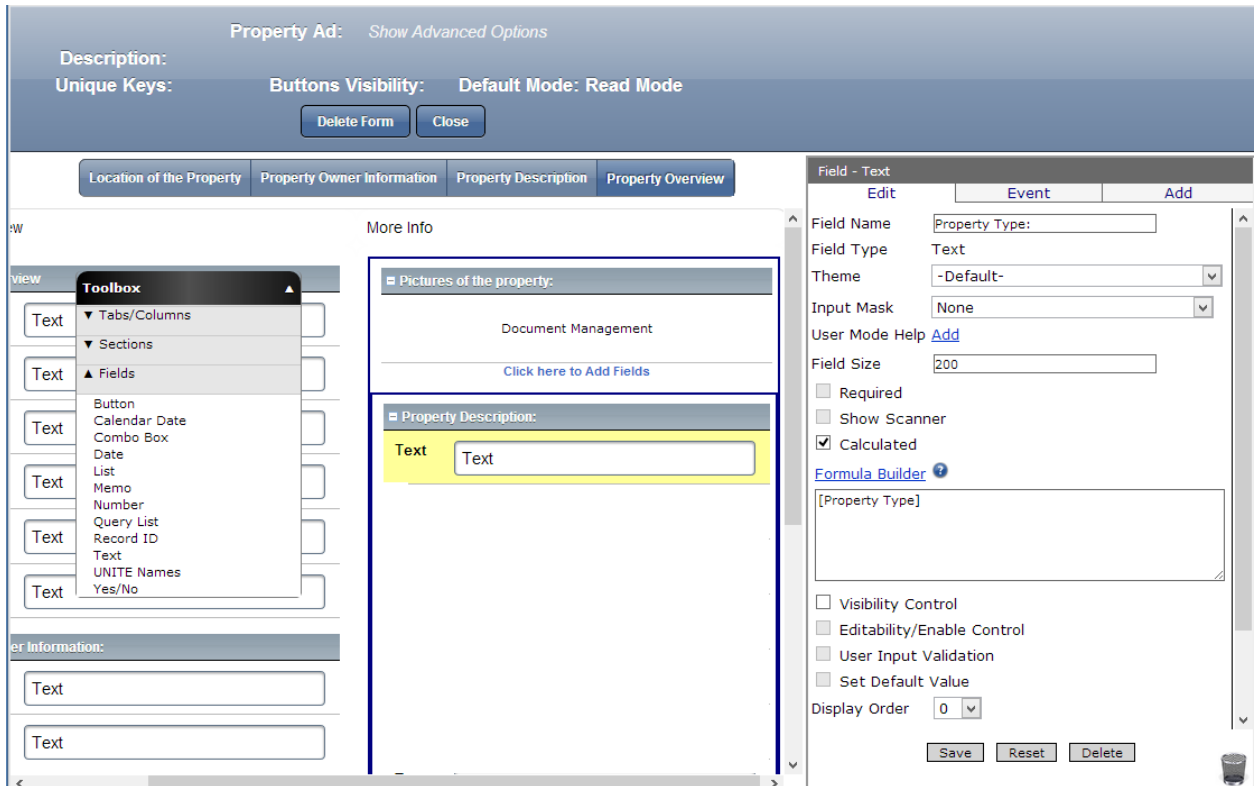


✓ Drag and drop a Document Management Section from the Toolbox

1. In the Properties box click in Section Name and type Pictures of the Property
2. Check custom size 100px by 100px for the "Display on Records as" and "Display on Views as"
3. Click Save



❖ **Add a Standard Section Named Property Description: and a Text Field in it Named Property Type:**



- ✓ Drag and drop a Standard Section from the Toolbox
 1. In the Properties box click in Section Name and type Property Description:
 2. Click Save

- ✓ Drag and drop a Text Field from the Toolbox
 4. In the Properties box click in Field Name and type Property Type:
 5. Check Calculated
 6. Add formula: [Property Type]
 7. Click Save



❖ Add Texts Fields Named Bath/Bed:, Accommodates:, Language We Speak:, and Floor Area:

✓ Drag and drop a Text Field from the Toolbox

1. In the Properties box click in Field Name and type Bath/Bed:, Accommodates:, Language We Speak:, and Floor Area:
2. Check Calculated
3. Create relevant formulas, e.g. Floor Area ->: [Floor Area]
4. Click Save every time



❖ Add a Text Field Named Furnished:

The screenshot shows a software interface with a form on the left and a properties panel on the right. The form has several text input fields, with the 'Furnished' field highlighted in yellow. The properties panel for the 'Furnished' field includes the following settings:

- Field Name: Furnished:
- Field Type: Text
- Theme: -Default-
- Input Mask: None
- User Mode Help: [Add](#)
- Field Size: 200
- Required
- Show Scanner
- Calculated
- [Formula Builder](#)
- Formula: `[Furnished]==1?'Yes':''`
- Visibility Control
- [Formula Builder](#)
- Formula: `[Furnished]==1`

✓ Drag and drop a Text Field from the Toolbox

1. In the Properties box click in Field Name and type Furnished:
2. Check Visibility Control
Create formula `[Furnished]==1`
3. Check Calculated and create the following formula
`[Furnished]==1?'Yes':''`
4. Click Save



❖ Add Text Fields Named Parking:, Car Included:, Internet:, Cable TV:, Grill:, Microwave:, Carpet:, and Preferred Destination:

The screenshot shows a software interface for creating a form. On the left, there is a list of fields: Language We Speak, Floor Area, Furnished, Parking, Car Included, Internet, Cable TV, Grill, Microwave, Carpet, and Text. A 'Toolbox' is open over the 'Furnished' field, showing options like Button, Calendar Date, Combo Box, Date, List, Memo, Number, Query List, Record ID, Text, UNITE Names, and Yes/No. On the right, a configuration panel for 'Field - Preferred Destination:' is shown. It has tabs for 'Edit', 'Event', and 'Add'. The 'Edit' tab is active, showing the following settings: Field Name: Preferred Destination:, Field Type: Text, Theme: -Default-, Input Mask: None, User Mode Help: Add, Field Size: 200. There are checkboxes for 'Required', 'Show Scanner', and 'Calculated' (which is checked). A 'Formula Builder' link is also present. The formula field contains '[Preferred Destination]'.

✓ Drag and drop Text Fields from the Toolbox

1. Do the exact same for all the Yes/No fields as we did for the Furnished: field
2. For the Preferred Destination: field just add the following Calculated formula:
[Preferred Destination]



❖ Add Button Named Submit Ad

The screenshot displays a software interface for configuring a form. On the left, a form titled "Property Overview" contains several text input fields: "Parking:", "Car Included:", "Internet:", "Cable TV:", "Grill:", "Microwave:", "Carpet:", and "Exchange Destination:". A yellow highlighted area at the bottom of the form contains a blue button labeled "Button".

On the right, a configuration panel titled "Field - Button" is open. It has tabs for "Edit", "Event", and "Add". The "Edit" tab is active, showing the following configuration options:

- Field Name: Button
- Field Type: Button
- Theme: (empty)
- User Mode Help: (empty)
- Button Group Name: (empty)
- Button Order in Group: (empty)
- Make Button Available:
 - Edit Mode
 - Visibility Control
 - Editability/Enabled
- Display Order: (empty)
- Location: (empty)
- Tab: (empty)
- Section: (empty)

A "Toolbox" is also visible, listing various field types: Button, Calendar Date, Combo Box, Date, List, Memo, Number, Query List, Record ID, Text, UNITE Names, and Yes/No. The "Button" field type is selected in the configuration panel.

At the bottom of the configuration panel, there are "Save", "Reset", and "Delete" buttons, and a trash icon.

- ✓ Drag and drop a Button Field from the Toolbox into the form



❖ Name the Button Field

The screenshot shows the WAG interface with a 'Property Overview' tab selected. The main area displays a list of property features: Parking, Car Included, Internet, Cable TV, Grill, Microwave, Carpet, and Exchange Destination, each with a 'Text' field. A yellow highlighted area at the bottom contains a blue 'Button'. To the right, a 'Field - Button' configuration panel is open, showing the following settings:

- Field Name: Submit Ad
- Field Type: Button
- Theme: -Default-
- User Mode Help: Add
- Button Group Name: [Empty]
- Button Order in Group: [Empty]
- Make Button Available: Edit Mode, Read Mode, View Mode
- Visibility Control
- Formula Builder: `getLogonUserEmail() == [Property Owner Email]`
- Editability/Enable Control
- Display Order: 14
- Location: Tab: Property Overview

At the bottom of the configuration panel are 'Save', 'Reset', and 'Delete' buttons.

1. In the Properties box click in the Field Name
2. Type Submit Ad
3. Click Visibility Control and add the following formula:
getLogonUserEmail() == [Property Owner Email]
4. Click Save

getLogonUserEmail() == [Property Owner Email]

This formula will make the button visible if the Property Owner Email is the same that the user used to log into WAG™ with.



❖ Add onClick Event to the Button

The screenshot shows a web application interface. At the top, there is a "Toolbox" dropdown menu and a "Mode: Read Mode" indicator. Below this, there are two tabs: "Property Description" and "Property Overview". The "Property Description" tab is active, showing a form with several text input fields, each with a label and a "Text" placeholder. The labels are: "Speaker:", "Floor Area:", "Furnished:", "Parking:", "Car Included:", "Internet:", "Cable TV:", "Grill:", "Microwave:", "Carpet:", and "Exchange Destination:". At the bottom of the form is a yellow bar with a "Submit Ad" button. To the right of the form is a panel titled "Field - Submit Ad" with three tabs: "Edit", "Event", and "Add". The "Event" tab is selected, and a button labeled "Add New Event" is highlighted with an orange border. A trash can icon is visible in the bottom right corner of the panel.

1. Click Event
2. Click Add New Event



[Delete Form](#) [Close](#)

Location of the Property | **Property Owner Information** | Property Description | Property Overview

Toolbox

- ▲ Tabs/Columns
 - Tab
 - Column
- ▼ Sections
- ▼ Fields

Internet:

Cable TV:

Grill:

Microwave:

Carpet:

Preferred Destination:

[Submit Ad](#)

Field - Submit Ad

[Edit](#) [Event](#) [Ac](#)

Event: ▼

Action: ▼

Fire Order: ▼

Condition: [Formula Builder Help](#)

Email To: [Add Fields](#) (Comma Delimited)

Applies to UNITE Names Only:
 ▼

Subject: Text Field

Body: Text Field

[Save](#) [Delete](#) [Cancel](#)

- Action: Save and Email
- Email To [Property Owner Email]
- Subject: Your Housing Swap Ad
- Body: You've submitted your property ad to the WAG Property Swap app.
- Check: Include Link to Record
- Click Add



❖ Add Tab Contact the Owner

The screenshot shows the WAG software interface. At the top, there's a header with the WAG logo and the text "Learn How to WAG™". The page number "52" is in the top right corner. Below the header, the main title is "❖ Add Tab Contact the Owner". The interface is divided into several sections. On the left, there's a "Property Ad" section with "Show Advanced Options" and a "Toolbox" dropdown. Below this, there are fields for "Description:", "Unique Keys:", "Buttons Visibility:", and "Default Mode: Read Mode". There are "Delete Form" and "Close" buttons. In the center, there's a navigation bar with tabs: "Location of the Property", "Property Owner Information", "Property Description", "Property Overview", and "tab". The "tab" tab is selected. Below the navigation bar, there's a "tab Column 1" section with a "Click Here to add sections" link. On the right, there's a "Tab - tab" configuration window. It has "Edit" and "Add" buttons. The "Tab Name" is "Contact The Owner". The "Display Order" is "4". The "Columns Theme" is "-Default-". The "Allow Users to Click On Tab" checkbox is checked. There's a "Formula Builder" button. Below it, the text "true" is entered. The "Visibility Control" checkbox is checked, and there's another "Formula Builder" button. Below it, the formula "getLogonUserEmail()!=[Property Owner Email]" is entered. The "Editability/Enable Control" checkbox is unchecked. At the bottom right of the configuration window, there are "Save", "Reset", and "Delete" buttons.

