



# RECIPE APPLICATION - ADDING MORE FEATURES



# WAG™

Web App Generator™

Democratizing Application Development™

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WALNUT CREEK, CALIFORNIA

2013



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## Objective

What will we add?

In this tutorial we take a look at adding more features to your first consumer style app. This includes the ability to review and approve a recipe before it goes live for all other users to see.

If you haven't already made the Recipe app, check out Learn How to WAG on [corporatecentral.com](http://corporatecentral.com). We will learn how to:

1. Limit which items appear in views
2. Add sections that only specific users and administrators can see
3. Limit the ability for users to change other's data

Before we begin, we will need to examine what the workflow of this app will be. Currently it is as follows:

1. User clicks New Recipe
2. User enters Recipe data and clicks save.
3. The new recipe appears in the view.
4. The user can use the view to search for other recipes.

This is all fine and works well, but what happens if we get a malicious user? Recipe views can still be edited by anyone; there is no profanity filter or check for scrupulous material before the recipes are posted to the view. We will need to add the following functionality:

1. The app creator (or selected administrators) can review and approve each recipe before it is published.
2. Only approved recipes will appear in the main view.
3. Only the Recipe creator and administrators can modify the contents of a recipe.



User Mode | Design Mode Learn how to WAG™ Logged in as John Doe :: Log Off

**Design Home** | Forms | Views | Applications | Themes

**Add New Application**

---

**Application Information**

Application Name:	<input type="text" value="My Recipes App Development"/>	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.
Private:	<input type="checkbox"/>	Private Application will not be displayed in the List.
Email Address for Testing:	<input type="text"/>	All Email Actions will be sent to the email address list entered here, over and over global definitions

---

**Choose Application Design Template**

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

Application

Template: Application Name : Database Name : AppID of Template

Include all data:  If Checked, copy all data including user's data

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

1. Click *Applications*
2. Click *Create a New Application*
3. Type *My Recipes App Development* in the Application Name textbox
4. Click *the Select a WAG Application to use as my Design Template* button
5. Select the *My Recipes App* from the dropdown menu.
6. Check *Allow design changes*
7. Click *Create Application*.



My Recipes App Development *User*  
Mode | Design Mode [Learn how to WAG™](#) Logged in as John Doe :: [Log Off](#)

[Design Home](#) [Forms](#) [Views](#) [Applications](#) [Themes](#)

### Forms

## Add a New Form

Form	Public Access Settings
Ingredients	None
<b>Recipe</b>	None

1. Click on Recipe form

Recipe: [Edit](#)

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

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

[Recipe](#)

Total Time:

▣ Directions  
Rich Text - Enhanced  
[Click here to Add Fields](#)

▣ Ingredients  
Amount Ingredient  
[Click here to Add Fields](#)

▣ Multimedia  
Document Management  
[Click here to Add Fields](#)

▣ 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](#)

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

- ✓ Drag and Drop Standard Section from the toolbox



❖ Name the Standard Section

1. In the Properties Box click in Section Name and type Hidden Section
2. Check visibility Control and make sure it displays false
3. Click Save



- ❖ Create Text Field Named Submitter's Email

The screenshot displays a software interface for editing a form. At the top, there's a header with 'Recipe: Edit' and 'Description:'. Below that, 'Unique Keys:' and 'Buttons Visibility: Edit, Delete' are shown, along with 'Default Mode: Read Mode'. There are 'Delete Form' and 'Close' buttons. The main form area has a 'Recipe' button and a 'Click here to Add Fields' link. It contains sections for 'Ingredients' (with 'Amount' and 'Ingredient' columns), 'Multimedia', and 'Document Management'. A 'Hidden Section' is highlighted in yellow, containing a 'Text' field. On the right, a 'Field - Text' configuration panel is open, showing settings for 'Field Name', 'Field Type', 'Theme', 'Input Mask', 'User Mode Help', and 'Field Size'. A 'Toolbox' is also visible, listing various field types like 'Button', 'Calendar Date', 'Combo Box', etc.

- ✓ Drag and Drop a text field from the toolbox into the form



❖ Name the Text Field Submitter's Email

The screenshot shows the WAG software interface for editing a recipe. At the top, there's a header with 'Recipe: Edit' and a 'Toolbox' dropdown. Below the header, there are buttons for 'Delete Form' and 'Close'. The main form area is titled 'Recipe' and contains several sections: 'total time' with a 'Number' field, 'Directions' (Rich Text - Enhanced), 'Ingredients' (Amount and Ingredient columns), 'Multimedia' (Document Management), and a 'Hidden Section' with a 'Text' field. To the right, a 'Field - Text' properties box is open, showing the field name 'Submitter's Email', type 'Text', theme '-Default-', input mask 'None', and field size '200'. The 'Set Default Value' checkbox is checked, and the formula 'getLogonUserEmail()' is entered in the formula builder. Buttons for 'Save', 'Reset', and 'Delete' are at the bottom of the properties box.

1. In the Properties Box Click in Field Name and type Submitter's Email
2. Check Set Default Value and choose the formula  
*GetLogonUserEmail()*
3. Click Save





❖ Create Section Named Approval

Recipe: *Edit*

Description:

Unique Keys: Buttons Visibility: Edit, Delete Default Mode: Read Mode

Delete Form Close

Recipe

Directions

Rich Text - Enhanced

Click here to Add Fields

Ingredients

Amount	Ingredient

Click here to Add Fields

Multimedia

Document Management

Click here to Add Fields

Standard

Click here to Add Fields

Hidden Section

Submitter's Email Text

Section - Standard

Edit Add

Section Name Standard

Display Order 4

Theme -Default-

Section Type Standard

User Mode Help Add

Show in Print Preview

Visibility Control

Editability/Enabled

Location:

Tab Rec

Column Rec

Toolbox

- ▼ Tabs/Column
- ▲ Section
  - Standard
  - Matching
  - Document
  - Document Management
  - Fixed HTML
  - Rich Text - Enhanced
  - Rich Text
  - 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

The screenshot shows the WAG interface for editing a recipe. At the top, there's a header with 'Recipe: Edit', 'Description:', 'Unique Keys:', 'Buttons Visibility: Edit, Delete', and 'Default Mode: Read Mode'. A 'Toolbox' dropdown is visible. Below the header are 'Delete Form' and 'Close' buttons. The main content area shows a 'Recipe' button and a form with sections: 'Directions' (Rich Text - Enhanced), 'Ingredients' (table with 'Amount' and 'Ingredient' columns), 'Multimedia' (Document Management), and 'Standard'. A 'Submit My Recipe' button is also present. On the right, a 'Section - Approval' properties box is open, showing fields for 'Section Name' (Approval), 'Display Order' (5), 'Theme' (-Default-), 'Section Type' (Standard), 'User Mode Help' (Add), and checkboxes for 'Show in Print Preview' and 'Visibility Control'. A 'Formula Builder' link is also visible. The 'Location' section has 'Tab' and 'Column' dropdowns set to 'Recipe'. 'Save', 'Reset', and 'Delete' buttons are at the bottom of the properties box.

