MainActivity

- The home page of the app:
- Contains navigation buttons to Ingredients, Recipes, Meal Plan, and Shopping List.
- Displays the number of ingredients, recipes, meal plans, and shopping list items.
- The meal plan of the next day is shown.

- IngredientListActivity
- RecipeListActivity
- ShoppingListActivity
- MealListActivity

IngredientActivity

- Displays a list of ingredients
- Can view, edit, add, delete ingredients
- Can sort ingredients by specific attribute
- Can add ingredient to an available recipe
- Can add ingredient to an available meal plan
- Can add ingredient to the shopping list

- MainActivity
- IngredientAdapter
- RecipeAdapter
- ShoppingListAdapter
- MealListAdapter

RecipeListActivity

- Displays a list of recipes
- Can view, edit, add, delete recipes
- Can sort recipes by specific attribute
- Can add recipe to an available meal plan

- MainActivity
- IngredientAdapter
- RecipeAdapter
- ShoppingListAdapter
- MealListAdapter

MealPlanActivity

- Displays a list of meal plans for each specific date
- View, create, delete meal plans

- MainActivity
- IngredientAdapter
- RecipeAdapter
- MealListAdapter

ShoppingListActivity

- Displays list of ingredients currently in the shopping list
- Displays ingredients in your storage and in your meal plans
- Can add, delete, or view ingredients in the shopping list
- Can sort ingredients by specific attribute
- Shows status of "picked up" or not for each ingredient
- Can add "picked up" ingredients to the IngredientListActivity (ingredient storage)

- MainActivity
- IngredientAdapter
- ShoppingListAdapter
- MealListAdapter

Ingredient

- This class stores an Ingredient object

- IngredientAdapter

Recipe

- This class stores a Recipe object

- RecipeAdapter

ShoppingList

- This class stores an arraylist of ingredients

- IngredientListAdapter

Mealplan

- This class stores a list of recipes and ingredients

- MealListAdapter

IngredientList

- Provides data of objects with the Ingredient class

- IngredientListActivity
- RecipeAdapter
- Ingredient

RecipeList

- Provides data of objects with the Recipe class

- RecipeListActivity
- Recipe

ShoppingListAdapter	
• Provides and manipulates data of objects with the ShoppingList class	• ShoppingListActivity • ShoppingList

MealplanList	
• Provides and manipulates data of objects with the Mealplan class	• MealListActivity • Mealplan

IngredientFragment	
• Manipulates data of objects with the Ingredient class	• IngredientListActivity • RecipeAdapter • Ingredient

RecipeFragment	
• Manipulates data of objects with the Recipe class	• RecipeListActivity • Recipe

FireStoreDB	
• initialization of firestore database functionality (to avoid repetition within classes)	• IngredientActivity • MealPlanActivity • RecipeListActivity • ShoppingListActivity