- ✓ Drag and drop a new Tab next to the Property Overview Tab

 1. Click in the Properties box and type Contact the Owner
 2. Check Visibility Control, and using Formula Builder create the following:
getLogonUserEmail()!=[Property Owner Email]
 3. Click Save.

Formula, ***getLogonUserEmail()!=[Property Owner Email]*** makes the tab visible if the Property Owner's Email and Log in User's Email are not the same.



❖ Add a New Tab Named Owner's Mailbox

The screenshot shows the WAG software interface. At the top, there is a header bar with 'Property Ad: Show Advanced Options' and a 'Toolbox' dropdown. Below this, there are fields for 'Description:', 'Unique Keys:', 'Buttons Visibility:', and 'Default Mode: Read Mode'. A 'Delete Form' button and a 'Close' button are also present. The main content area has a navigation bar with tabs: 'Location of the Property', 'Property Owner Information', 'Property Description', 'Property Overview', 'Contact The Owner', and 'tab'. The 'tab' tab is selected, and its content area is empty, with a link 'Click Here to add sections'. On the right side, there is a 'Tab - tab' dialog box with 'Edit' and 'Add' buttons. The 'Add' button is active. The dialog contains the following fields and options: 'Tab Name' (Owner's Mailbox), 'Display Order' (5), 'Columns Theme' (-Default-), 'Allow Users to Click On Tab' (checked), 'Formula Builder' (true), 'Visibility Control' (checked), 'Formula Builder' (getLogonUserEmail()=[Property Owner Email]), and 'Editability/Enable Control' (unchecked). At the bottom of the dialog are 'Save', 'Reset', and 'Delete' buttons.

✓ Drag and drop a Tab next to Contact The Owner Tab

1. In the Properties box click in Tab Name and type Owner's Mailbox
2. Check Visibility Control and using the Formula Builder create formula:
getLogonUserEmail()=[Property Owner Email]
3. Click Save

Formula, **getLogonUserEmail()=[Property Owner Email]** will make the Tab visible only if logged on user's email and Property Owner Email are equal.



❖ Create a New Form Named Message

Design Home Forms Views Applications Themes

Forms

Add a New Form

Form	Public Access Settings
Country	None
Property Ad	None

1. Click Add a New Form
2. Type Message
3. Click Save

Save Cancel

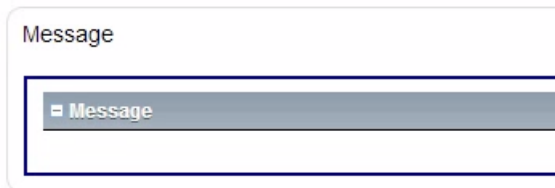
Name *: Message

Description:

Select a Type to Copy:



❖ Change Column Width



The "Column - Message" configuration dialog box is shown. It has two tabs: "Edit" (selected) and "Add". The configuration fields are as follows:

- Column Name: Message
- Column Width: 50% (highlighted in yellow) % or px
- Display Order: 0 (dropdown arrow)
- Visibility Control
- Editability/Enable Control

Location:

- Tab: Message (dropdown arrow)

1. Click on the Message Column
2. Change the Column Width to 50%



❖ Add a Text Field Named From

The screenshot shows the WAG software interface. At the top, there are buttons for 'Delete Form' and 'Close'. Below them is a 'Message' button. The main area is divided into two parts: a form editor and a properties panel.

The form editor shows a 'Message' form with a 'Text' field. A 'Toolbox' is visible, containing various field types such as Button, Calendar Date, Combo Box, Date, List, Memo, Number, Query List, Record ID, Text, UNITE Names, and Yes/No.

The properties panel, titled 'Field - From', has three tabs: 'Edit', 'Event', and 'Add'. The 'Edit' tab is active, showing the following properties:

- Field Name: From
- Field Type: Text
- Theme: -Default-
- Input Mask: None
- User Mode Help: [Add](#)
- Field Size: 200
- Required
- Show Scanner
- Calculated
- Visibility Control
- Editability/Enable Control
- [Formula Builder](#) ?
- User Input Validation
- Set Default Value
- [Formula Builder](#) ?
- getLogonUserFullNameFirstLast()

At the bottom of the properties panel, there are buttons for 'Save', 'Reset', and 'Delete'.

- ✓ Drag and drop a Text Field from the Toolbox into the form
- 1. In the Properties box click in Field Name
- 2. Type From
- 3. Check Editability/Enable Control and make sure it shows false
- 4. Check Default Value and add formula:
getLogonUserFullNameFirstLast()
- 5. Click Save

Formula, *getLogonUserFullNameFirstLast()* will return logged on user's name automatically.



❖ Add Text Field Named Message Time

The screenshot displays the WAG software interface for editing a form. At the top, there's a header with 'Message: Show Advanced Options', 'Description:', 'Unique Keys:', 'Buttons Visibility:', and 'Default Mode: Read Mode'. Below this are 'Delete Form' and 'Close' buttons. The main form area shows a 'Message' form with 'From' and 'Text' fields. A 'Toolbox' is open, showing various field types like Button, Calendar Date, Combo Box, Date, List, Memo, Number, Query List, Record ID, Text, UNITE Names, and Yes/No. The 'Field - Text' properties panel is also open, showing 'Field Name' set to 'Message Time', 'Field Type' set to 'Text', 'Theme' set to '-Default-', 'Input Mask' set to 'None', 'User Mode Help' set to 'Add', 'Field Size' set to '200', and 'Calculated' checked. The formula builder shows 'new Date()'. There are 'Save', 'Reset', and 'Delete' buttons at the bottom of the properties panel.

- ✓ Drag and drop a Text Field from the Toolbox into the form
 1. In the Properties box click in Field Name
 2. Type Message Time
 3. Check Calculated and create formula
new Date()
 4. Click Save

Formula, **new Date()** will return the date automatically.



❖ Add a Text Field Named Sender's Email

The screenshot displays the 'Message' form in the WAG software. The form has a header bar with 'Message: Show Advanced Options' and buttons for 'Delete Form' and 'Close'. Below the header, there's a 'Message' button and a 'Message' label. The form contains three text fields: 'From', 'Message Time', and 'Text'. The 'Text' field is highlighted in yellow. A 'Toolbox' is visible over the 'Text' field. To the right, the 'Field - Text' properties panel is open, showing the following settings:

- Field Name: Sender's Email
- Field Type: Text
- Theme: -Default-
- Input Mask: None
- User Mode Help: Add
- Field Size: 200
- Required
- Show Scanner
- Calculated
- Visibility Control
- Editability/Enable Control
- Formula Builder: false
- User Input Validation
- Set Default Value
- Formula Builder: getLogonUserEmail()
- Display Order: 2

Buttons for 'Save', 'Reset', and 'Delete' are at the bottom of the properties panel.

- ✓ Drag and drop a Text Field from the Toolbox into the form
 1. In the Properties box click in Field Name
 2. Type Sender's Email
 3. Check Editability/Enable control and make sure the formula box displays false
 4. Check Set Default Value and choose `getLogonUserEmail()` using Formula Builder
 5. Click Save and close the form

Formula #1: *False*

This formula will disable the user to edit the sender's email

Formula #2: *getLogonUserEmail()*

This will set the user's email as a default value that will never change.



❖ Add a Subform in the Form Property Ad's Tab, Contact the Owner

The screenshot shows the WAG software interface. At the top, there's a header with 'Property Ad: Show Advanced Options'. Below that, there are sections for 'Description:', 'Unique Keys:', 'Buttons Visibility:', and 'Default Mode: Read Mode'. There are 'Delete Form' and 'Close' buttons. The main area has several tabs: 'Location of the Property', 'Property Owner Information', 'Property Description', 'Property Overview', 'Contact the Owner', and 'Owner's Mailbox'. The 'Contact the Owner' tab is active, showing a 'Message' form. A 'Toolbox' is open, showing various controls. The 'DataGrid - Subform' control is highlighted in yellow. An orange arrow points from this control to the 'Message' form. On the right, the 'Section - Add Section' dialog box is open, showing 'Section Name: Message', 'Section Type: DataGrid - Subform', and various options like 'Show in Print Preview', 'Visibility Control', 'Editability/Enable Control', 'Criteria Based', 'Allow Add New Records', 'Allow Link Records', 'Page Size: 20', 'System: Property Swap', 'Form: Message', and 'Fields' (City, Email of the Property Owner, From). The 'From' field is checked and has a display order of 1.

- ✓ Drag and drop a DataGrid – Subform from the Toolbox into the form
 1. In the Properties box click in Section Name and type Message
 - System: Property Swap
 - Form: Message
 3. Check 'From' under Fields, and put 1 in display order
 4. Click Add
 5. Close the Property Ad form



❖ Add a Text Field Named Reply to Property ID

Message: *Show Advanced Options*

Description: **Toolbox**

Unique Keys: Buttons Visibility: Default Mode: Read Mode

Delete Form Close

Message

Message

Message

From Text

Message Time Text

Sender's Email Text

Text Text

Field - Text

Edit Event Add

Input Mask None

User Mode Help Add

Field Size 200

Required

Show Scanner

Calculated

Visibility Control

Formula Builder ?

false

Editability/Enable Control

User Input Validation

Set Default Value

Formula Builder ?

~([Property Swap].[Property Ad].[Property ID])

Display Order 3

Location:

Tab Message

Section Message

Save Reset Delete

- ✓ Drag and drop a Text Field from the Toolbox into the form
 1. In the Properties box click in Field Name
 2. Type Reply to Property ID
 3. Check Visibility Control and make sure the formula box displays false
 4. Check Set Default Value and select formula:
~([Property Swap].[Property Ad].[Property ID])
 5. Click Save

Formula #1: False This formula will make the field invisible

Formula #2: *~([Property Swap].[Property Ad].[Property ID])* Will return the property ID from the Property Ad form.



❖ Add Text Field Named City

The screenshot shows a software interface for editing a form. The main window is titled "Message" and contains a form with four text input fields: "From", "Message Time", "Sender's Email", and "Text". The "Text" field is highlighted in yellow. A properties panel on the right is open for a field named "City". The properties include: Field Name: City, Field Type: Text, Theme: -Default-, Input Mask: None, User Mode Help: Add, Field Size: 200, and checkboxes for Required, Show Scanner, Calculated, Visibility Control, and Editability/Enable Control (checked). There is also a "Formula Builder" link and a "false" value field. At the bottom of the properties panel are "Save", "Reset", and "Delete" buttons.

- ✓ Drag and drop a Text Field from the Toolbox into the form
 1. In the Properties box click in Field Name
 2. Type City
 3. Click Save



❖ Add Combo Box Named Reply To

The screenshot shows the WAG software interface. At the top, there is a header bar with 'Message: Show Advanced Options' and a 'Toolbox' dropdown. Below this, there are sections for 'Description:', 'Unique Keys:', 'Buttons Visibility:', and 'Default Mode: Read Mode'. A 'Message' button is visible. The main form area contains a 'Message' section with several text input fields: 'From', 'Message Time', 'Sender's Email', 'Reply to Property ID', and 'City'. A 'Combo Box' is highlighted in yellow at the bottom of this section. To the right, the 'Field - Add Field' dialog box is open, showing the 'Add' tab. The 'Field Name' is 'Reply To' and the 'Field Type' is 'Combo Box'. The 'System' is set to 'Property Swap' and the 'Form' is 'Property Ad'. The 'View(Optional)' is set to 'Property Ad'. The 'Display Column' is '- Search Field -'. Below this, there is a table with columns 'Field', 'Search Field', and 'Display Order'. The table contains several rows with checkboxes and 'Set Filter' links. The 'Add' and 'Cancel' buttons are at the bottom of the dialog.