1. In the Properties Box click in Section Name
2. Type Approval
3. Check Visibility Control
4. Insert formula:  
`getLogonUserEmail()=='your email here'`
5. Click Save



❖ Create Yes/No Field Named Approved

The screenshot displays the 'Recipe' form in 'Edit' mode. The form includes sections for 'Rich Text - Enhanced', 'Ingredients', 'Multimedia', and 'Approval'. The 'Approval' section contains a 'Yes/No' field with a checked checkbox. An orange arrow points from this field to the 'Toolbox' in the configuration panel on the right. The configuration panel shows the 'Field - Yes/No' settings, including 'Field Name: Yes/No', 'Field Type: Yes/No', and 'Theme: -Default-'. The 'Toolbox' lists various field types, with 'Yes/No' highlighted in yellow.

✓ Drag and drop Yes/No field in the Approval Section from the Toolbox



❖ Name the Yes/No Field

The screenshot shows the 'Recipe' form editor interface. At the top, there are buttons for 'Delete Form' and 'Close'. Below that is a 'Recipe' button. The main area is divided into sections: 'Amount', 'Ingredient', 'Multimedia', 'Approval', and 'Hidden Section'. The 'Approval' section is expanded, showing a 'Yes/No' field with a checked checkbox. The 'Hidden Section' contains a 'Submitter's Email' field with the text 'Text'. On the right, a 'Toolbox' is visible. A 'Field - Yes/No' properties box is open, showing the 'Field Name' set to 'Approved', 'Field Type' as 'Yes/No', and 'Theme' as '-Default-'. There are checkboxes for 'Required', 'Calculated', 'Visibility Control', 'Editability/Enable Control', and 'Set Default Value'. The 'Display Order' is set to '0'. At the bottom of the properties box, there are 'Save', 'Reset', and 'Delete' buttons. The 'Save' button is highlighted with a yellow box.

1. In the Properties Box Click in Field Name
2. Type *Approved*
3. Click Save



❖ Preventing users from Editing Forms

The screenshot shows the configuration interface for a form named "Recipe". The "Buttons Visibility" section includes a row of buttons: "Available Actions", "Edit" (highlighted with a yellow box), "New", "Delete", "Print Preview", "Save", "Cancel", and "Back to View". The "Read Mode" section has radio buttons for "Classic", "No Header", and "Custom", with "Classic" selected. Below these are dropdown menus for "Header Theme", "Footer Theme", and "Tabs Theme", all set to "-Default-". At the bottom, a preview of the "Recipe" form is shown, and a "Button Visibility - Edit Button" dialog box is open, showing a "Visibility Control" checkbox checked and a "Formula Builder" box containing the formula: `[[Submitter's Email] == getLogonUserEmail()&&(Approved==0)||getLogonUserEmail()=="your email here"]`. The "Save" button in this dialog is highlighted with a yellow box.

- ❖ Click on Edit button
- ❖ In the Formula box insert:  
*[[Submitter's Email] ==*  
*getLogonUserEmail()&&(Approved==0)||getLogonUserEmail()=="your email here"]*
- ❖ Click Save.



❖ Preventing users from Deleting forms

The screenshot displays the configuration interface for a form named 'Recipe'. The 'Buttons Visibility' section shows a row of buttons: Available Actions, Edit, New, Delete, Print Preview, Save, Cancel, and Back to View. The 'Delete' button is highlighted with a yellow box. Below this, the 'Read Mode' section has radio buttons for 'Classic', 'No Header', and 'Custom' under both 'Header' and 'Footer' categories. Three dropdown menus for 'Header Theme', 'Footer Theme', and 'Tabs Theme' are set to '-Default-'. 'Save' and 'Cancel' buttons are at the bottom.

Below the configuration panel, a preview of the 'Recipe' form is shown. It has two main sections: 'Amount' and 'Ingredient'. The 'Amount' section contains a 'Multimedia' button and a 'Document Management' section. The 'Ingredient' section contains an 'Approval' button. The 'Delete' button in the preview is highlighted with a yellow box.

To the right, a 'Button Visibility - Delete Button' dialog is open. It has a 'VISIBILITY CONTROL' checkbox checked and a 'Formula Builder' section. The formula entered is: `(([Submitter's Email] == getLogonUserEmail())&&(Approved==0)||getLogonUserEmail()=your email here)`. The 'Save' button in the dialog is highlighted with a yellow box.

1. Click on Delete button
2. In the Formula box insert:  
*([Submitter's Email] ==*  
*getLogonUserEmail())&&(Approved==0)||getLogonUserEmail()="your email here")*
3. Click Save.



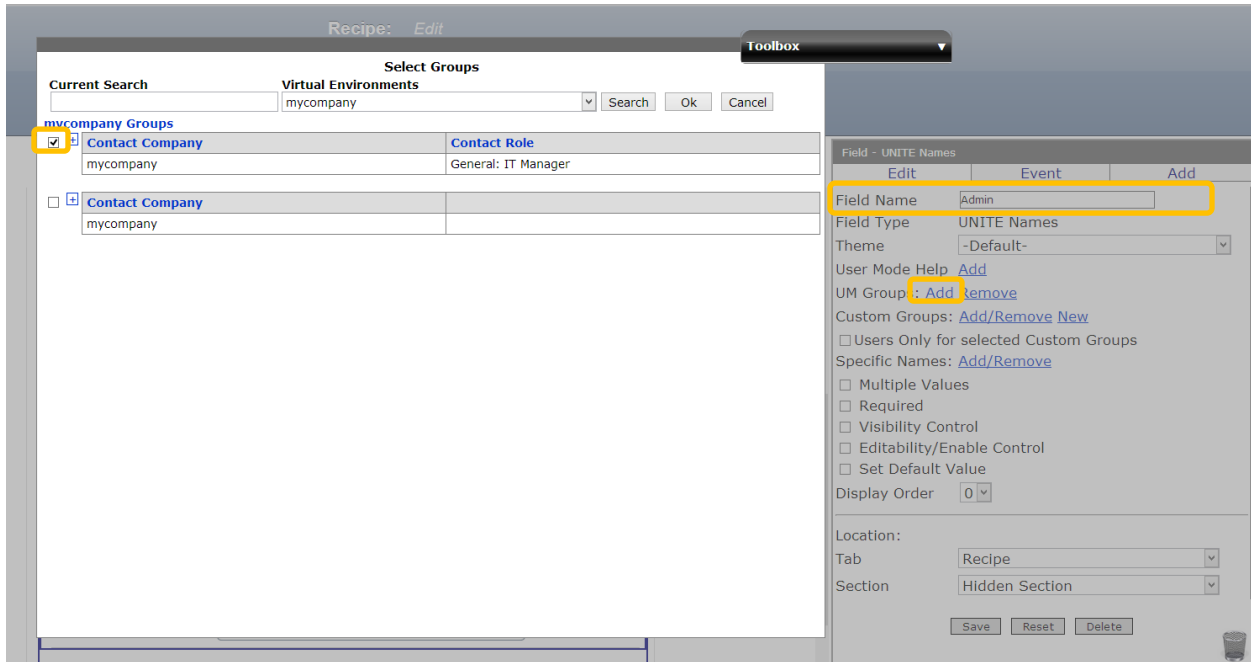
❖ Creating United Named Field Named Admin in the Hidden Section

