Ingredient	
Store description of an ingredient	StoredIngredient
Store the amount of an ingredient	MealPlan
Store the unit of an ingredient	ShoppingList
Store the category of an ingredient	Recipe
	DatabaseManager

StoredIngredient	
Ingredient Responsibilities	Ingredient
Store date of a stored ingredient	DatabaseManager
Store location of a stored ingredient	

MealPlanActivity	
Store recipes in meal plan	Ingredient
Store ingredients in meal plan	Recipe
Allow recipes to be added/removed	DatabaseManager
Allow ingredients to be added/removed	

ShopListActivity	
Store recipes in meal plan	Ingredient
Store ingredients in meal plan	Recipe
Display all ingredients from meal plan recipes and meal plan ingredients	DatabaseManager
	StoredIngredient
	MealPlan

DatabaseManager	
Store reference to database	Ingredient
Store reference to collection in database	Recipe
Allow addition/removal/retrieval of ingredients from database	StoredIngredient
Allow addition/removal/retrieval of recipes from database	ShoppingList
Allow addition/removal/retrieval of meal plans from database	MealPlan
Allow addition/removal/retrieval of categories from database	

AddIngredientActivity	
Display multiple editable text fields for user input Clicking the Submit button stores all the information from the user into an Ingredient	Ingredient StoredIngredient

AddIngredientMealPlanActivity	
Allows user to select pre-existing ingredients Allows user to add ingredients Prompts the user for the amount needed Stores information in a meal plan	MealPlanActivity AddIngredientActivity Recipe Ingredients

AddOptionFragment	
Allows users to create new options for category, location, or unit	AddIngredientActivity

AddRecipeActivity	
Display multiple editable text fields for user input Allows user to take a picture to attach to the recipe Stores inputted user data into a Recipe	Recipe RecipeListActivity MealPlanActivity

AddRecipeMealPlanActivity	
Allows user to select recipes Allows user to add recipes Allows user to input serving size Stores inputted user data	Recipe AddRecipeActivity Ingredients

EditIngredientInRecipeActivity	
Allows user to edit details of Ingredients Allows user to save details Allows user to delete Ingredients	Ingredients StoredIngredients AddIngredientActivity

IngredientListActivity	
Displays a list of ingredients Allows user to select ingredients to view details Allows user to sort by options Allows user to add Ingredients	Ingredient StoredIngredient AddIngredientActivity

MainMenuActivity	
Allows user to navigate to different activities	RecipeListActivity IngredientListActivity MealPlanActivity ShopListActivity

MealPlanActivity	
Allows user to add ingredients to a list of ingredients Allows user to add recipes to a list of recipes Allows user to input number of days for meal preparation Allows user to choose meal plan	StoredIngredient Recipe

Recipe	
Contains attributes of a recipe Contains ingredients	AddRecipeActivity Recipe StoredIngredients

RecipeListActivity	
Displays a list of recipes Allows user to add recipes Allows user to sort recipes	AddRecipeActivity Recipe