TemplateClass	
Responsibilities: a	Collaborators: Other classes involved in a

Ingredient	
Responsibilities: contains the brief description knows best before date knows the location to store knows the amount knows the unit knows the ingredient category	Collaborators: .

Storage	
Responsibilities: Contains the list of food that is in storage	Collaborators: Ingredient

Recipe	
Responsibilities: knows title knows preparation time knows the number of servings knows the recipe category contains comments contains photograph includes a list of ingredients required for the recipe	Collaborators: Ingredient .

MealPlan	
Responsibilities:	Collaborators:
knows the days MealPlan is for	
Knows the number of servings	
Knows the recipes picked	Recipe
Resize servings for recipes picked	Recipe
Knows the list of Ingredients required from recipe	Recipe
Knows the list of Ingredients picked from storage	Storage
Knows the list of all Ingredients needed for the MealPlan	Storage, Recipe .

ShoppingList	
Responsibilities:	Collaborators:
Contains the list of ingredients in the storage	Storage
Contains the list of ingredients needed for the meal plan	MealPlan
Contains the list of ingredients to be purchased	Storage, MealPlan
Contains the description, planned amount, unit, and ingredient category of each ingredient	Ingredient .

MainActivity	
Responsibilities:	Collaborators:
Direct to Ingredients, ShoppingList, Recipes and MealPlan pages	StorageActivity, ShoppingListActivity, RecipeActivity and MealPlanActivity

HeaderFragment	
Responsibilities:	Collaborators:
Shows the text for current page	All fragment and activity classes
Return to previous page	All fragment and activity classes
Open dialog for adding new entries	StorageActivity, ShoppingListActivity, RecipeActivity and MealPlanActivity .

FooterFragment	
Responsibilities: Direct to Ingredients, ShoppingList, Recipes and MealPlan pages Highlights the symbol for current page	Collaborators: StorageActivity, ShoppingListActivity, RecipeActivity and MealPlanActivity All fragment and activity classes

SortFragment	
Responsibilities: Sort the list in StorageActivity by description, best before date, location and category	Collaborators: StorageActivity .

StorageActivity	
Responsibilities: Contains list of Ingredients in storage Views details of Ingredients Edit Ingredient Delete Ingredient from list Return to Previous page Initiate dialog for adding new Ingredient show/hide sorting option for list Select filter for sorting Direct to ShoppingList, Recipes and MealPlan pages	Collaborators: Ingredient, IngredientAdapter, Storage Ingredient, IngredientAdapter Ingredient, IngredientAdapter, IngredientFragment Storage, Ingredient MainActivity, ShoppingListActivity, RecipeActivity and MealPlanActivity, HeaderFragment IngredientFragment, HeaderFragment SortFragment SortFragment, Ingredient FooterFragment, ShoppingListActivity, RecipeActivity and MealPlanActivity

IngredientAdapter	
Responsibilities: Shows the name of the ingredient Expand the cell upon clicking, showing details of the Ingredient Edit Ingredient when clicking edit symbol Delete Ingredient from list when clicking delete symbol	Collaborators: Ingredient, Storage Ingredient, Storage Ingredient, IngredientFragment DeleteFragment, Storage, Ingredient .

IngredientFragment	
Responsibilities: Creates new Ingredient object into storage list Edit Ingredient details	Collaborators: Ingredient, Storage Ingredient, Storage .

RecipeActivity	
Responsibilities: Contains list of Recipe Views prep time, servings and category of Recipe See details of Recipe Return to previous page Initiate dialog for adding new Recipe show/hide sorting option for list Select filter for sorting Direct to ShoppingList, Storage and MealPlan pages	Collaborators: Recipe, RecipeAdapter, Ingredient Recipe, RecipeAdapter Recipe, ViewRecipeFragment HeaderFragment AddRecipeFragment, HeaderFragment SortFragment SortFragment, Recipe FooterFragment, ShoppingListActivity, StorageActivity and MealPlanActivity

RecipeAdapter	
Responsibilities: Views prep time, servings and category of Recipe View details Ingredient when clicking the cell	Collaborators: Recipe Recipe, ViewRecipeFragment .

ViewRecipeFragment	
Responsibilities: Sees the details of the recipe, including a list of ingredients used Delete the recipe Edit the recipe	Collaborators: Ingredient, Recipe RecipeActivity RecipeActivity, EditRecipeFragment

EditRecipeFragment	
Responsibilities: Edit the details of the recipe, including a list of ingredients used	Collaborators: Ingredient, Recipe, RecipeActivity .

AddRecipeFragment	
Responsibilities: Allows input for the details of the recipe, including a list of ingredients used Add Ingredients to the recipe	Collaborators: Ingredient, Recipe, RecipeActivity Ingredient, IngredientFragment, Recipe

ShoppingListActivity	
Responsibilities: Contains list of ingredients to be purchased Initiate dialog to add ingredient from shopping list to storage show/hide sorting option for list Select filter for sorting Direct to Recipes, Storage and MealPlan pages Return to previous page	Collaborators: ShoppingList, ShoppingListAdapter Storage, IngredientFragment SortFragment SortFragment, ShoppingList FooterFragment, StorageActivity, MealPlanActivity, Recipe Activity Header Fragment

ShoppingListAdapter	
Responsibilities: Views description, amount, unit and ingredient category for ingredients in shopping list	Collaborators: ShoppingList .

ShoppingListAddToStorageFragment	
Responsibilities: Asks whether to complete details of ingredient and add to Storage	Collaborators: ShoppingList .

MealPlanActivity	
Responsibilities: Contains fragments for Ingredient list and Recipe list Contains list of Ingredients in Meal Plan Contains list of Recipes in Meal Plan Return to previous page Contains add button with dropdown to initiate adding of ingredient or recipe for meal plan Allows picking ingredients from Storage Allows picking Recipe from recipe list Direct to Recipes, ShoppingList or Storage pages Select filter for sorting	Collaborators: MealPlanViewFragment MealPlan, MealPlanIngredientAdapter MealPlan, MealPlanRecipeAdapter HeaderFragment HeaderFragment, * Storage, MealPlan Recipe, MealPlan FooterFragment SortFragment, MealPlan

MealPlanIngredientAdapter	
Responsibilities: View an ingredient from the meal plan and it's amount	Collaborators: MealPlan

MealPlanRecipeAdapter	
Responsibilities: View a recipe in the meal plan and the number of servings	Collaborators: MealPlan