Field	Search Field	Display Order
<input type="checkbox"/> Accommodates	<input type="radio"/>	<input type="text"/>
Set Filter		
<input type="checkbox"/> Accommodates:	<input type="radio"/>	<input type="text"/>
Set Filter		
<input type="checkbox"/> Bath/Bed:	<input type="radio"/>	<input type="text"/>
Set Filter		
<input type="checkbox"/> Bed/Bath	<input type="radio"/>	<input type="text"/>
Set Filter		
<input type="checkbox"/> Cable TV	<input type="radio"/>	<input type="text"/>
Set Filter		

✓ Drag and drop a Combo Box from the Toolbox into the form

1. In the Properties box click in Field Name
2. Type Reply To
 - System: Property Swap
 - Form: Property Ad
 - From the fields choose Name, Property Address and Property Owner Email. Check Property Address as the search field and display order as 1, 2, 3.
3. Click Add



❖ Add a Text Field Named Property Owner Email

The screenshot displays a software development environment. On the left, a form titled "Message" is visible with several text input fields: "From", "Message Time", "Sender's Email", "City", "Reply to", and a highlighted "Text" field. On the right, a "Field - Text" properties panel is open, showing the following configuration:

- Field Name: Property Owner Email
- Field Type: Text
- Theme: -Default-
- Input Mask: None
- User Mode Help: Add
- Field Size: 200
- Required:
- Show Scanner:
- Calculated:
- Visibility Control:
- Editability/Enable Control:
- User Input Validation:
- Set Default Value:
- Display Order: 6
- Location: Tab: Message, Section: Message

- ✓ Drag and drop a Text Field from the Toolbox into the form
 1. In the Properties Box click in Field Name and type Property Owner Email
 2. Click Save



❖ Add a New Column Named Message Thread

The screenshot displays the WAG interface for editing a form. At the top, there is a header bar with the text "Message: Show Advanced Options", "Description:", "Unique Keys:", "Buttons Visibility:", and "Default Mode: Read Mode". Below this are two buttons: "Delete Form" and "Close".

The main form area is divided into two sections. On the left, the "Message" section contains four text input fields: "From", "Message Time", "Sender's Email", and "Reply to Property". On the right, the "New Column" section contains a text input field for "Column Name" with the value "Message Thread", a "Column Width" field set to "50%", and a "Display Order" dropdown set to "1". There are also checkboxes for "Visibility Control" and "Editability/Enable Control".

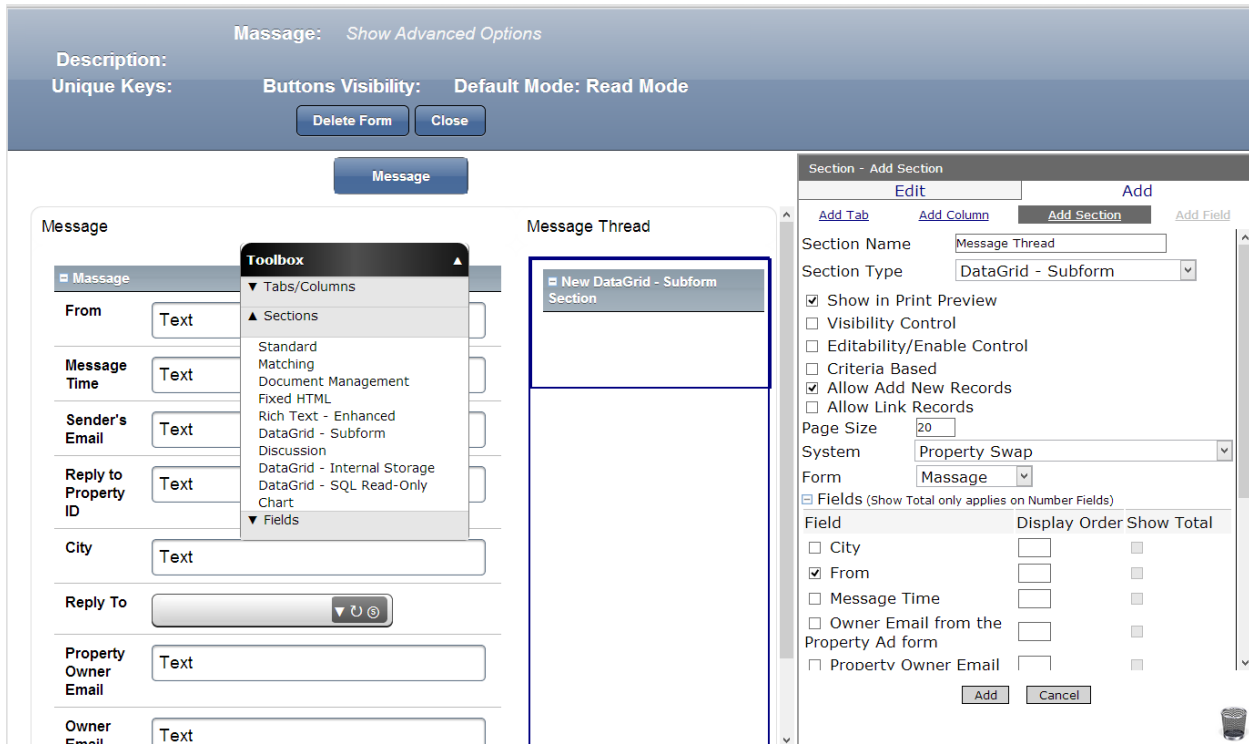
Below the "New Column" section is a "Location:" section with a "Tab" dropdown. A "Toolbox" is open, showing a tree view with "Tabs/Columns" expanded, and "Tab", "Column", "Sections", and "Fields" visible. A trash icon is located at the bottom right of the toolbox.

✓ Drag and drop a new Column from the Toolbox into the form

1. In the Properties box click in Column Name
2. Type Message Thread
3. Column Width 50%
4. Click Save



❖ Create a DataGrid - Subform Named Message Thread



✓ Drag and drop a DataGrid – Subform Section from the Toolbox into the form

1. In the Properties box click in Section Name
2. Type Message Thread
 - System: Property Swap
 - Form: Message
 - Under the Fields check 'From'
3. Click Add



❖ Add a Text Field Named Owner Email from the Property Ad Form

✓ Drag and drop a Text Field from the Toolbox into the form

1. In the Properties box click in Field Name
2. Type Owner Email from the Property Ad Form
3. Check Visibility Control and make sure it shows false
4. Check Calculated and select formula
~([Property Swap].[Property Ad].[Property Owner Email])
5. Click Save

Formula: *~([Property Swap].[Property Ad].[Property Owner Email])* will return Property Owner Email from the Property Ad Form to our newly created field named Owner Email From the Property Ad Form.



❖ Add a Text Field Named Owner Email from the Message Form

The screenshot shows a software interface for editing a form. On the left, a form is displayed with several text input fields: "From", "Message Time", "Sender's Email", "City", "Reply to", "Property Owner Email", "Owner Email form the Property Ad Form", and a new field highlighted in yellow. On the right, a "Field - Text" properties panel is open. It shows the following settings: Field Name: "Owner Email from the Message Fo", Field Type: "Text", Theme: "-Default-", Input Mask: "None", User Mode Help: "Add", Field Size: "200". There are several checkboxes: "Required", "Show Scanner", "Calculated", "Visibility Control", "Editability/Enable Control", "User Input Validation", and "Set Default Value" (which is checked). Below these is a "Formula Builder" section with a text area containing the formula: `~([Property Swap].[Message].[Property Owner Email])`. At the bottom right of the properties panel, there is a "Display Order" dropdown set to "8".

✓ Drag and drop a Text Field from the Toolbox into the form

1. In the Properties box click in Field Name
2. Type Owner Email from the Message Form
3. Check Set Default Value and add formula
~([Property Swap].[Message].[Property Owner Email])
4. Check Visibility Control and make sure formula box displays false
5. Click Save

Formula: *~([Property Swap].[Message].[Property Owner Email])* This formula will return Property Owner's Email from the Message form into our newly created field named Owner Email From the Message Form.



❖ Add a Formula to the Property Owner Email Field

The screenshot shows a software interface with a form on the left and a configuration panel on the right. The form has several text input fields: 'FROM', 'Message Time', 'Sender's Email', 'City', 'Reply to', 'Property Owner Email' (highlighted in yellow), and 'Owner Email form the Property Ad Form'. The configuration panel, titled 'Field - Property Owner Email', has tabs for 'Edit', 'Event', and 'Add'. It shows the following settings: Field Name: Property Owner Email; Field Type: Text; Theme: -Default-; Input Mask: None; User Mode Help: Add; Field Size: 200. There are checkboxes for 'Required', 'Show Scanner', and 'Calculated' (checked). A 'Formula Builder' section contains the formula: `([Owner Email from the Message Form]!="")?[Owner Email from the Message Form]:[Owner Email from the Property Ad Form]`. Below this, another 'Formula Builder' section shows the value 'false'. There is also a 'Visibility Control' checkbox (checked) and an 'Editability/Enable Control' checkbox (unchecked).

1. Click on Property Owner Email
2. Check Visibility Control and make sure it shows false
3. Check Calculated, and create formula:
`([Owner Email from the Message form]!="")?[Owner Email from the Message Form]:[Owner Email from the Property Ad Form]`
4. Click Save

Formula *`([Owner Email from the Message form]!="")?[Owner Email from the Message Form]:[Owner Email from the Property Ad Form]`*

This formula means that if the field named Owner Email From the Message form is not blank then the field will display Owner Email from the Message Form, otherwise, (if it is blank) formula will return owner's email from Property Ad Form.



❖ Add a Memo Field Named Message

Message: *Show Advanced Options*

Description:

Unique Keys: Buttons Visibility: Default Mode: Read Mode

Delete Form Close

Message

Email of the Property Owner Text

Owner Email from the Property Ad form Text

Owner Email From the Message Form Text

Memo Memo

Field - Memo

Edit Event Add

Field Name Message

Field Type Memo

Theme -Default-

User Mode Help [Add](#)

Field Size 4000

Required

Show Scanner

Calculated

Visibility Control

Editability/Enable Control

Set Default Value

Display Order 9

Location:

Tab Message

Save Reset Delete

- ✓ Drag and drop a Memo Field from the Toolbox into the form
 1. In the Properties box click in Field Name
 2. Type Message
 3. Click Save



❖ Create a List Field Named Agreement Type

The screenshot shows a software interface for creating a form. On the left, a form design area contains a 'Message' field with the text 'Memo' and a 'List' field highlighted in yellow. On the right, a 'Field - List' properties panel is open. The panel has tabs for 'Edit', 'Event', and 'Add'. The 'Edit' tab is active, showing the following settings:

- Field Name: Agreement Type
- Field Type: List
- Theme: -Default-
- User Mode Help: Add

List Value	Remove
Rent	Remove
Swap	Remove
	Remove

Below the table are several checkboxes:

- Multiple Values
- Required
- Visibility Control
- Editability/Enable Control
- Set Default Value

At the bottom of the panel are 'Save', 'Reset', and 'Delete' buttons, along with a trash icon.

