IngredientStorageActivity

• Add stored ingredients • Edit stored ingredients • Remove stored ingredients • View ingredient information	• IngredientStorageFrag • Ingredient

IngredientStorageFrag

• Prompts for information to add ingredient • Prompts for edits to existing information • Displays current information about a suspected ingredient	• IngredientStorageActivity • Ingredient • IngredientDatabase

Ingredient

• Store fields relevant to ingredients • Allow access to information about a given ingredient	• IngredientStorageActivity • RecipesActivity • MealPlanActivity • AddMealPlanActivity • ShoppingListActivity • IngredientStorageFrag • RecipesFrag • ShoppingListFrag

IngredientDatabase

• Interact with the Ingredient Database on firestore • Create ingredient object from data fetched from the ingredient database	• Ingredient

RecipesActivity

- Add new recipes
- Edit existing recipes
- Remove recipes

- RecipesFrag
- Recipe

RecipesFrag

- Prompts for information to add new recipe
- Prompts for edits to existing recipes
- Displays current information about a selected recipe

- RecipesActivity
- RecipeDatabase
- IngredientDatabase

Recipe

- Stores recipes
- Database for recipes

- RecipesActivity

RecipeDatabase

- Fetches data from firebase DB
- Creates a recipe object with fetched data

- Recipe

MealPlanActivity

- Create meal plan for a day
- Edit existing meal plans
- Present meal plans to the user
- Display meal plan calendar on start

- RecipesDatabase
- AddMealPlanActivity
- IngredientDatabase
- MealPlan
- MealPlanDatabase

AddMealPlanActivity

• Allows user to add ingredient(s) to a meal plan • Allows user to add recipe(s) to a meal plan • Allows user to scale added items to a certain number of servings	• MealPlanActivity • IngredientDatabase • RecipeDatabase • MealPlan • MealPlanDatabase

MealPlan

• Stores meal plans	• MealPlanActivity • AddMealPlanActivity

MealPlanDatabase

• Fetches data from firebase DB • Creates a meal plan object with fetched data	• MealPlan

ShoppingListActivity

• Present user with ingredients based on the meal plans and ingredient storage • Allow user to add obtained ingredients to storage • Allow user to note that they have picked up an ingredient on the shopping list.	• MealPlanDatabase • IngredientDatabase • Ingredient • ShoppingListFrag • ShoppingListDatabase

ShoppingListFrag

• Display ingredient description, amount, unit, and ingredient category	• ShoppingListActivity • MealPlanDatabase • IngredientDatabase

ShoppingList

• Stores shopping list items	• ShoppingListActivity

ShoppingListDatabase

• Fetches data from firebase DB • Creates a shopping list with fetched data	• ShoppingList