The screenshot displays the 'Recipe' form editor interface. At the top, there are tabs for 'Edit', 'Event', and 'Add'. Below this, there are sections for 'Description:', 'Unique Keys:', 'Buttons Visibility: Edit, Delete Mode', and 'Default Mode: Read'. A 'Recipe' button is visible. The main form area is divided into sections: 'Ingredients' (with 'Amount' and 'Ingredient' columns), 'Multimedia', 'Approval' (with an 'Approved' checkbox), and 'Hidden Section'. The 'Hidden Section' contains a 'UNITE Names' field (highlighted in yellow) and a 'Submitter's Email' text field. On the right, a 'Field - UNITE Names' configuration panel is open, showing settings for 'Field Name', 'Field Type', 'Theme', 'User Mode Help', 'UM Groups', 'Custom Groups', 'Users Only for select', 'Specific Names', 'Display Order', 'Location', 'Tab', and 'Section'. A 'Toolbox' is also open, 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 'UNITE Names' field type is highlighted in the toolbox, and an orange arrow points from it to the 'UNITE Names' field in the form.

- ✓ Drag and drop a Unite Names field from the toolbox in the Hidden Section.



❖ Name the Unite Names Field.



1. In the Properties Box clicn in Field Name and type Admin
2. Click on Add UM groups
3. In the search find your company and check the box
4. Click OK.
5. Click Save.





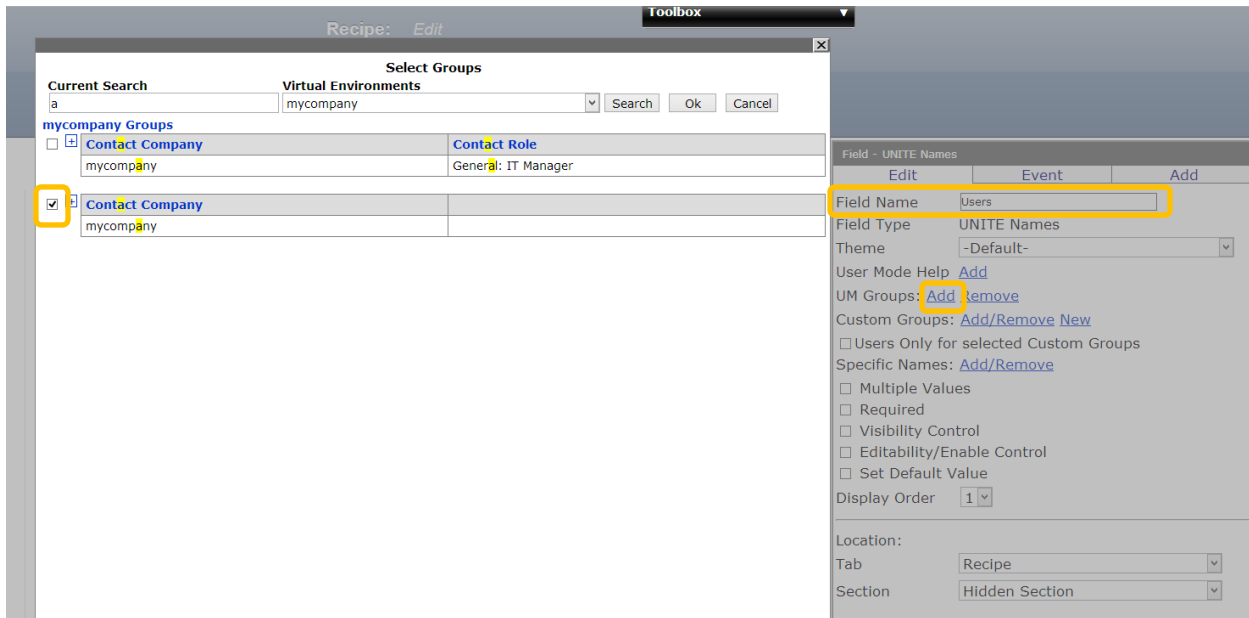
❖ Create United Names Field Named Users

The screenshot displays the WAG interface for editing a form. At the top, there is a header with 'Recipe: Edit' and 'Description:'. Below this, there are sections for 'Unique Keys:', 'Buttons Visibility: Edit, Delete Read Mode', and 'Default Mode:'. There are 'Delete Form' and 'Close' buttons. The main area shows a form with sections: 'Approval' (with an 'Approved' checkbox), 'Hidden Section' (with 'Admin' and 'UNITE Names' fields), and 'Submitter's Email' (with a 'Text' field). The 'UNITE Names' field is highlighted in yellow. To the right, a 'Field - UNITE Names' configuration panel is open, showing 'Field Name: UNITE Names', 'Field Type: UNITE Na', 'Theme: -Default', and various options like 'User Mode Help', 'UM Groups', 'Custom Groups', 'Users Only for selected', 'Multiple Values', 'Required', 'Visibility Control', and 'Editability/Enable Control'. A 'Toolbox' is also visible, listing various field types, with 'UNITE Names' highlighted in yellow. An orange arrow points from the 'UNITE Names' field in the toolbox to the 'UNITE Names' field in the form.

- ✓ Drag and drop United Names Field In the Hidden Section From the Toolbox



❖ Name the Unite Names Field



1. In the Properties Box Click on Field Name
2. Type Users
3. Click on Add in UM groups
4. Choose the mycompany ( or whatever is your company's name)
5. Click ok
6. Click Save



❖ Create predefined filters to the views

View Name	Default View	View Fields	Edit Display Info
<a href="#">Ingredients</a>	No	Ingredient, Amount	<a href="#">Edit Display Info</a>
<a href="#">Recipe</a>	No	Multimedia, Recipe Name, Food Category, Cook Time, Prep Time, Total Time	<a href="#">Edit Display Info</a>

1. Click on Views
2. Click Recipe

View Name:

Forms:

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

Actions:  Default View  Predefined Filters [Edit](#)  Allow Advanced Search  Visibility Control  Allow Public Access

View Theme:

Menu Theme:

Header Theme:

Footer Theme:

Export Control:

Field Name	Show in View	Searchable	Default Search
------------	--------------	------------	----------------

3. Click Predefined Filters

Predefined View Filters

[Add Group](#)

Group 1 [Add/Remove Fields](#)

- No Fields -

Select Fields for Group 1

- Admin (UNITE Names)
- Approved (Yes/No)
- Cook Time (Number)
- Food Category (List)
- Prep Time (Number)
- Recipe Name (Text)
- Submitter's Email (Text)
- Total Time (Number)
- Users (UNITE Names)

