RECIPE APPLICATION - ADDING MORE FEATURES

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<div align="center">Objective</div>

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. 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

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

Add New Application

Application Information

Application Name:	My Recipes App Development	Name of the application
Application Description:		Description of the Application (Optio
Application Theme:	iOS Inspired (Global)	Theme of the application.
Private:	☐	Private Appication will not be display List.
Email Address for Testing:		All Email Actions will be sent to the email address list entered here, ove and global definitions

Choose Application Design Template

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

Application Template: My Recipes App : 8DAB3B70-33CF-4E28-A154-B0920B6BC55C
Application Name : Database Name : AppID of Template

Include all data:	☐	If Checked, copy all data including user's
Allow design changes:	☑	If Checked, changes will be allowed to th

Create Application   **Cancel**

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*

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Forms
Add a New Form

Form	Public Access Settings
Ingredients	None
Recipe	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 | Number |

□ 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   Standard
Display Order   5
Theme   -Default-
Section Type   Standard
User Mode Help   Add
☑ Show in Print Preview
☐ Visibility Control
☐ Editability/Enable Control

Location:
Tab   Recipe
Column   Recipe

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

❖ 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

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

❖ Name the Text Field Submitter's Email

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

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

❖   Name the Section

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

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

❖ Name the Yes/No Field

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

❖ Preventing users from Editing Forms

❖ 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

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

✓ 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

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

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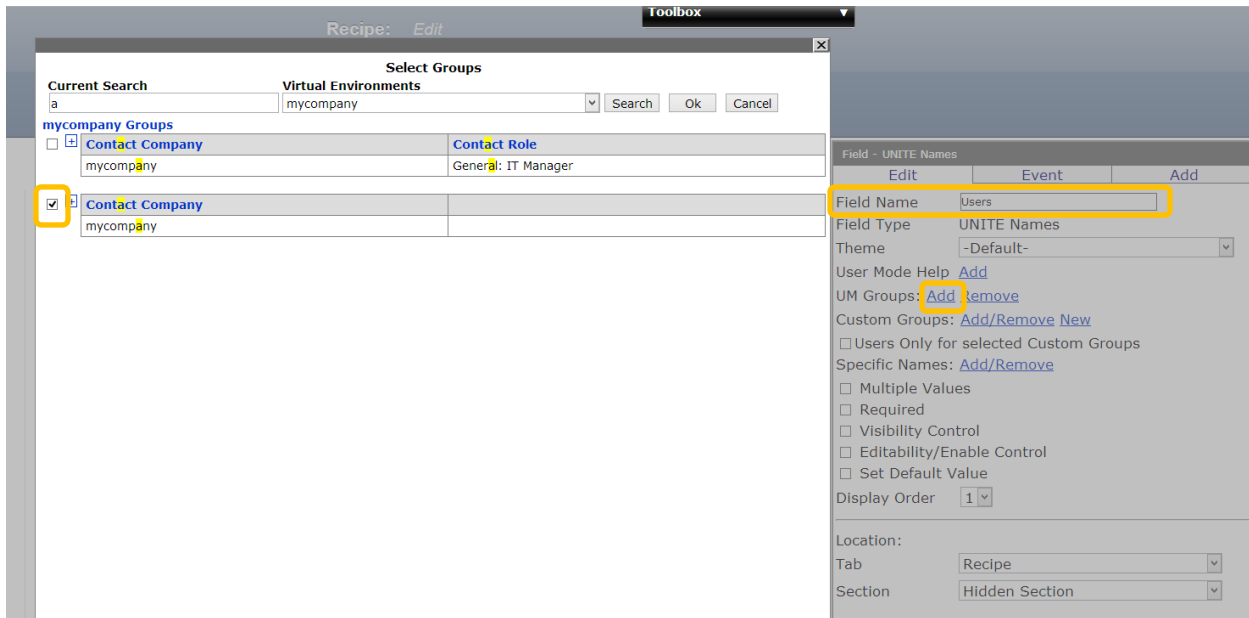
1. In the Properties Box Click on Field Name
2. Type Users
3. Click on Add in UM groups
4. Choose the mycompany (or whatever is your company's name)
5. Click ok
6. Click Save