✓ Drag and drop a List Field from the Toolbox into the form

1. In the Properties box click in Field Name
2. Type Agreement Type
3. In the List Values type Rent and Swap
4. Click Save



❖ Add a Combo Box Named Swap For

The screenshot shows a software interface with a form on the left and a properties panel on the right. The form has several fields: From (Text), Message Time (Text), Sender's Email (Text), City (Text), Reply To (dropdown), Property Owner Email (Text), Message (Memo), Agreement Type (dropdown), and Swap For (dropdown, highlighted in yellow). The properties panel on the right shows the following settings:

- Visibility Control: [Formula Builder](#) [?]
- Formula: [Agreement Type]='Swap'
- Editability/Enable Control:
- Set Default Value:
- Display Order: 8
- Max Rows: 20
- System: Property Swap
- Property Address: 1
- Property Address:
- Property ID:
- Property ID:
- Property Owner Email: 2
- Filter: = Sender's Email
- Property Owner Email:

- ✓ Drag and drop a Combo Box Field from the Toolbox into the form
- 1. In the Properties box click in Field Name
- 2. Type Swap For
- 3. Form: **Property Ad** Display Column: **Property Address**
- 4. Check Visibility Control and create formula
[Agreement Type]='Swap'
- 5. Check Property Address and Property Owner Email under Fields with a 1, 2 Display Order
- 6. Add the following filter to Property Owner Email Field
=Sender's Email
- 7. Click Save

Formula: *[Agreement Type]='Swap'* means that Swap For field is visible if Agreement Type displays Swap.



❖ Add a Number Field Named Price for Renting

The screenshot shows the WAG software interface. On the left, a form is visible with a 'Message' field containing 'Memo', an 'Agreement Type' dropdown menu, and a 'Number' field highlighted in yellow. On the right, a properties panel titled 'Field - Number' is open, showing the following settings:

- Field Name: Price for Renting
- Field Type: Number
- Theme: -Default-
- User Mode Help: Add
- Field Format: General e.g. 2010
- Required:
- Show Scanner:
- Calculated:
- Visibility Control:
- Formula Builder: [Agreement Type]='='Rent'

At the bottom right of the properties panel, there are buttons for 'Save', 'Reset', and 'Delete'.

✓ Drag and drop a Number Field from the Toolbox into the form

1. In the Properties box click in Field Name
2. Type Price for Renting
3. Check Visibility Control and create formula
[Agreement type]='='Rent'
4. Click Save

Formula: *[Agreement type]='='Rent'* means that Price for Renting field is visible if Agreement Type displays Rent.



❖ Add a Date Field Named Check In Date

The screenshot displays a software interface with a form on the left and a properties panel on the right. The form includes fields for 'Message' (Memo), 'Agreement Type' (dropdown), 'Price for Renting' (Number), and 'Date' (Date field, highlighted in yellow). The properties panel, titled 'Field - Date', shows the following settings: Field Name: Check In; Field Type: Date; Theme: -Default-; Field Format: MM/dd/yyyy; and several unchecked checkboxes: Required, Calculated, Visibility Control, Editability/Enable Control, User Input Validation, and Set Default Value. The Display Order is set to 11. Buttons for Save, Reset, and Delete are located at the bottom of the panel.

- ✓ Drag and drop a Date Field from the Toolbox into the form
 1. In the Properties box click in Field Name
 2. Type Check In Date
 3. Click Save



❖ Add a Date Field Named Check Out Date

Message	<input type="text" value="Memo"/>
Agreement Type	<input type="text" value=""/>
Price for Renting	<input type="text" value="Number"/>
Check in Date	<input type="text" value="Date"/>
Date	<input type="text" value="Date"/>

- ✓ Drag and drop a Date Field from the Toolbox into the form
- 1. In the Properties box click in Field Name
- 2. Type Check Out Date
- 3. Click Save



❖ Create a List field Named Dates Are Flexible

Message: [Show Advanced Options](#) Toolbox ▾

Description:

Unique Keys: Buttons Visibility: Default Mode: Read Mode

Delete Form Close

Message

Message

Agreement Type ▼ ↻

Price for Renting

Check in Date 📅

Check Out Date 📅

List ▼ ↻

Field - List

Edit Event Add

Field Name

Field Type

Theme ▾

User Mode Help [Add](#)

List Value	Remove
Yes	Remove
No	Remove
	Remove

Multiple Values

Required

Visibility Control

Editability/Enable Control

Set Default Value

Display Order ▾

Location:

Save Reset Delete

✓ Drag and drop a List Field from the Toolbox into the form

1. In the Properties box click in Field Name
2. Type Dates Are Flexible
3. Under the List Value type Yes and No
4. Click Save



❖ Create a Section Named Hidden Section

Message: Show Advanced Options

Description:

Unique Keys: Buttons Visibility: Default Mode: Read Mode

Delete Form Close

Message

Agreement Type

Price for Renting: Number

Check in Date: Date

Check Out Date: Date

Dates Are Flexible

Standard

Click here to Add Fields

Section - Standard

Edit Add

Section Name: Hidden Section

Display Order: 1

Theme: -Default-

Section Type: Standard

User Mode Help Add

Show in Print Preview

Visibility Control

Formula Builder ?

false

Editability/Enable Control

Location:

Save Reset Delete

- ✓ Drag and drop a Standard Section from the Toolbox into the form
- 1. In the Properties box click in Section Name
- 2. Type: Hidden Section
- 3. Check Visibility Control and make sure Formula Builder displays false
- 4. Click Save



❖ Add Text Fields Named Thread ID and User ID

The screenshot shows the WAG software interface for creating a form. At the top, there's a header with 'Message: Show Advanced Options', 'Description:', 'Unique Keys:', 'Buttons Visibility:', and 'Default Mode: Read Mode'. Below this are 'Delete Form' and 'Close' buttons. A 'Message' button is also present. The main form area contains several fields: 'Agreement Type' (dropdown), 'Price for Renting' (Number), 'Check In' (Date), 'Check Out' (Date), and 'Dates are Flexible' (dropdown). A 'Hidden Section' is expanded to show two text fields: 'Thread ID' and 'Text'. A 'Field - Text' properties panel is open on the right, showing the 'User ID' field name, 'Text' type, and a 'Toolbox' with various field options. The 'Location' is set to 'Message' tab and 'Hidden Section' section. There are 'Save', 'Reset', and 'Delete' buttons at the bottom of the properties panel.

✓ Drag and drop Text Fields from the Toolbox into the form

1. In the Properties box click in Field Name
2. Type Thread ID and User ID
3. Click Save after naming each field



❖ Add Text Field Named Owner Replies To

Message: [Show Advanced Options](#)

Description:

Unique Keys: Buttons Visibility: Default Mode: **Toolbox**

Read Mode

Delete Form Close

Message

Owner Email from the Message Form Text

Dates Are Flexible: Text

Agreement Type: Text

Reply to Property ID Text

Thread ID Text

User ID Text

Text Text

Field - Owner Replies To

Edit Event Add

Field Name Owner Replies To

Field Type Text

Theme -Default-

Input Mask None

User Mode Help [Add](#)

Field Size 200

Required

Show Scanner

Calculated

Visibility Control

Editability/Enable Control

User Input Validation

Set Default Value

[Formula Builder](#) ?

~([Property Swapp].[Message].[Sender's Email])

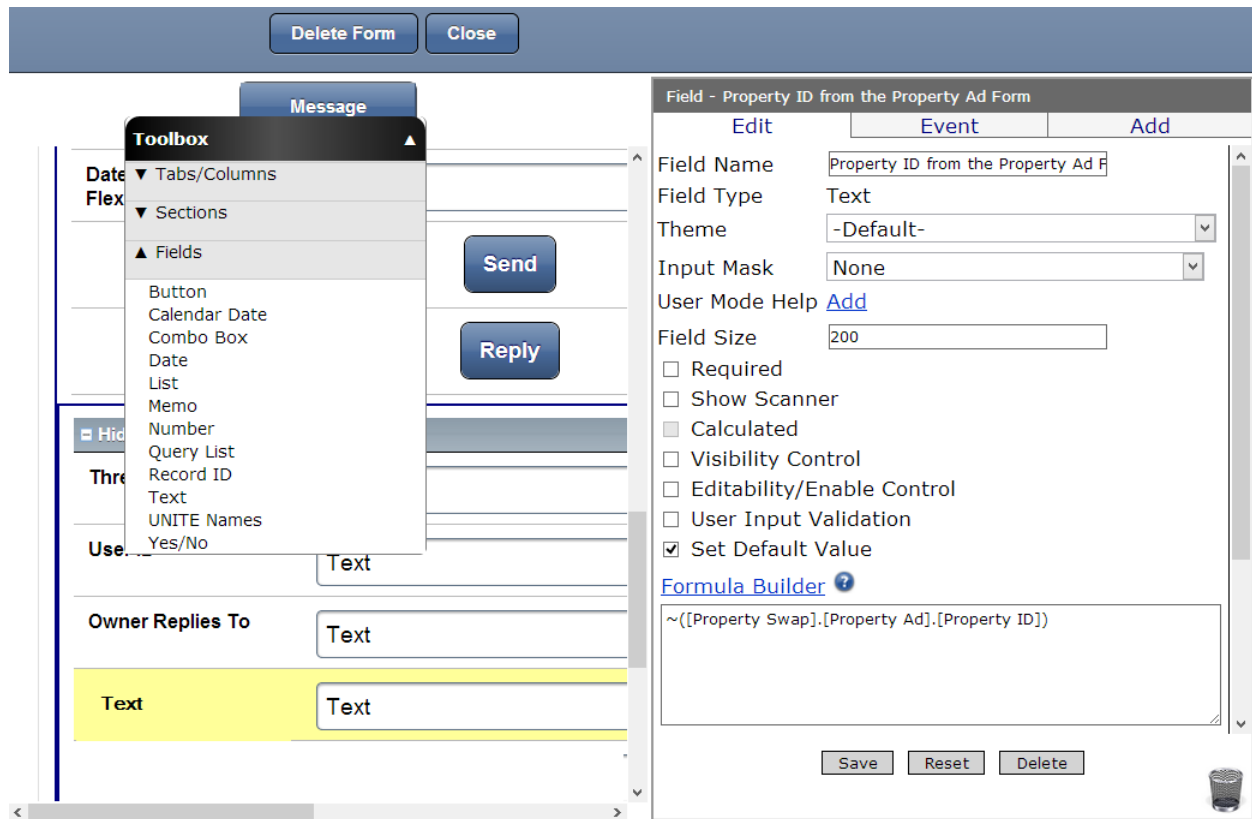
Save Reset Delete

- ✓ Drag and drop a Text Field from the Toolbox into the form
- 1. In the Properties box click in Field Name
- 2. Type Owner Replies To
- 3. Check Editability/Enable Control and make sure Formula Builder displays false
- 4. Check Set Default Value and add formula
`~([Property Swapp].[Message].[Sender's Email])`
- 5. Click Save

Formula `~([Property Swapp].[Message].[Sender's Email])` will return value of the Sender's Email field into the Owner Replies To field.



❖ Add a Text Field Named Property ID from the Property Ad Form



✓ Drag and drop a Text Field from the Toolbox into the form

1. In the Properties box click in Field Name
2. Type Property ID from the Property Ad Form
3. Check Set Default Value and using Formula Builder add formula:
~([Property Swap].[Property Ad].[Property ID])
4. Click Save

Formula $\sim([Property\ Swap].[Property\ Ad].[Property\ ID])$ will return value of Property ID field of Property Ad Form into the Property ID from the Property Ad Form field.