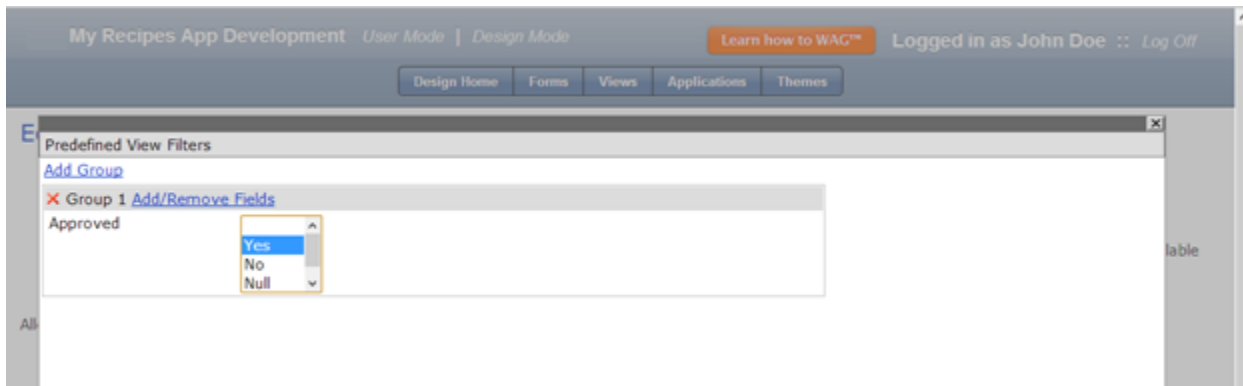
Menu Theme:

Header Theme:

Footer Theme:



Check Approved and Click OK on the bottom



1. Click Yes from the drop down list
2. Click Save on the bottom of the page.

❖ Create Hidden section in the Ingredients form



3. Click Forms
4. Click Ingredients



❖ Create Standard section Named Hidden Section

Ingredients: [Edit](#)

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

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

[Ingredients](#)

Ingredients

Amounts

Ingredient

Amount

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

**Toolbox**

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

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

- ✓ Drag and Drop Standard Section from the Toolbox into the form



❖ Name the hidden section

The screenshot shows the 'Ingredients' form in 'Edit' mode. The form has two columns: 'Ingredients' and 'Amounts'. The 'Ingredients' column has a table with one row containing a text field labeled 'Ingredient'. The 'Amounts' column has a table with one row containing a text field labeled 'Amount'. A 'Standard' section is visible in the 'Amounts' column with a 'Click here to Add Fields' link. On the right, the 'Properties Box' for the 'Hidden Section' is open, showing settings for Section Name, Display Order, Theme, Section Type, and Location. The 'Section Name' is set to 'Hidden Section', 'Display Order' is 1, 'Theme' is '-Default-', and 'Section Type' is 'Standard'. The 'Location' is set to 'Ingredients' for the 'Tab' and 'Amounts' for the 'Column'. There are 'Save', 'Reset', and 'Delete' buttons at the bottom of the Properties Box.

1. In the Properties Box click in Section Name
2. Type Hidden Section
3. Click Save



❖ Create Unite Names Fields Named Admin

The screenshot shows the WAG software interface for configuring a form. At the top, there is a header bar with the text "Ingredients: Edit" and "Default Mode: Read Mode". Below this, there are buttons for "Delete Form" and "Close". A blue button labeled "Ingredients" is positioned above the main form area.

The main form area is divided into two sections: "Ingredients" and "Amounts". The "Ingredients" section contains a field labeled "Ingredient" with a "Text" input type. The "Amounts" section contains a field labeled "Amount" with a "Text" input type and a "Hidden Section" containing a "UNITE Names" field.

On the right side, a configuration panel for the "UNITE Names" field is visible. It includes tabs for "Edit", "Event", and "Add". The "Edit" tab is active, showing the following configuration options:

- Field Name: UNITE Names
- Field Type: UNITE Names
- Theme: -Default-
- User Mode Help: Add
- UM Groups: Add
- Custom Groups: Tabs/Column
- Users Only for:
- Specific Names:
- Multiple Values:
- Required:
- Visibility Control:
- Editability/Events:
- Set Default Value:
- Display Order:
- Location:
- Tab:
- Section:

A "Toolbox" is open over the configuration panel, displaying a list of field types: Button, Calendar Date, Combo Box, Date, List, Memo, Number, Query List, Record ID, Text, UNITE Names, and Hidden Section. The "UNITE Names" field type is highlighted.

✓ Drag and Drop a UNITE names field from toolbox into the form



❖ Name the UNITE Names Field

The screenshot displays the 'Ingredients: Edit' dialog box with a 'Select Groups' section. The 'Current Search' is 'a' and 'Virtual Environments' is 'mycompany'. A table lists 'mycompany Groups' with columns for 'Contact Company' and 'Contact Role'. The first row is checked and shows 'mycompany' and 'General: IT Manager'. To the right, the 'Field - UNITE Names' properties panel is open, showing 'Field Name' as 'Admins', 'Field Type' as 'UNITE Names', and 'Theme' as '-Default-'. It also includes options for 'User Mode Help', 'UM Groups', 'Custom Groups', and 'Display Order'.

1. In the Properties Box Click in Field Name
2. Type Admins
3. Click on Add UM Groups
4. Check the my company or other you would like to be an admin
5. Click ok
6. Click Save





❖ Creating Visibility Control for the Ingredient's View

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Design Home Forms Views Applications Themes

### Views

#### Add a New View

View Name	Default View	View Fields	Edit Display Info
<a href="#">Ingredients</a>	No	Ingredient, Amount	<a href="#">Edit Display Info</a>
<a href="#">Recipe</a>	No	Multimedia, Recipe Name, Food Category, Cook Time, Prep Time, Total Time	<a href="#">Edit Display Info</a>

1. Click on Ingredients

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Design Home Forms Views Applications Themes

### Edit View Display Information

Save Delete Close

View Name:

Forms:

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

Default View:

Predefined Filters:

Allow Advanced Search:

Visibility Control:  [Edit](#)

Allow Public Access:

View Theme:

Menu Theme:

Header Theme:

Footer Theme:

Export Control:

2. Check Visibility Control Filters

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Design Home Forms Views Applications Themes

### View Visibility Control

[Add Group](#)

Group	Fields
Group 1 <a href="#">Add/Remove Fields</a>	<input checked="" type="checkbox"/> Admins (UNITE Names)

3. Click on Add/Remove Fileds and Check Admins
4. Click OK and then Save
- ❖ Create text Fields in the Recipe Form's Hidden section



Recipe: *Edit*

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

Delete Form Close

Recipe

Document Management

[Click here to Add Fields](#)

Approval

Approved

Hidden Section

Admin

Users

**Text**

Submitter's Email

Field - Text

Edit Event Add

Field Name

Field Type

Theme

Input Mask

User Mode Help [Add](#)