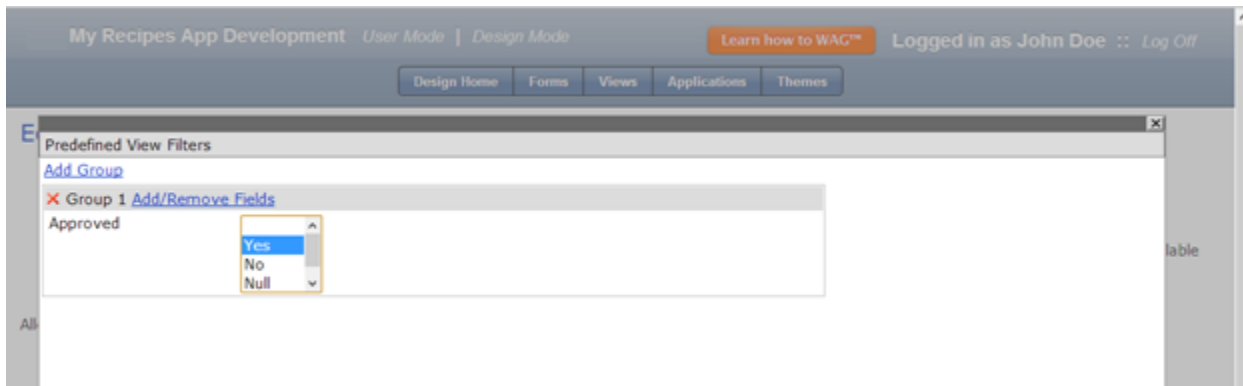❖ Create predefined filters to the views

1. Click on Views

2. Click Recipe

3. Click Predefined Filters

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

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

❖ Name the hidden section

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

❖ Create Unite Names Fields Named Admin

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

❖ Name the UNITE Names Field

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

View Name	Default View	View Fields	Edit Display Info
Ingredients	No	Ingredient, Amount	Edit Display Info
Recipe	No	Multimedia, Recipe Name, Food Category, Cook Time, Prep Time, Total Time	Edit Display Info

1. Click on Ingredients

Edit View Display Information

View Name: Ingredients

Forms: Ingredients

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: -Default-
Menu Theme: -Default-
Header Theme: -Default-
Footer Theme: -Default-
Export Control ☐

2. Check Visibility Control Filters

View Visibility Control

Add Group

✗ Group 1 Add/Remove Fields

Select Fields for Group 1
☑ 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

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

❖ Name the Text field

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

❖ Create Text Field Named Email Body

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

❖ Name the Text field

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

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

❖ Name the button field

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

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

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

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

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

Recipe: *Edit*

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

[Delete Form] [Close]

[Recipe]

Approved	☑

◻ Hidden Section

Admin	▼ ↻
Users	▼ ↻
Email Body	Text
Text	Text
Submitter Name	Text
Submitter's Email	Text

Field - Text

Edit	Event	Add

Field Name	Text
Field Type	Text
Theme	-Default-
Input Mask	None
User Mode Help	Add
Field Size	200
☐ Required	
☐ Calculated	
☐ Visibility Control	
☐ Editability/Enable Cont	
☐ User Input Validation	
☐ Set Default Value	
Display Order	3 ▼

Location:

Tab	Recipe
Section	Hidden S

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

[Save] [Reset] [Delete]

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

❖ Name the Text Field

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

My Recipes App Development   *User Mode* | *Design Mode*

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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
Recipe			
Recipe			
Recipe			
Recipe Name*	☑	☑	◉
Food Category*	☑	☑	○
Cook Time*	☑	☑	○
Prep Time*	☑	☑	○
Total Time	☑	☑	○
Directions			
Ingredients			

Multimedia ☑ Show Section First 1   Image(s)