❖ Add a Text Field Named Property ID From The Message Form

The image shows a form editor interface. On the left, a 'Hidden Section' contains five text fields: 'Thread ID', 'User ID', 'Owner Replies To', 'Property ID from the Property Ad Form', and a new 'Text' field highlighted in yellow. On the right, the 'Field - Text' configuration panel is open, showing the following settings:

- Field Name: Property ID from the Message For
- Field Type: Text
- Theme: -Default-
- Input Mask: None
- User Mode Help: Add
- Field Size: 200
- Options: Required, Show Scanner, Calculated, Visibility Control, Editability/Enable Control, User Input Validation, Set Default Value (all unchecked)
- Display Order: 4
- Location: Tab (Message), Section (Hidden Section)

✓ Drag and drop a Text Field from the Toolbox into the form

1. Click in Field Name and type Property ID from the Message Form
2. Click Save



❖ Create Property ID Text Field

The screenshot displays the WAG software interface for creating a new field. The main form includes fields for Property Owner Email, Message, Agreement Type, Swap For, Price for Renting, Check in Date, Check out Date, and Dates Are Flexible. A new 'Property ID' field is highlighted in yellow. A 'Toolbox' is open, and the 'Field - Property ID' configuration panel is visible on the right. The configuration panel shows: Field Name: Property ID, Field Type: Text, Theme: -Default-, Input Mask: None, User Mode Help: Add, Field Size: 200, Required: unchecked, Show Scanner: unchecked, Calculated: checked, Formula Builder: [Property ID from the Message Form]!=""?[Property ID from the Message Form]:[Property ID from the Property Ad Form], Visibility Control: unchecked, Editability/Enable Control: unchecked, User Input Validation: unchecked, Set Default Value: unchecked, Display Order: 13, Location: Tab: Message.

1. Drag a Text Field beneath the Dates Are Flexible List Field
2. Click in Field Name and type Property ID
3. In the Properties box check Calculated
4. Using Formula box create formula:
[Property ID From The Message Form]!=""?[Property ID From The Message Form]:[Property ID Property Ad Form]
5. Click Save

Formula: *[Property ID From The Message Form]!=""?[Property ID From The Message Form]:[Property ID from the Property Ad form]* will return **Property ID from the Message Form** field value to the **Property ID** field if **Property ID from the Message Form** field is not blank, otherwise, it will return value of the **Property ID from the Property Ad Form** field.



❖ Add Calculated Formula to Property ID from the Message Form

The screenshot shows a 'Hidden Section' with the following fields:

- Thread ID (Text)
- User ID (Text)
- Owner Replies To (Text)
- Property ID from the Property Ad Form (Text)
- Property ID from the Message Form (Text, highlighted in yellow)

The configuration panel for the 'Property ID from the Message Form' field is shown on the right:

- Field Name: Property ID from the Message For
- Field Type: Text
- Theme: -Default-
- Input Mask: None
- User Mode Help: Add
- Field Size: 200
- Required
- Show Scanner
- Calculated
- Formula Builder: `~([Property Swap].[Message].[Property ID])`
- Visibility Control
- Editability/Enable Control
- User Input Validation
- Set Default Value
- Display Order: 4

1. Click on the Property ID from the Message Form field
2. Check Calculated and add formula:
~([Property Swap].[Message].[Property ID])
3. Click Save

Formula *~([Property Swap].[Message].[Property ID])* will return value of **Property ID field from the Message form into the **Property ID From The Message Form** field.**



❖ Add a Text Field Named City From the Message Form

The screenshot shows a software interface with a form on the left and a configuration panel on the right. The form has a 'Message' button and several text input fields: 'Recipient's email', 'Thread ID', 'User ID', 'Owner Replies To', 'Property ID from the Property Ad Form', 'Property ID from the Message Form', and a new 'Text' field highlighted in yellow. The configuration panel, titled 'Field - City from the Message Form', has tabs for 'Edit', 'Event', and 'Add'. It shows the following settings: Field Name: 'City from the Message Form', Field Type: 'Text', Theme: '-Default-', Input Mask: 'None', User Mode Help: 'Add', Field Size: '200'. There are checkboxes for 'Required', 'Show Scanner', 'Calculated' (checked), 'Visibility Control', 'Editability/Enable Control', 'User Input Validation', and 'Set Default Value'. A 'Formula Builder' section contains the formula: `~([Property Swap].[Message].[City])`. At the bottom of the panel are 'Save', 'Reset', and 'Delete' buttons.

- ✓ Drag and drop a Text Field from the Toolbox into the form
- 1. Click in Field Name and type City from the Message Form
- 2. Check Calculated and add formula:
`~([Property Swap].[Message].[City])`
- 3. Click Save

Formula `~([Property Swap].[Message].[City])` will return value of City field of the Message Form into the City From the Message Form field.



❖ Add a Text Field Named City From the Property Ad Form

The image shows a form editor interface. On the left, there is a list of fields: 'Owner Replies To', 'Property ID from the Property Ad Form', 'Property ID from the Message Form', 'City from the Message Form', and a highlighted 'Text' field. On the right, the configuration panel for the selected 'Text' field is shown. It includes tabs for 'Edit', 'Event', and 'Add'. The 'Edit' tab is active, showing the following settings: Field Name: 'City from the Property Ad Form', Field Type: 'Text', Theme: '-Default-', Input Mask: 'None', User Mode Help: 'Add', Field Size: '200'. There are several checkboxes: 'Required', 'Show Scanner', 'Calculated', 'Visibility Control', 'Editability/Enable Control', 'User Input Validation', and 'Set Default Value' (which is checked). Below these is a 'Formula Builder' section with a text area containing the formula: `~([Property Swap].[Property Ad].[City])`. At the bottom, there is a 'Display Order' dropdown menu set to '6'.

- ✓ Drag and drop a Text Field from the Toolbox into the form
- 1. Click in Field Name and type City from the Property Ad Form
- 2. Check Set Default Value and add formula:
`~([Property Swap].[Property Ad].[City])`
- 3. Click Save

Formula `~([Property Swap].[Property Ad].[City])` will return value of the City field from the Message form into the City from the Property Ad Form field.



❖ Add Calculated Formula to the City Field

1. Click on City field
2. Check Calculated and create formula:
[City From The Message Form]!="?:[Owner Email from the Message Form]:[Owner Email from the Property Ad Form]
3. Click Save

Formula *[City From The Message Form]!="?:[Owner Email from the Message Form]:[Owner Email from the Property Ad form]* will return City from the Message Form field value to the City field if City from the Message Form field is not blank, otherwise, it will return value of City from the Property Ad form field.



❖ Add Visibility Formula to the Reply to Combo Box

The screenshot shows a software interface for configuring a form. On the left, a form titled 'Message' has several fields: 'From' (Text), 'Message Time' (Text), 'Sender's Email' (Text), 'City' (Text), 'Reply to' (Combo Box, highlighted in yellow), 'Property Owner Email' (Text), 'Message' (Memo), 'Agreement Type' (Combo Box), 'Price for Renting' (Number), and 'Check in' (Date). On the right, a configuration panel for the 'Reply to' field is open. It shows the following settings: Field Name: Reply to; Field Type: Combo Box; Theme: -Default-; User Mode Help: Add; Required: ; Show Scanner: ; Visibility Control: ; Formula Builder: [Property Owner Email]==''; Editability/Enable Control: ; Set Default Value: ; Display Order: 4; Max Rows: 20; System: Property Swap; Form: Property Ad; View(Optional): ; Display Column: Property Address; Buttons: Save, Reset, Delete.

1. Click on Reply to Combo Box
2. Check Visibility Control
3. Create Formula:
[Property Owner Email]==''
4. Click Save

Formula: *[Property Owner Email]==''* means that the Combo Box named Reply to is visible if Email of the Property Owner field is blank.



❖ Add a Text Field Named Parent Thread ID

The screenshot shows the WAG software interface. At the top, there are buttons for 'Delete Form' and 'Close'. Below that is a 'Message' button. The main area is divided into two panes. The left pane shows a list of fields with their respective data types (Text, Memo, etc.). A 'Toolbox' is open over this list, showing various field types like Button, Calendar Date, Combo Box, Date, List, Memo, Number, Query List, Record ID, Text, UNITE Names, and Yes/No. The right pane is titled 'Field - Parent Thread ID' and has tabs for 'Edit', 'Event', and 'Add'. The 'Edit' tab is active, showing the following configuration:

- Field Name: Parent Thread ID
- Field Type: Text
- Theme: -Default-
- Input Mask: None
- User Mode Help: Add
- Field Size: 200
- Required
- Show Scanner
- Calculated
- Formula Builder: `~([Property Swap].[Message].[Thread ID])`
- Visibility Control
- Editability/Enable Control
- User Input Validation
- Set Default Value
- Display Order: 11

At the bottom of the right pane, there are buttons for 'Save', 'Reset', and 'Delete'.

✓ Drag and drop a Text Field from the Toolbox into the Hidden Section

1. In the Properties box click in Field Name and type Parent Thread ID
2. Check Calculated and using Formula Builder add the following formula:
`~([Property Swap].[Message].[Thread ID])`
3. Click Save



❖ Add a Text Field Named Parent User ID

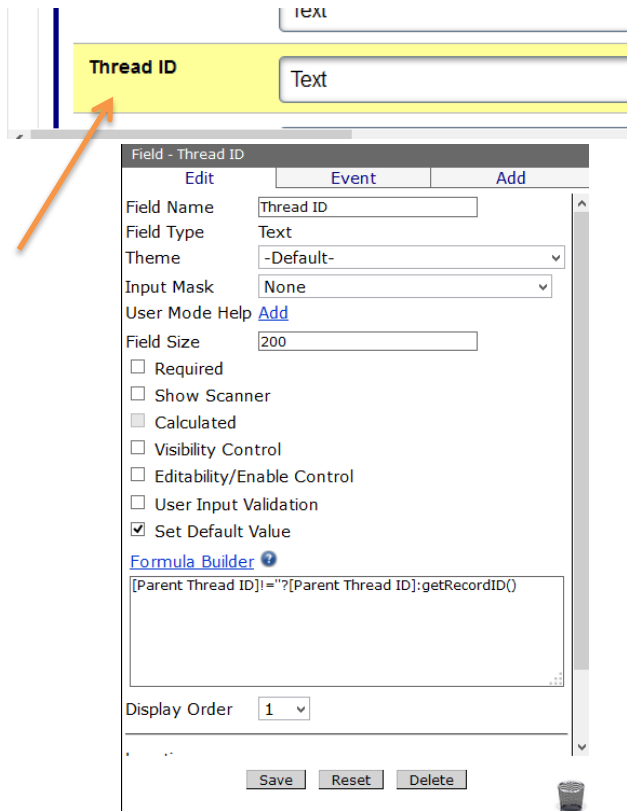
The screenshot shows the WAG form editor interface. At the top, there are buttons for 'Delete Form' and 'Close'. Below that is a 'Message' button. The main form area contains several text fields: 'To', 'Property ID from the Property Ad Form', 'Property ID from the Message Form', 'City from the Message Form', 'City from the Property Ad Form', 'Property ID', 'Reply to Property ID', and 'Parent Thread ID'. A 'Text' field is highlighted in yellow. A 'Toolbox' is open, showing a list of field types: Tabs/Columns, Sections, Fields, Button, Calendar Date, Combo Box, Date, List, Memo, Number, Query List, Record ID, Text, UNITE Names, and Yes/No. On the right, the 'Field - Parent User ID' properties panel is open. It has tabs for 'Edit', 'Event', and 'Add'. The 'Edit' tab is active, showing the following properties: Field Name: Parent User ID, Field Type: Text, Theme: -Default-, Input Mask: None, User Mode Help: Add, Field Size: 200, Required: , Show Scanner: , Calculated: , Formula Builder: ~([Property Swap].[Message].[User ID]), Visibility Control: , Editability/Enable Control: , User Input Validation: , Set Default Value: , Display Order: 13. At the bottom of the properties panel are buttons for 'Save', 'Reset', and 'Delete'.