Field Size

Required

Calculated

Visibility Control

Editability/Enable Cont

User Input Validation

Set Default Value

Display Order

Location:

Save Reset Delete

Toolbox

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

- ✓ Drag and drop Text Field from the Toolbox into the hidden section



❖ Name the Text field

The screenshot displays the WAG interface for editing a form. At the top, there is a header bar with the text "Recipe: Edit" and a "Toolbox" dropdown menu. Below this, there are fields for "Description:", "Unique Keys:", "Buttons Visibility: Edit, Delete Mode", and "Default Mode: Read". There are "Delete Form" and "Close" buttons. A "Recipe" button is also present. The main area shows a form titled "Document Management" with a "Click here to Add Fields" link. The form has several sections: "Approval" with an "Approved" checkbox, "Hidden Section" with "Admin" and "Users" dropdowns, a highlighted "Text" field, and "Submitter's Email" field. On the right, a "Field - Text" properties box is open, showing settings for "Field Name" (Submitter Name), "Field Type" (Text), "Theme" (-Default-), "Input Mask" (None), "User Mode Help" (Add), "Field Size" (200), and various checkboxes for "Required", "Calculated", "Visibility Control", "Editability/Enable Control", "User Input Validation", and "Set Default Value". The "Display Order" is set to 2. There are "Save", "Reset", and "Delete" buttons at the bottom of the properties box.

1. In the Properties Box Click in Field Name
2. Type Submitter Email
3. Click Save



❖ Create Text Field Named Email Body

Recipe: [Edit](#)

Description:

Unique Keys: Buttons Visibility: **Edit, Delete** Default Mode: **Read**  
Mode

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

[Recipe](#)

[Click here to Add Fields](#)

Approval

Approved

Hidden Section

Admin

Users

**Text**

Submitter Name

Submitter's Email

Field - Text

[Edit](#) [Event](#) [Add](#)

Field Name

Field Type

Theme

Input Mask

User Mode Help [Add](#)

Field Size

Required

Calculated

Visibility Control

Editability/Enable C

User Input Validatio

Set Default Value

Display Order

Location:

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

Toolbox

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

- ✓ Drag and drop a text field from the toolbox in to the hidden section.



❖ Name the Text field

The screenshot shows the WAG interface for editing a 'Recipe'. At the top, there's a header with 'Recipe: Edit' and a 'Toolbox' button. Below this, there are sections for 'Description:', 'Unique Keys:', and 'Buttons Visibility: Edit, Delete' and 'Default Mode: Read Mode'. There are 'Delete Form' and 'Close' buttons. The main form area has a 'Recipe' button and a 'Click here to Add Fields' link. The form contains several sections: 'Approval' with an 'Approved' checkbox, 'Hidden Section' with 'Admin' and 'Users' dropdowns, a highlighted 'Text' field, 'Submitter Name' text field, and 'Submitter's Email' text field. On the right, the 'Field - Text' properties box is open, showing 'Field Name' as 'Email Body', 'Field Type' as 'Text', 'Theme' as '-Default-', 'Input Mask' as 'None', 'User Mode Help' as 'Add', and 'Field Size' as '200'. It also has checkboxes for 'Required' (unchecked) and 'Calculated' (checked). A 'Formula Builder' section contains the formula: `'Dear Admin, a recipe titled'+[Recipe Name]+'has been submitted by'+ [Submitter Name]`. At the bottom of the properties box are 'Save', 'Reset', and 'Delete' buttons.

1. In the Properties Box click in the field Name
2. Type Email Body
3. Check the Calculated
4. In the formula box create following formula:  
*'Dear Admin, a recipe titled'+ [Recipe Name] +'has been submitted by'+ [Submitter Name]*
5. Click Save



❖ Create Button Field Named Submit my recipe

The screenshot shows the 'Recipe: Edit' interface. At the top, there are buttons for 'Delete Form' and 'Close'. Below this, a 'Recipe' button is visible. The main form contains sections for 'Cook Time', 'Prep Time', and 'Total Time', each with a 'Number' input field. There is a 'Directions' section with a 'Rich Text - Enhanced' area and a 'Click here to Add Fields' link. Below that is an 'Ingredients' section with columns for 'Amount' and 'Ingredient'. A yellow button labeled 'Button' is placed under the 'Ingredient' column. On the right, a 'Field - Button' configuration panel is open, showing settings for 'Field Name' (Button), 'Field Type' (Button), 'Theme' (-Default), 'User Mode Help' (Add), 'Button Group Name', and 'Button Order in Group'. The 'Make Button Available' section has 'Edit Mode' checked and 'Read Mode' unchecked. There are also checkboxes for 'Visibility Control' and 'Editability/Enable Control'. The 'Display Order' is set to 0. The 'Location' section shows 'Tab' (Recipe) and 'Section' (Ingredients). A 'Toolbox' is also visible, listing various field types like Button, Calendar Date, Combo Box, Date, List, Memo, Number, Query List, Record ID, Text, UNITE Names, and Yes/No. At the bottom of the configuration panel are 'Save', 'Reset', and 'Delete' buttons.

✓ Drag and drop a button field from the toolbox under the ingredients section



❖ Name the button field

The screenshot displays the WAG interface for editing a recipe. At the top, it shows 'Recipe: Edit' and 'Buttons Visibility: Edit, Delete' with 'Default Mode: Read Mode'. A 'Toolbox' dropdown is visible. The main form contains fields for 'Cook Time', 'Prep Time', and 'Total Time', each with a 'Number' input. Below these are sections for 'Directions' (Rich Text - Enhanced) and 'Ingredients' (Amount and Ingredient columns). A 'Button' is located at the bottom of the ingredients section. On the right, the 'Field - Button' properties box is open, showing the 'Event' tab. The 'Field Name' is 'Submit My Recipe', 'Field Type' is 'Button', and 'Theme' is '-Default-'. Under 'Make Button Available', 'Edit Mode' and 'Visibility Control' are checked. The 'Formula Builder' shows the formula '[Submitter Name]=='. At the bottom of the properties box are 'Save', 'Reset', and 'Delete' buttons.

1. In the Properties Box click in Field Name
2. Type Submit my Recipe
3. Check Visibility Control
4. Create formula:  
*[Submitted Name]==*
5. Click Save



❖ Creating on click events for the button

The screenshot displays the 'Recipe: Edit' interface. At the top, there are fields for 'Description:' and 'Unique Keys:', and buttons for 'Delete Form' and 'Close'. Below this is a 'Recipe' button. The main form is divided into sections: 'Ingredients' (with a table for Amount and Ingredient), 'Multimedia' (with 'Document Management' and 'Click here to Add Fields'), 'Approval' (with an 'Approved' checkbox), and 'Hidden Section' (with 'Admin' and 'Users' dropdowns). A 'Submit My Recipe' button is highlighted in yellow. To the right, the 'Field - Submit My Recipe' configuration panel is open, showing 'Event' set to 'OnClick', 'Action' set to 'Set Value', and 'Field' set to 'Submitter's Email'. The 'Value' field contains the formula 'getLogonUserFullNameFirstLast()'. 'Add' and 'Cancel' buttons are at the bottom of the panel.