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

2. Click Save.

❖   Adding filter to the view

1.   Click on Predefined filters

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
Recipe			
Recipe			
Recipe			
Recipe Name*	☑	☑	●
Food Category*	☑	☑	○
Cook Time*	☑	☑	○
Prep Time*	☑	☑	○
Total Time	☑	☑	○
Directions			
Ingredients			
Multimedia ☑ Show Section First 1 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

1. Check the box Predefined Filters

2. Click Add/Remove Fields
3. Check Submitter Name.
4. Check Submitter's Name
5. Click OK
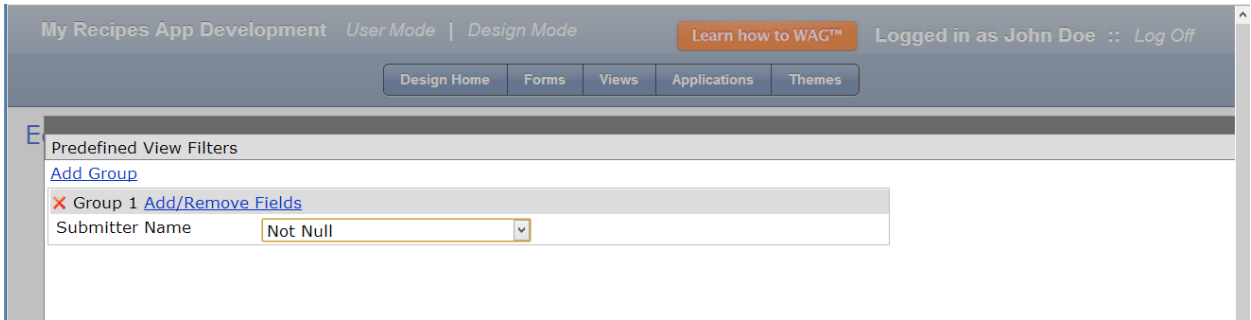
6. From the drop down list choose Not Null
7. Click Save
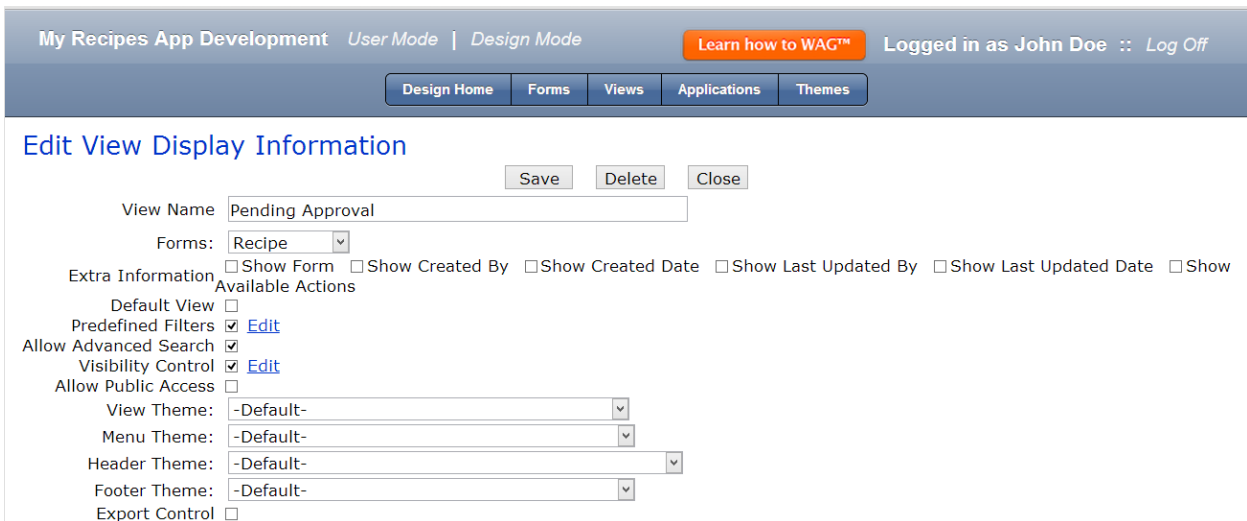
8. Check the box next to Visibility Control
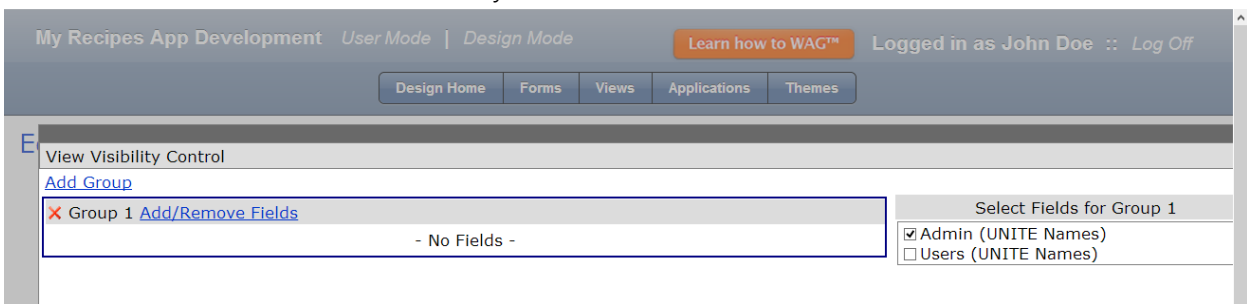
9. Check Admin.
10. Click OK
11. Click Save.