✓ Drag and drop a Text Field from the Toolbox into the form

1. In the Properties box click in Field Name and type Parent User ID
2. Check Calculated and using Formula Builder add the following formula:
~([Property Swap].[Message].[User ID])
3. Click Save



❖ Set Default Value for the Field Thread ID



1. Click on Thread ID
2. Check Set Default Value and using Formula Builder create the following formula:
[Parent Thread ID]!="?[Parent Thread ID]:getRecordID()
3. Click Save



❖ Set the Default Value for the Field User ID

The screenshot shows two text input fields. The top one is labeled 'Thread ID' and contains the text 'Text'. The bottom one is labeled 'User ID' and also contains 'Text'. An orange arrow points to the 'User ID' label. Below this is a detailed configuration window for the 'User ID' field. The window has tabs for 'Edit', 'Event', and 'Add', with 'Edit' selected. It contains the following settings:

- Field Name: User ID
- Field Type: Text
- Theme: -Default-
- Input Mask: None
- User Mode Help: Add
- Field Size: 200
- Required:
- Show Scanner:
- Calculated:
- Visibility Control:
- Editability/Enable Control:
- User Input Validation:
- Set Default Value:

Below the checkboxes is a 'Formula Builder' section with a text area containing the formula: `[Parent User ID]!="?[Parent User ID]:getLogonUserID()`. At the bottom, there is a 'Display Order' dropdown set to '2' and a 'Location' dropdown. At the very bottom are 'Save', 'Reset', and 'Delete' buttons.

1. Click on User ID
2. Check Set Default Value and using Formula Builder create the following formula:
[Parent User ID]!="?[Parent User ID]:getLogonUserID()
3. Click Save



❖ Add a New Field Named Agreement Type:

- ✓ Drag and drop a Text Field from the Toolbox into the form

 1. In the Properties box click in Field Name
 2. Type Agreement Type:
 3. Check Visibility Control and using Formula Builder create the following formula:
[Thread ID]! =getRecordID()
 4. Check Editability/Enable Control and make sure the formula box displays false
 5. Click Save



❖ Configure the Price for Renting Field

1. Click on Price for Renting
2. Check Editability/Enable Control and create the following formula:
[Thread ID]=getRecordID()
3. Check Set Default Value and using Formula Builder create the following formula:
([Thread ID]!=getRecordID())&&getRecordMode()=='new'?~([Property Swap].[Message].[Price for Renting]):''
4. Click Save



❖ Configure Check in Date Field

The screenshot shows the WAG configuration interface. On the left, the 'Message Form' is displayed with fields for Agreement Type, Agreement Type, Message, Price for Renting, Check in Date, Check out Date, Dates are Flexible, and Dates are Flexible. The 'Check in Date' field is highlighted in yellow. On the right, the configuration pane for the 'Check in Date' field is shown. It includes options for Edit, Event, and Add. The field name is 'Check in Date', the field type is 'Date', and the field format is 'MM/dd/yyyy'. The 'Editability/Enable Control' checkbox is checked, and the 'Set Default Value' checkbox is also checked. The formula builder shows the following formulas:

```
[Thread ID]==getRecordID()
```

```
[(Thread ID)!=getRecordID()&&getRecordMode()=='new'?~([Property Swap].[Message].[Check in Date]):"
```

Buttons for Save, Reset, and Delete are visible at the bottom of the configuration pane.

1. Click on Check in Date field
2. Check Editability /Enable Control and using Formula Builder create following formula:
[Thread ID]==getRecordID()
3. Check Set Default Value and using Formula Builder create the following formula:
[(Thread ID)!=getRecordID()&&getRecordMode()=='new'?~([Property Swap].[Message].[Check in Date]):"
4. Click Save



❖ Configure Check out Date Field

The screenshot displays the WAG configuration interface. On the left, a 'Message Form' is shown with various fields: Agreement Type, Agreement Type (Text), Message (Memo), Price for Renting (Number), Check in Date (Date), Check out Date (Date, highlighted in yellow), Dates are Flexible, and Dates are Flexible (Text). A 'Send' button is at the bottom. On the right, the 'Field - Check out Date' configuration panel is open, showing options for Edit, Event, and Add. The field name is 'Check out Date', type is 'Date', and format is 'MM/dd/yyyy'. The 'Editability/Enable Control' checkbox is checked. The Formula Builder contains the formula: `[Thread ID]==getRecordID()`. Below this, the 'Set Default Value' checkbox is checked, and the Formula Builder contains the formula: `(([Thread ID]!=getRecordID())&&getRecordMode()=='new')?~([Property Swap].[Message].[Check out Date]):"`. Buttons for Save, Reset, and Delete are at the bottom.

1. Click on Check out Date
2. Check Editability /Enable Control and using Formula Builder create following formula:
[Thread ID]==getRecordID()
3. Check Set Default Value and using Formula Builder create following formula:
(([Thread ID]!=getRecordID())&&getRecordMode()=='new')?~([Property Swap].[Message].[Check out Date]):"
4. Click Save



❖ Add a Text Field Named Dates are Flexible:

The screenshot displays a software interface for editing a form. The main form area on the left contains several fields: 'Agreement Type' (dropdown), 'Agreement Type:' (text), 'Message' (memo), 'Price for Renting' (number), 'Check in Date' (date), 'Check out Date' (date), and 'Dates are Flexible' (dropdown). The 'Dates are Flexible' field is highlighted in yellow. A 'Text' field is added below it, also highlighted. The right-hand side shows a 'Field - Dates are Flexible:' properties panel with tabs for 'Edit', 'Event', and 'Add'. The 'Edit' tab is active, showing the following configuration: Field Name: 'Dates are Flexible:', Field Type: 'Text', Theme: '-Default-', Input Mask: 'None', User Mode Help: 'Add', Field Size: '200'. Checkboxes for 'Required', 'Show Scanner', and 'Calculated' are unchecked. 'Visibility Control' and 'Editability/Enable Control' are checked. The 'Formula Builder' shows the formula: `[Thread ID]!=getRecordID()`. The 'false' value is displayed in the formula box. At the bottom of the properties panel are 'Save', 'Reset', and 'Delete' buttons.

✓ Drag and drop a Text Field from the Toolbox into the form

1. In the Properties box click into the Field Name
2. Type Dates are Flexible:
3. Check Visibility Control and using Formula Builder create the following formula:
[Thread ID]!=getRecordID()
4. Check Editability/Enable Control and make sure formula box displays false
5. Click Save



❖ Configure Dates are Flexible and Agreement Type Fields

the Message Form

Agreement Type

Agreement Type: Text

Message Memo

Price for Renting Number

Check in Date Date

Check out Date Date

Dates are Flexible

Dates are Flexible: Text

Send

Field - Dates are Flexible

Edit Event Add

Field Name Dates are Flexible

Field Type List

Theme -Default-

User Mode Help Add

List Value	Remove
No	Remove
Yes	Remove

Multiple Values

Required

Visibility Control

Formula Builder

[Thread ID]==getRecordID()

Editability/Enable Control

Set Default Value

Display Order 14

Location: Message

Tab: Message

Save Reset Delete

1. Click on Dates are Flexible
2. Check Visibility Control
3. Using Formula Builder create the following formula:
[Thread ID]==getRecordID()
4. Click Save
5. Repeat the same for the Agreement Type field



❖ Moving fields to the Hidden Section

The screenshot displays the WAG software interface for configuring a form. At the top, there is a message bar with the text "Message: Show Advanced Options" and a "Toolbox" button. Below this, there are sections for "Description:", "Unique Keys:", "Buttons Visibility:", and "Default Mode: Read Mode". There are "Delete Form" and "Close" buttons. The main area shows a "Message" button and a "FLEXIBLE" section with a "Hidden Section" expanded. Several text fields are listed, including "Owner Email from the Property Ad form", "Owner Email from the Message Form", "Dates Are Flexible:", "Agreement Type:", "Reply to Property ID", "Thread ID", "User ID", and "Owner Replies To". On the right, a configuration panel for the "Field - Owner Email from the Property Ad form" is open, showing options for "Edit", "Event", and "Add". The field name is "Owner Email from the Property Ad", the type is "Text", and the formula is "~([Property Swapp].[Property Ad].[Recipient's Email])". There are also checkboxes for "Required", "Show Scanner", "Calculated", "Visibility Control", "Editability/Enable Control", "User Input Validation", and "Set Default Value".

- ✓ By dragging and dropping, move the fields Owner Email from the Property Ad Form, Owner Email from the Message form, Dates Are Flexible:, Agreement Type:, Reply to Property ID to the Hidden Section as shown.



❖ Add Button Named Send

The screenshot shows a form editor interface. On the left is a form titled 'Message' with various input fields: 'Reply to', 'Property Owner Email' (Text), 'Message' (Memo), 'Agreement Type', 'Price for Renting' (Number), 'Check in Date' (Date), 'Check out Date' (Date), and 'Dates are Flexible'. A blue 'Button' is placed at the bottom of the form. On the right is a configuration panel for the 'Field - Button'. The 'Field Name' is 'Send', 'Field Type' is 'Button', and 'Theme' is '-Default-'. The 'User Mode Help' is 'Add'. The 'Make Button Available' section has 'Edit Mode' checked and 'Read Mode' and 'View Mode' unchecked. 'Visibility Control' and 'Editability/Enable Control' are also unchecked. 'Display Order' is set to 12. The 'Location' section shows 'Tab' as 'Message' and 'Section' as 'Message'. At the bottom of the panel are 'Save', 'Reset', and 'Delete' buttons.

✓ Drag and drop a Button Field from the Toolbox into the form

1. Click in Field Name
2. Type Send
3. Click Save



❖ Set Visibility for the Send Button

The screenshot displays the configuration interface for the 'Send' button. On the left, a form is shown with various fields: 'Price for Renting' (Number), 'Check in Date' (Date), 'Check out Date' (Date), 'Dates are Flexible' (toggle), 'Recipient's email' (Text), 'Thread ID' (Text), 'User ID' (Text), and 'Owner Replies To' (Text). A 'Send' button is highlighted in yellow. On the right, the configuration pane for the 'Send' button is visible. It includes options for 'Edit', 'Event', and 'Add'. The 'Field Name' is 'Send', 'Field Type' is 'Button', and 'Theme' is '-Default-'. The 'User Mode Help' is 'Add'. The 'Button Group Name' and 'Button Order in Group' are empty. The 'Make Button Available' section has 'Edit Mode' checked, 'Read Mode' unchecked, and 'View Mode' unchecked. The 'Visibility Control' is checked, and the 'Formula Builder' contains the formula: `((Thread ID)==getRecordID())&&(getRecordMode())=='new'`. The 'Editability/Enable Control' is unchecked, and the 'Display Order' is 14. The 'Location' is set to 'Message' for both 'Tab' and 'Section'. At the bottom, there are 'Save', 'Reset', and 'Delete' buttons.

1. Check Visibility Control
2. Using Formula Builder create the following formula:
`((Thread ID]==getRecordID())&&(getRecordMode())=='new')`
3. Click Save



❖ Add onClick Event to the Send Button

The screenshot displays the configuration for an onClick event on the Send button. The left pane shows the form fields: Property Owner Email (Text), Message (Memo), Agreement Type (dropdown), Price For Renting (Number), Check In (Date), Check Out (Date), and Dates Are Flexible (dropdown). The right pane shows the event configuration: Event (OnClick), Action (Save & Email), Condition (Formula Builder Help), Email To (Add Fields (Comma Delimited) with [Property Owner Email]), Applies to UNITE Names Only (Email to Selected Persons), Subject (Field with City), Body (Text with 'You've got a new message in the Property Swap WAG app.'), and Include link to record checked.

4. Click on Event
5. Click Add New Event
 - Action: Save & Email
 - Email To: [Property Owner Email]
 - Field: City
 - Body: You've got a new message in the Property Swap WAG app.
 - Include link to record checked
6. Click Add

This onClick event will save the message as well as send an email to the Property Owner with the new message.