1. Click on Event
2. Click Add New Event  
Event: Onclick  
Action: Set Value  
Field: Submitter's Email
3. Click Add





- ❖ Create On click event to inform the Admin about new Recipe that requires approval

Recipe: *Edit*

Description: Toolbox

Buttons Visibility: Edit, Delete, Mode      Default Mode: Read

Unique Keys: Delete Form    Close

Recipe

Ingredients	
Amount	Ingredient
<b>Submit My Recipe</b>	
Multimedia	
Document Management	
<a href="#">Click here to Add Fields</a>	
Approval	
Approved	<input checked="" type="checkbox"/>
Hidden Section	
Admin	<input type="text"/>
Users	<input type="text"/>
Email Body	<input type="text" value="Text"/>
Submitter Name	<input type="text" value="Text"/>
Submitter's	<input type="text"/>

Field - Submit My Recipe

Edit      Event      Add

Event:       Action:

Condition: [Formula Builder Help](#)

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

[Admin]

Applies to UNITE Names Only:  
Email to All Persons

Subject:  Text     Field

New Recipe has been added for your review and approval

Body:  Text     Field

Email Body

Include link to record

Add    Cancel

1. Click on Event
2. Click Add New Event  
Event: Onclick  
Action: Save and Email  
Email To: [Admin]  
Applies to UNITE Names only drop down list choose Email to All persons  
Subject text box: New Recipe has been added for your review and approval  
Check the box Include link to records
3. Click Add



❖ Create OnChanged events for Approved field

Recipe: *Edit*

Description: Toolbox

Unique Keys: Buttons Visibility: Edit, Delete Mode Default Mode: Read Mode

Delete Form Close

Recipe

Amount	Ingredient
<b>Submit My Recipe</b>	
Multimedia	
Document Management	
<a href="#">Click here to Add Fields</a>	
Approval	
Approved	<input checked="" type="checkbox"/>
Hidden Section	
Admin	<input type="text"/>
Users	<input type="text"/>
Email Body	<input type="text"/>
Submitter Name	<input type="text"/>
Submitter's Email	<input type="text"/>

Field - Approved

Edit Event Add

Event OnChanged

Action Save & Email

Condition [Formula Builder Help](#)

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

[Submitter's Email]

Applies to UNITE Names Only:

Email to Selected Persons

Subject  Text  Field

Your Recipe has been Approved!

Body  Text  Field

Thanks for your submission.

Include link to record

1. Click on Event
2. Click Add New Event  
Event: OnChanged  
Email To: [Submitter's Email]  
Applies to UNITE Names only drop down list choose Email to selected persons  
Subject text box: Your Recipe has been approved  
Body Text box: Thanks for your Submission.  
Check the box Include link to record.
3. Click Add.



❖ Create OnChanged Event to email users

The screenshot shows the 'Recipe: Edit' interface. At the top, there are fields for 'Description:', 'Unique Keys:', 'Buttons Visibility: Edit, Delete Mode', and 'Default Mode: Read'. Below these are 'Delete Form' and 'Close' buttons. A 'Recipe' button is centered above a 'Submit My Recipe' button. The main form area is divided into sections: 'Multimedia' (Document Management), 'Approval' (with 'Approved' checked), and 'Hidden Section' (with 'Admin' and 'Users' dropdowns). Below these are text input fields for 'Email Body', 'Submitter Name', and 'Submitter's Email'. On the right, the 'Field - Approved' configuration panel is open, showing 'Event' set to 'OnChanged', 'Action' set to 'Save & Email', and 'Condition' set to 'Formula Builder Help'. The 'Email To' field contains '[Users]'. The 'Applies to UNITE Names Only' dropdown is set to 'Email to All Persons'. The 'Subject' is set to 'Text' with the value 'New Recipe Added'. The 'Body' is set to 'Text' with the value 'A New Recipe has been Added Enjoy!'. The 'Include link to record' checkbox is checked. 'Add' and 'Cancel' buttons are at the bottom of the panel.

1. Click Add New Event  
Event: OnChanged  
Email To: [Users]  
Applies to UNITE Names only drop down list choose Email to all persons  
Subject text box: New Recipe Added  
Body Text box: A new recipe has been added enjoy!  
Check the box Include link to record.
2. And click add



❖ Create Text field Named Submitter's ID in the Hidden Section

The screenshot shows the WAG software interface for editing a form. At the top, there's a header with 'Recipe: Edit' and 'Description: Unique Keys: Buttons Visibility: Edit, Delete Default Mode: Read Mode'. Below this are 'Delete Form' and 'Close' buttons. A 'Recipe' button is centered above the form. The form itself has several fields: 'Approved' (checkbox), 'Admin' (dropdown), 'Users' (dropdown), 'Email Body' (text), 'Text' (text, highlighted in yellow), 'Submitter Name' (text), and 'Submitter's Email' (text). A 'Hidden Section' is also present, containing a 'Text' field. On the right, the 'Field - Text' configuration panel is open, showing settings for 'Field Name', 'Field Type', 'Theme', 'Input Mask', 'User Mode Help', 'Field Size', 'Display Order', 'Location', 'Tab', and 'Section'. A 'Toolbox' is also visible, listing various field types.

✓ Drag and Drop a text field from the Toolbox into the hidden section



❖ Name the Text Field

The screenshot displays the WAG interface for editing a form. At the top, there's a header with 'Recipe: Edit' and a 'Toolbox' button. Below this, there are sections for 'Description:', 'Unique Keys:', and 'Buttons Visibility: Edit, Delete' and 'Default Mode: Read Mode'. There are 'Delete Form' and 'Close' buttons. A 'Recipe' button is also visible. The main form editor shows a form with several fields: 'Approved' (checkbox), 'Admin' (dropdown), 'Users' (dropdown), 'Email Body' (Text), 'Text' (Text, highlighted in yellow), 'Submitter Name' (Text), and 'Submitter's Email' (Text). To the right, the 'Field - Text' properties panel is open, showing 'Field Name' as 'Submitter ID', 'Field Type' as 'Text', 'Theme' as '-Default-', 'Input Mask' as 'None', and 'User Mode Help' as 'Add'. The 'Field Size' is set to '200'. There are checkboxes for 'Required', 'Calculated', 'Visibility Control', 'Editability/Enable Control', 'User Input Validation', and 'Set Default Value' (checked). A 'Formula Builder' section shows the formula 'getLogonUserID()'. At the bottom of the properties panel, there's a 'Display Order' dropdown set to '3' and 'Save', 'Reset', and 'Delete' buttons.

1. In the properties box click in Field Name
2. Type Submitter ID
3. Check Set Default Value
4. Create formula:  
*getLogonUserID()*
5. Click Save.



