

Ingredient	
Responsibilities	Collaborators
<ul style="list-style-type: none"> • Represent an ingredient • Can modify ingredient name • Can show ingredient name 	<div>Recipe</div>

Recipe	
Responsibilities	Collaborators
<ul style="list-style-type: none"> • Show the information about a recipe • Knows all of its ingredients • Can change ingredient in a recipe (itself) • Can add new ingredients to an existing recipe (itself) • Can delete ingredient(s) 	<div>Ingredient</div>

Food_Comparator	
Responsibilities	Collaborators
<ul style="list-style-type: none"> • Handles the extraction of comparation data. • Implements different comparator subclasses for ease of application and abstraction. 	<ul style="list-style-type: none"> • Ingredients • Recipes •

Food_Storage	
Responsibilities	Collaborators
<ul style="list-style-type: none"> • Will track the food items that the user has. • Will keep count of the number of the specified ingredient items that the user has. • Will be able to add or remove ingredients. • Update information on certian ingredients. 	<ul style="list-style-type: none"> • Recipe • Ingredient • Meal_Plan

Ingredient_Adapter	
Responsibilities	Collaborators
<ul style="list-style-type: none"> • Will handle the creation and linking of igredient objects to listviews. • Will connect the creation of ingredients to view based groups. 	<ul style="list-style-type: none"> • Ingredient • ListView • ViewAdapter • ListAdapter

Meal_Plan	
Responsibilities	Collaborators
<ul style="list-style-type: none"> • Will determine the necessary ingredients and recipes to achieve goal. • Will recieve input from the user about the goal of the user. 	<ul style="list-style-type: none"> • Recipe • Ingredient • Food_Storage • Shopping_List

Recipe_Adapter	
Responsibilities	Collaborators
<ul style="list-style-type: none"> • Will handle the creation and linking of recipe objects to listviews. • Will connect the creation of recipes to view based groups. 	<ul style="list-style-type: none"> • Ingredient • ListView • ViewAdapter • ListAdapter

Shopping_List	
Responsibilities	Collaborators
<ul style="list-style-type: none"> • Will handle all of the ingredients that are being purchased. • Will track the quantity, price of ingredients of interest. • When purchased, the ingredients will be added to the food storage. • Can check for ingredients needed from a specified recipe. 	<ul style="list-style-type: none"> • Ingredient • Recipe • Food_Storage • Meal_Plan

ViewIngredient	
Responsibilities	Collaborators
<ul style="list-style-type: none"> • Will allow the user to view the description and information about an ingredient. • Allows the user to edit ingredient information. 	<ul style="list-style-type: none"> • Ingredient

EditIngredient	
Responsibilities	Collaborators
<ul style="list-style-type: none"> • Will allow the user to edit an ingredient. 	<ul style="list-style-type: none"> • Ingredient

ViewRecipe	
Responsibilities	Collaborators
<ul style="list-style-type: none"> • Allows the user to view the recipe details. 	<ul style="list-style-type: none"> • Recipe • Ingredients

EditRecipe	
Responsibilities	Collaborators
<ul style="list-style-type: none"> • Allows the user for editing their food recipe. • Will update the ingredients and recipes. 	<ul style="list-style-type: none"> • Recipe • Ingredient