❖ Add a Button Named Reply



Field - Button		
Edit	Event	Add
Field Name	<input type="text" value="Reply"/>	
Field Type	Button	
Theme	-Default-	
User Mode Help	Add	
Button Group Name	<input type="text"/>	
Button Order in Group	<input type="text"/>	
Make Button Available:		
<input checked="" type="checkbox"/> Edit Mode	<input checked="" type="checkbox"/> Read Mode	<input checked="" type="checkbox"/> View Mode
<input checked="" type="checkbox"/> Visibility Control		
Formula Builder ?		
<pre>((Thread ID)==getRecordID())&&(getRecordMode()=='new')</pre>		
<input type="checkbox"/> Editability/Enable Control		
Display Order	15 ▼	
Location:		

✓ Drag and drop a Button Field from the Toolbox into the form

1. Click in Field Name and type Reply
2. Check Edit Mode, Read Mode, and View Mode
3. Check Visibility Control and create formula:
((Thread ID)=getRecordID())&&(getRecordMode()='new')
4. Click Save



❖ Add onClick Events to the Reply Button

The screenshot shows a web interface for configuring an event. At the top, there are buttons for "Delete Form" and "Close". Below that is a "Message" button. The main form is divided into two sections. The left section contains fields for "Agreement Type", "Price for Renting" (set to "Number"), "Check in Date", "Check out Date", and "Dates are Flexible". Below these is a "Send" button and a highlighted "Reply" button. The right section, titled "Field - Reply", has tabs for "Edit", "Event", and "Add". The "Event" tab is active, showing "Event" set to "OnClick", "Action" set to "Save & Email", and "Fire Order" set to "4". There is a "Condition" field with a link to "Formula Builder Help". Below this is an "Email To" field with a link to "Add Fields" and the text "(Comma Delimited)". The "Email To" field contains "[Owner Replies To]". There is a section for "Applies to UNITE Names Only:" with a dropdown set to "Email to Selected Persons". Below that are radio buttons for "Subject" (Text and Field), with "Field" selected. A dropdown for "City" is shown. Another section has radio buttons for "Body" (Text and Field), with "Text" selected. The "Body" field contains the text "You have a new message.". At the bottom of the right section are "Save", "Delete", and "Cancel" buttons.

1. Click on Event
2. Add New Event
 - Action: Save & Email
 - Email To: [Owner Replies To]
 - Field: City
 - Body: You have a new message.
 - Include link to record checked
7. Click Add



❖ Configure Message Thread Subform

1. Check Criteria Based
2. Check Message, Message Time, Sender's Email with a 1,2,3 Display Order
3. Click Set Filter on Thread ID and choose =Thread ID as shown on the screen below
4. Click Save

Section - Message Thread

Edit Add

Section Name

Display Order

Theme

Section Type

User Mode Help [Add](#)

Show in Print Preview

Visibility Control

Editability/Enable Control

Criteria Based

Allow Add New Records

Allow Link Records

Page Size

System

Form

Fields (Show Total only applies on Number Fields)

Ad Form	<input type="text"/>	<input type="checkbox"/>
Set Filter		
<input type="checkbox"/> Property Owner Email	<input type="text"/>	<input type="checkbox"/>
Set Filter		
<input type="checkbox"/> Reply To	<input type="text"/>	<input type="checkbox"/>
Set Filter		
<input type="checkbox"/> Reply to Property ID	<input type="text"/>	<input type="checkbox"/>
Set Filter		
<input checked="" type="checkbox"/> Sender's Email	<input type="text" value="3"/>	<input type="checkbox"/>
Set Filter		
<input type="checkbox"/> Swap For	<input type="text"/>	<input type="checkbox"/>
Set Filter		
<input type="checkbox"/> Thread ID	<input type="text"/>	<input type="checkbox"/>
<input type="text" value="="/>		
<input type="text" value="Thread ID"/>		Remove F

Auto Populate Subform Fields From Parent Record

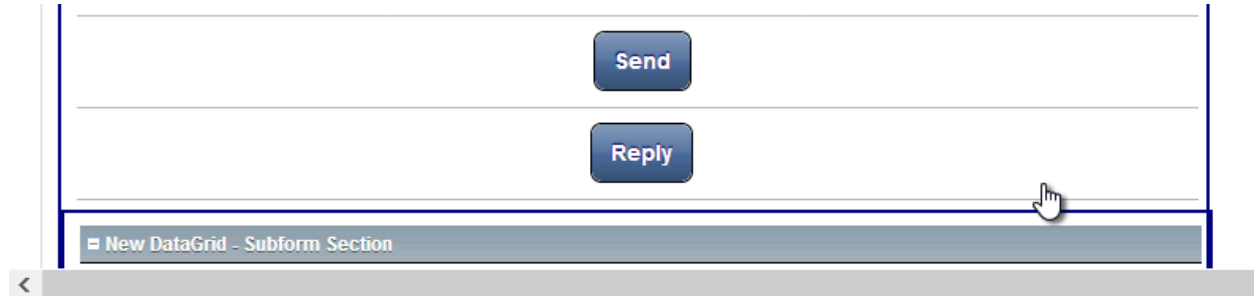
Location:

Tab

Column



❖ Add a DataGrid-Subform Section titled Quick Property Look



1. Drag and drop a DataGrid-Subform Section from the Toolbox beneath the Reply button. Then, check, and add the following:

Section - Add Section

Edit Add

Add Tab Add Column Add Section Add Field

Section Name Quick Property Look

Section Type DataGrid - Subform

Show in Print Preview

Visibility Control

Editability/Enable Control

Criteria Based

Allow Add New Records

Allow Link Records

Page Size 20

System Property Swap

Form Property Ad

Fields (Show Total only applies on Number Fields)

Preferred Destination:

[Set Filter](#)

Price for Renting:

[Set Filter](#)

Price for Renting:

[Set Filter](#)

Property Address:

[Set Filter](#)

Property Address:

[Set Filter](#)

Property ID:

[Set Filter](#)

=

Property ID [Remove F](#)



❖ Limit the visibility of the Edit, Delete and Save Buttons

The screenshot shows the WAG interface for configuring a message. The top section includes a description field, public access settings (Allow Public Access, Read, New, Update, Delete), and a toolbar with buttons: Available Actions, Edit, New, Delete, Print Preview, Save, Cancel, and Back to View. Below the toolbar are settings for Buttons Visibility, Default Mode, Header, Footer, Header Theme, Footer Theme, and Tabs Theme. A 'Toolbox' button is visible on the right. Below the main settings, there is a 'Message' button and a form with fields for From, Message Time, and Sender's Email. A 'Button Visibility - Edit Button' dialog box is open, showing 'Visibility Control' checked and a formula: `getLogonUserEmail()=[Property Owner Email]`. A 'Save' button is at the bottom of the dialog.

1. Click Show Advanced Options on the top of the page
2. Click on the Edit button
3. Check Visibility Control in the Properties box and create formula:
getLogonUserEmail()=[Property Owner Email]
4. Click Save

This formula means that the Edit button is visible only if logged on user's email equals to Property Owner Email.

5. Repeat the same for the Delete button



❖ Set Visibility for the Save Button

The screenshot shows the WAG configuration interface for a button named 'Message'. The 'Buttons Visibility' section includes a row of buttons: Available Actions, Edit, New, Delete, Print Preview, Save, Cancel, and Back to View. The 'Read Mode' section has radio buttons for Classic, No Header, and Custom, and dropdown menus for Header Theme, Footer Theme, and Tabs Theme, all set to '-Default-'. A 'Button Visibility - Save Button' dialog is open, showing 'Visibility Control' checked and 'false' entered in the formula field.

1. Click Show Advanced Options on the top of the page
2. Click on Save Button
3. Check Visibility Control and make sure it displays false
4. Click Save

This formula means that the Save button is invisible for all users.



❖ Configure Reply to Ad Subform

The screenshot shows the 'Property Ad' configuration interface. At the top, there is a 'Toolbox' dropdown menu. Below it, the 'Description:' field is set to 'Show Advanced Options'. The 'Unique Keys:' field is empty. The 'Buttons Visibility:' field is set to 'Default Mode: Read Mode'. There are 'Delete Form' and 'Close' buttons. The main content area is divided into tabs: 'Location of the Property', 'Property Owner Information', 'Property Description', 'Property Overview', 'Contact The Owner', and 'Owner's Mailbox'. The 'Reply to Ad' subform is selected, showing a 'New DataGrid - Subform Section' button. The right-hand panel is titled 'Section - Reply to Ad' and contains the following configuration options:

- Section Name: Reply to Ad
- Display Order: 0
- Theme: -Default-
- Section Type: DataGrid - Subform
- User Mode Help: [Add](#)
- Show in Print Preview
- Visibility Control
- Editability/Enable Control
- Criteria Based
- Allow Add New Records
- Allow Link Records
- Page Size: 20
- System: Property Swap
- Form: Message
- Fields (Show Total only applies on Number Fields):

Field	Display Order	Show Total
<input type="checkbox"/> Agreement Type		<input type="checkbox"/>
Set Filter		
<input type="checkbox"/> Check in Date		<input type="checkbox"/>
Set Filter		

1. Go to the Property Ad Form, Contact the Owner Tab
2. Click on the Reply to Ad Subform
3. Check Criteria Based
4. In the Form drop down list choose Message
5. Under the fields choose From, Message, Message Time, Sender's Email, and Property ID
6. Set Filter for the Property ID to =Property ID
7. Under the Display Order type the numbers 1, 2, 3, 4, 5
8. Click Add



❖ Configure Messages Subform

Property Ad: [Show Advanced Options](#) **Toolbox**

Description:
Unique Keys: Buttons Visibility: Default Mode: Read Mode
[Delete Form](#) [Close](#)

Location of the Property Property Owner Information Property Description Property Overview Contact The Owner **Owner's Mailbox**

Messages

▣ New DataGrid - Subform Section

Section - Messages
[Edit](#) [Add](#)

Section Name: Messages
Display Order: 0
Theme: -Default-
Section Type: DataGrid - Subform
User Mode Help [Add](#)

Show in Print Preview
 Visibility Control
 Editability/Enable Control
 Criteria Based
 Allow Add New Records
 Allow Link Records
Page Size: 20

System: Property Swap
Form: Message

Fields (Show Total only applies on Number Fields)

Field	Display Order	Show Total
<input type="checkbox"/> Agreement Type Set Filter	<input type="text"/>	<input type="checkbox"/>
<input type="checkbox"/> Check in Date Set Filter	<input type="text"/>	<input type="checkbox"/>

[Save](#) [Reset](#) [Delete](#)

1. Click on the Owner's Mailbox Tab
2. Drag and drop a Datagrid-Subform Section from the Toolbox into the form
3. In the Properties box click in the Section Name and type Messages
4. Check: Criteria Based and Uncheck: Allow Add New Records
5. In the Form drop down list choose Message
6. Under the fields choose From, Message, Message Time, Property ID, Property Owner Email and Sender's Email
7. Set Filter for Property ID to =Property ID
8. Set Filter for Property Owner Email to =Property Owner Email
9. Set Filter for Sender's Email to <>Property Owner Email (*not equal*)
10. Under the Display Order type the numbers 1, 2, 3, 4, 5, 6
11. Click Add



❖ Set the Visibility of Edit, Delete and Save Buttons

The screenshot shows the configuration interface for a 'Property Ad' in the WAG system. The 'Buttons Visibility' section is active, showing a row of buttons: Available Actions, Edit, New, Delete, Print Preview, Save, Cancel, and Back to View. The 'Read Mode' section is also visible, with radio buttons for Classic, No Header, and Custom, and another set for Classic, No Footer, and Custom. Below these are dropdown menus for Header Theme, Footer Theme, and Tabs Theme, all set to '-Default-'. At the bottom right, a 'Button Visibility - Edit Button' panel is open, showing a checked 'Visibility Control' checkbox and a 'Formula Builder' field containing the formula: `getLogonUserEmail()==[Property Owner Email]`. A 'Save' button is located at the bottom of this panel. The main interface also shows a 'Messages' table with columns for From, Message, Message Time, Property ID, and Sender's Email, and a 'Messages' tab selected in the top navigation bar.