- ❖ Add new view named My Recipes

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### Views Add a New View

1. Click Add a New View

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#### Edit View Display Information

Save Delete Close

View Name: My Recipes

Forms: Recipe

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

Default View:

Predefined Filters:

Allow Advanced Search:

Visibility Control:

Allow Public Access:

View Theme: -Default-

Menu Theme: -Default-

Header Theme: -Default-

Footer Theme: -Default-

Export Control:

Field Name	Show in View	Searchable	Default Search
<b>Recipe</b>			
<b>Recipe</b>			
<b>Recipe</b>			
Recipe Name*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>
Food Category*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>
Cook Time*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>
Prep Time*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>
Total Time	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>
<b>Directions</b>			
<b>Ingredients</b>			
<b>Multimedia</b> <input checked="" type="checkbox"/> Show Section First <input type="checkbox"/> Image(s)			

1. Check: Recipe Name, Food Category, Cook, Time, Prep Time, Total Time, and multimedia.
2. Click Save.



### ❖ Adding filter to the view

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#### Edit View Display Information

Save Delete Close

View Name: Pending Approval

Forms: Recipe

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

Actions:  Default View

Predefined Filters:  [Edit](#)

Allow Advanced Search:

Visibility Control:

Allow Public Access:

View Theme: -Default-

Menu Theme: -Default-

Header Theme: -Default-

Footer Theme: -Default-

Export Control:

1. Click on Predefined filters

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#### Predefined View Filters

[Add Group](#)

X Group 1 [Add/Remove Fields](#)

##### Select Fields for Group 1

- Admin (UNITE Names)
- Approved (Yes/No)
- Cook Time (Number)
- Email Body (Text)
- Food Category (List)
- Prep Time (Number)
- Recipe Name (Text)
- Submitter ID (Text)
- Submitter Name (Text)
- Submitter's Email (Text)
- Total Time (Number)
- Users (UNITE Names)

2. Click on Add Remove Fields
3. Check Submitter Id
4. Click OK.



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Predefined View Filters

[Add Group](#)

✖ Group 1 [Add/Remove Fields](#)

Submitter ID =LogonUserID

5. Choose =logonUserID from the drop down list
6. Click Save

❖ Creating View Named Pending Approval

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Save Cancel

View Name: Pending Approval

Type: Recipe

Extra Information  Show Type  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
<b>Recipe</b>			
<b>Recipe</b>			
<b>Recipe</b>			
Recipe Name*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>
Food Category*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>
Cook Time*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>
Prep Time*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>
Total Time	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>
<b>Directions</b>			
<b>Ingredients</b>			
<b>Multimedia</b> <input checked="" type="checkbox"/> Show Section First <input type="checkbox"/> Image(s)			

1. Check: Recipe Name, Food Category, Cook, Time, Prep Time, Total Time, and multimedia.
2. Click Save and click Back





❖ Adding predefined filter to the View

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### Edit View Display Information

Save Delete Close

View Name: Pending Approval

Forms: Recipe

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

Default View:

Predefined Filters:  [Edit](#)

Allow Advanced Search:

Visibility Control:

Allow Public Access:

View Theme: -Default-

Menu Theme: -Default-

Header Theme: -Default-

Footer Theme: -Default-

Export Control:

1. Check the box Predefined Filters

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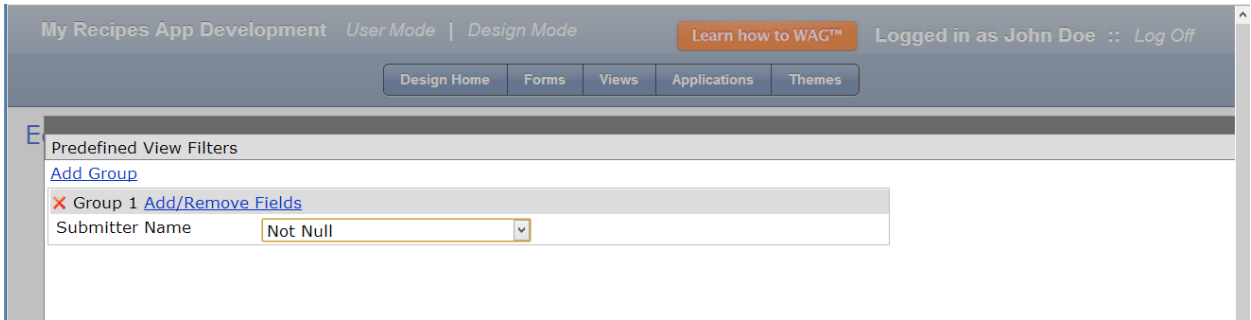
Design Home Forms Views Applications Themes

### Predefined View Filters

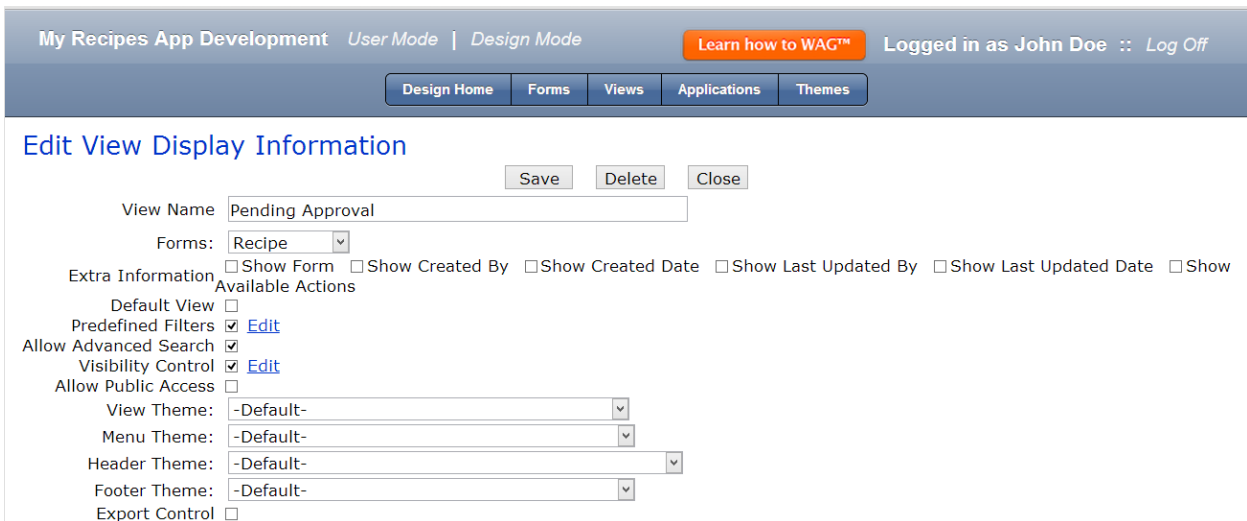
[Add Group](#)