❖ Pushing changes to the Application

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.

▪▪▪▪ **Verizon** 🛜	4:20 PM	20% 🔋

WAG™

My recipes App   ❯

🗗 Logout	☰ Design

1. Click on My recipes App

▪▪▪▪ **Verizon** 🛜	4:21 PM	19% 🔋
Back	**Recipe**	**+ New**

🐕 WAG™	🗗 Views	☰ Sort	🔍 Search

2. Click + New

.ıl_ 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
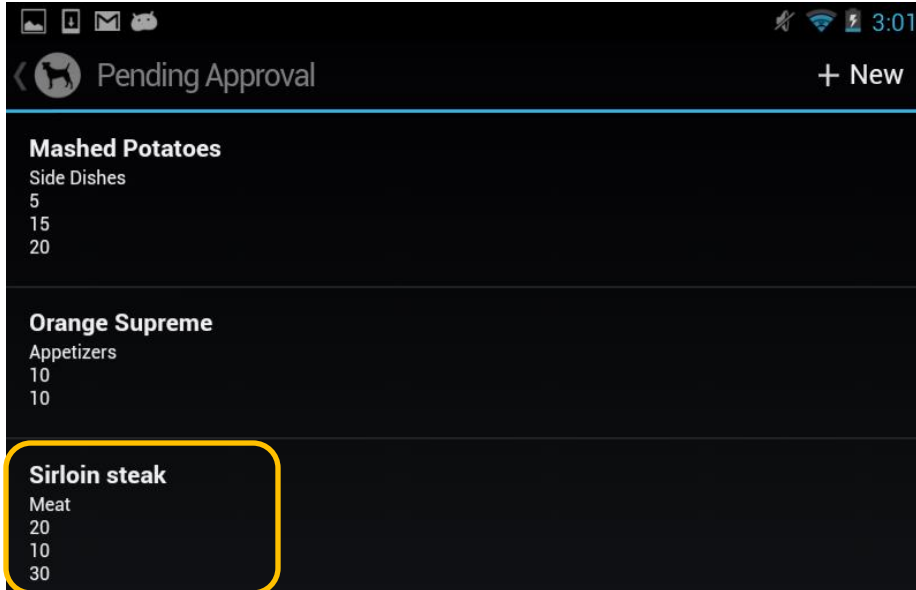
Select Pending Approval

1. Click on our Steak Recipe

2. Click Edit

3. Swipe the Approve field from No to Yes

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