1. Click Show Advanced Options on the top of the page
2. Click on the Edit button
3. Check Visibility Control and create formula:
getLogonUserEmail()==[Property Owner Email]
4. Click Save
5. Repeat for the Delete and Save buttons

This formula means that the Edit button is visible only if the logged on user's email equals Email of the Property Owner.



❖ Add Visibility Control to the Location of the Property, Property Owner Information, and Property Description tabs

Property Ad: *Show Advanced Options*

Description: Unique Keys: Buttons Visibility: Edit, Delete, Save Default Mode: Read Mode Toolbox

Location of the Property | Property Owner Information | Property Description | Property Overview | Contact The Owner | Owner's Mailbox

Property Ad

Property Ad

country *

State

City

Location Description

Price for Renting

Property ID

Tab - Location of the Property

Tab Name

Display Order

Columns Theme

Allow Users to Click On Tab [Formula Builder](#)

true

Visibility Control [Formula Builder](#)

`getLogonUserEmail()=[Property Owner Email]`

Editability/Enable Control

1. Click on Location of the Property Tab
2. Check Visibility Control and create formula:
getLogonUserEmail()=[Property Owner Email]
3. Click Save and repeat for Property Owner Information, Property Description tabs

Formula *getLogonUserEmail()=[Property Owner Email]* means that the tab is visible if the user's logged on email and the value in the Property Owner Email field are the same.

❖ Add a View Named My Property

Design Home | Forms | Views | Applications | Themes

Views
[Add a New View](#)

View Name	Default View	View Fields	Field Order in View
Countries	No	Country	Edit Display Info



1. Click Add a New View

Design Home Forms Views Applications Themes

Save Cancel

View Name:

View Type:

Form:

Extra Information Show Form Show Created By Show Created Date Show Last Updated By Show Last Updated Date Show Available

Actions

Default View:

Field Name	Show in View	Searchable	Default Search
Location of the Property			
Property Ad			
Property Ad			
country*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>
State	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>
City	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>
Location Description	<input type="checkbox"/>	<input type="checkbox"/>	<input type="radio"/>
Price for Renting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="radio"/>
Property ID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="radio"/>
Property Owner Information			
Property Owner Information			
Property Owner Information			
Name	<input type="checkbox"/>	<input type="checkbox"/>	<input type="radio"/>
Phone Number	<input type="checkbox"/>	<input type="checkbox"/>	<input type="radio"/>
Property Owner Email	<input type="checkbox"/>	<input type="checkbox"/>	<input type="radio"/>
Property Address	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>
Property Description			
Property Description			

2. In the View Name type My Property
3. Check the boxes next to Country, State, City, Property Address, and Pictures of the Property
4. Click Save



❖ Setting the order of the Field/Section Names

Design Home Forms Views Applications Themes

Edit View Definition

Add New Line Save Back

Field/Section Name	Show in Header	Alias	Move
Pictures of the property:	<input checked="" type="checkbox"/>	<input type="text"/>	:::
country	<input checked="" type="checkbox"/>	<input type="text"/>	:::
State	<input checked="" type="checkbox"/>	<input type="text"/>	:::
City	<input checked="" type="checkbox"/>	<input type="text"/>	:::
Property Address	<input checked="" type="checkbox"/>	<input type="text"/>	:::

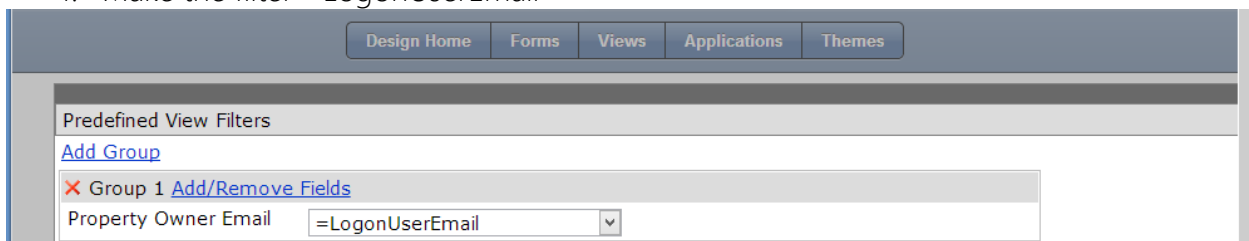
1. Click Edit View Definition
2. Move Pictures of the Property to the top of the list by dragging it up



❖ Set Predefined Filter for the View



1. Check Predefined Filter
2. Choose Property Owner Email
3. Click OK
4. Make the filter =LogonUserEmail



5. Click Save.

This formula will filter the Property Owner Email and show only properties submitted by the property owner in the view My Property.



❖ Using Mobile View Designer

Save Layout

none 3G/3GS

Horizontal Resolution: 320 px
Vertical Resolution: 480 px
Pixel Density: 165ppi
Css Ratio: 1

Property Address

City State

Country

Pictures of the Property Show: 0 images

Used Fields

1. Click on the My Property view, then Mobile View Designer
2. Drag the fields around until you get the desired look
3. Click Save



❖ Add a View Named Properties

Design Home Forms Views Applications Themes

Save Cancel

View Name:

View Type:

Form:

Extra Information Show Form Show Created By Show Created Date Show Last Updated By Show Last Updated Date Show Available Actions

Default View:

Field Name	Show in View	Searchable	Default Search
Location of the Property			
Property Ad			
Property Ad			
country*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>
State	<input type="checkbox"/>	<input type="checkbox"/>	<input type="radio"/>
City	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>
Location Description	<input type="checkbox"/>	<input type="checkbox"/>	<input type="radio"/>
Price for Renting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="radio"/>
Property ID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="radio"/>
Property Owner Information			
Property Owner Information			
Property Owner Information			
Name	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>
Phone Number	<input type="checkbox"/>	<input type="checkbox"/>	<input type="radio"/>
Property Owner Email	<input type="checkbox"/>	<input type="checkbox"/>	<input type="radio"/>
Property Address	<input type="checkbox"/>	<input type="checkbox"/>	<input type="radio"/>
Property Description			
Property Description			

1. Click Views
2. Click Add a New View
3. In the View Name type Properties
4. Check Default View
5. Check the following field names: Country, City, Property Type, Bed/Bath, Floor Area, Name and Pictures of the Property
6. Click Save



❖ Change the Order of the Field/Section Names

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Edit View Definition

Add New Line Save Back

Field/Section Name	Show in Header	Alias	Move
Pictures of the property:	<input checked="" type="checkbox"/>	<input type="text"/>	:::
country	<input checked="" type="checkbox"/>	<input type="text"/>	:::
City	<input checked="" type="checkbox"/>	<input type="text"/>	:::
Property Type	<input checked="" type="checkbox"/>	<input type="text"/>	:::
Bed/Bath	<input checked="" type="checkbox"/>	<input type="text"/>	:::
Floor Area	<input checked="" type="checkbox"/>	<input type="text"/>	:::
Name	<input checked="" type="checkbox"/>	<input type="text"/>	:::

✓ By dragging the Field/Section Names up and down it is possible to set the order in any desirable way

1. Move Pictures of the Property to the top of the list by dragging it up
2. Click Save



❖ Add a View Named Property Map

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Save Cancel

View Name:

View Type:

Form:

Extra Information Show Form Show Created By Show Created Date Show Last Updated By Show Last Updated Date Show Available Actions

Default View:

Field Name	Show in View	Searchable	Default	Search	Address Field	Address Label
Location of the Property						
Property Ad						
Property Ad						
country*	<input type="checkbox"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
State	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
City	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Location Description	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Price for Renting	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Property ID	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Property Owner Information						
Property Owner Information						
Property Owner Information						
Name	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Phone Number	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Property Owner Email	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Property Address	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Property Description						
Property Description						

1. Click Views
2. Click Add a New View
3. In the View Name type Property Map
4. Form: Property Ad and View Type: Map
5. Check everything in the Property Address row
6. Click Save



❖ Add a View Named My Inbox

View Name:

View Type:

Form:

Show Form
 Show Created By
 Show Created Date
 Show Last Updated By
 Show Last Updated Date
 Show Available Actions

Default View:

Field Name	Show in View	Searchable	Default Search
Message			
Message			
Message			
From	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>
Message Time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="radio"/>
Sender's Email	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>
City	<input type="checkbox"/>	<input type="checkbox"/>	<input type="radio"/>
Reply To	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>
Message	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>
Agreement Type	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>
Price for Renting	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>
Check in Date	<input type="checkbox"/>	<input type="checkbox"/>	<input type="radio"/>
Check Out Date	<input type="checkbox"/>	<input type="checkbox"/>	<input type="radio"/>
Dates Are Flexible	<input type="checkbox"/>	<input type="checkbox"/>	<input type="radio"/>
Hidden Section			
Property ID From The Message Form	<input type="checkbox"/>	<input type="checkbox"/>	<input type="radio"/>
Property ID from the Property Ad Form	<input type="checkbox"/>	<input type="checkbox"/>	<input type="radio"/>
Property ID	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>
Reply to Property ID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="radio"/>
Submitted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="radio"/>

1. Click Views
2. Click Add a New View
3. In the View Name type My Inbox
4. Form: Message
5. Check the following Fields: From, Sender's Email, Reply To, Message, Agreement Type, Price for Renting, Property ID
6. Click Save
7. Click Back
8. Check Predefined Filter



The screenshot shows the 'Predefined View Filters' section of the WAG software. At the top, there are navigation tabs: 'Design Home', 'Forms', 'Views', 'Applications', and 'Themes'. Below these, the 'Predefined View Filters' section is active. It contains an 'Add Group' link and a list of filter groups. The first group, 'Group 1', is selected and shows '- No Fields -'. To the right, a 'Select Fields for Group 1' panel lists various fields with checkboxes. The field 'Owner Email from the Property Ad Form' is checked, while all other fields are unchecked.

9. Check Owner Email from the Property Ad Form
10. Click Ok

The screenshot shows the 'Predefined View Filters' section of the WAG software. The 'Group 1' filter is now configured. The text 'Owner Email from the Property Ad form' is followed by a dropdown menu containing the formula '=LogonUserEmail'. The 'Select Fields for Group 1' panel is no longer visible.

11. Choose =LogonUserEmail as the filter
12. Click Save

This formula will make emails visible if the logged on user's email address matches the Owner Email from the Property Ad Form field's email.



❖ Adding onClick Event to the Submit Ad Button

The screenshot shows the WAG software interface. On the left, there is a form with several text input fields labeled: Floor Area, Furnished, Parking, Car Included, Internet, Cable TV, Grill, Microwave, Carpet, and Exchange Destination. Below these fields is a yellow button labeled 'Submit Ad'. On the right, a configuration panel titled 'Field - Submit Ad' is open. It has tabs for 'Edit', 'Event', and 'Add'. The 'Event' dropdown is set to 'onClick', and the 'Action' dropdown is set to 'Go to View'. Below the action dropdown, there is a 'Go to View' section with a dropdown menu set to 'My Property'. At the bottom of the configuration panel, there are 'Add' and 'Cancel' buttons.

1. Go to the Property Ad form and click on the Submit Ad Button
2. Click Event
3. Click Add New Event
 - Action: Go to View
 - Go to View: My Property
4. Click Add