Group	Select Fields for Group
<span style="color: red;">✘</span> Group 1 <a href="#">Add/Remove Fields</a>	<input type="checkbox"/> Admin (UNITE Names) <input type="checkbox"/> Approved (Yes/No) <input type="checkbox"/> Cook Time (Number) <input type="checkbox"/> Email Body (Text) <input type="checkbox"/> Food Category (List) <input type="checkbox"/> Prep Time (Number) <input type="checkbox"/> Recipe Name (Text) <input type="checkbox"/> Submitter ID (Text) <input checked="" type="checkbox"/> Submitter Name (Text) <input type="checkbox"/> Submitter's Email (Text) <input type="checkbox"/> Total Time (Number) <input type="checkbox"/> Users (UNITE Names)

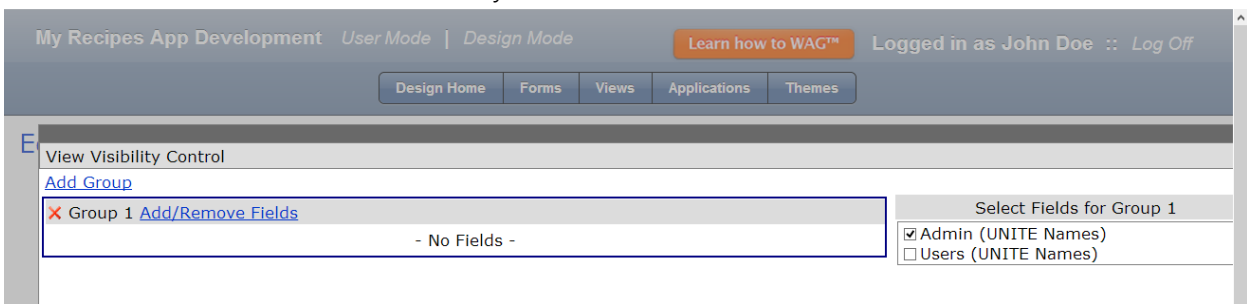
2. Click Add/Remove Fields
3. Check Submitter Name.
4. Check Submitter's Name
5. Click OK



- 6. From the drop down list choose Not Null
- 7. Click Save



- 8. Check the box next to Visibility Control



- 9. Check Admin.
- 10. Click OK
- 11. Click Save.



❖ Pushing changes to the Application

My recipes App User Mode | Design Mode Learn how to WAG™ Logged in as John Doe :: Log Off

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**Edit Application**

<b>Application Information</b>	
Application Name:	<input type="text" value="My recipes App"/> <small>Name of the application</small>
Application Description:	<input type="text"/> <small>Description of the Application (Optional)</small>
Application Theme:	<input type="text" value="iOS Inspired (Global)"/> <small>Theme of the application.</small>
Private:	<input type="checkbox"/> <small>Private Application will not be displayed in Application List.</small>
Email Address for Testing:	<input type="text"/> <small>All Email Actions will be sent to the comma delimited email address list entered here, overriding application and global definitions</small>
UM System ID:	8dab3b70-33cf-4e28-a154-b0920b6bc55c <small>User Management System ID of the Application</small>
<b>Choose Application Design Template</b>	
<input type="radio"/> No Design Template <input checked="" type="radio"/> Select a WAG™ Application to use as my Design Template <input type="radio"/> Revert back to previous design (5/1/2013 4:30:07 PM)	
Template Info:	My Recipe Development : 98BD0164-672E-49E1-AB3E-1A43CD5A3357
Date refreshed:	5/1/2013 4:59:21 PM
Application Template:	<input type="text" value="My Recipes App Development : A7B62606-10FC-4CDF-843E-F38779E744EC"/> <small>Application Name : Database Name : AppID of Template</small>
Allow design changes:	<input type="checkbox"/> <small>If Checked, changes will be allowed to the application design</small>
<input type="button" value="Save"/> <input type="button" value="Delete"/> <input type="button" value="Cancel"/> <input type="button" value="Refresh Application Design"/>	

Until now we've been modifying a development version of our application. Now that it is ready to go, we will merge the changes with the main app.

1. Click on Applications
2. Click My Recipes App
3. Select a WAG Application to use as my Design Template
4. Select My Recipe Development from the Application Template dropdown menu
5. Click Refresh Application Design



❖ User Mode

Using the Application on the iOS Browser.



1. Click on My recipes App



2. Click + New



Verizon 4:25 PM 18%

Cancel Save

Recipe  
Recipe

Recipe Name *	Sirloin steak
Food Category *	Main course >
Cook Time *	10
Prep Time *	20
Total Time	30

Ingredients >

Submit My Recipe

Multimedia >

Enter the following into the new recipe:

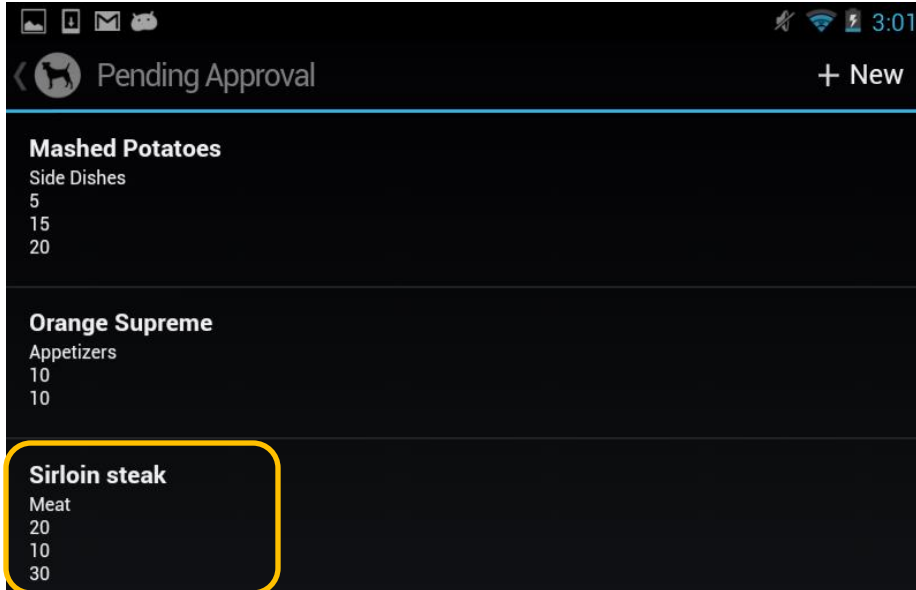
Field	Data
Recipe Name	Sirloin Steak
Food Category	Meat
Prep Time	10
Cook Time	20

Ingredients	Amounts
Sirloin Steak	4 lbs
Garlic	4 cloves
Salt and Pepper	

And Click Submit My Recipe button.



❖ Using Wag on Android Device



Select Pending Approval

1. Click on our Steak Recipe





2. Click Edit

Recipe

Recipe Name	Sirloin steak
Food Category	Meat
Prep Time	20.000
Cook Time	10.000
Total Time	30

Approval

Approve  No

Multimedia

Ingredients List

3. Swipe the Approve field from No to Yes

Now our Steak recipe is visible to all users of the app!