Recipe

Responsibility	Collaborators
Knows Title knows preparation time Knows number of servings Knows recipe category Knows comments Knows photograph Knows a RecipeIngredientList	RecipeList RecipeIngredientList Ingredient

RecipeIngredientList

Responsibility	Collaborators
Contains a list that stores RecipieIngredient Add a new RecipieIngredient into the list Delete an existing RecipieIngredient from the list Update an existing RecipieIngredient in the list Return the list	Ingredient Recipe RecipeList

RecipeList

Responsibility	Collaborators
Contains a static list that stores Recipe Add a new Recipe into the list Delete an existing Recipe from the list Update an existing Recipe in the list Sort the list by title, preparation time, number of serving, or recipe category Return the list	Recipe RecipeIngredientList Ingredient

Ingredient

Responsibility	Collaborators
Knows description Knows amount Knows unit Knows category	RecipeIngredientList Recipe RecipeList StorageIngredient(subclass) ShoppingIngredient(subclass)

StorageIngredient

Responsibility	Collaborators
Knows description Knows location Knows best before date Knows amount Knows unit Knows category	StorageList Ingredient(superclass) ShoppingIngredient

StorageList

Responsibility	Collaborators
Contains a static list that stores StorageIngredient Add a new StorageIngredient into the list Delete an existing StorageIngredient from the list Update an existing StorageIngredient in the list Sort the list by StorageIngredient description, best before date, location, and StorageIngredient category. Return the list	StorageIngredient ShoppingIngredient ShoppingList

MealPlan

Responsibility	Collaborators
knows Recipe knows number of serving Change Recipe based on choosing from Recipe or individually from StorageList Scale Recipe to adjust the number of serving for the MealPlan	StorageList Recipe

ShoppingIngredient

Responsibility	Collaborators
Knows description Knows amount Knows unit Knows category knows picked	ShoppingList Ingredient(superclass)

ShoppingList

Responsibility	Collaborators
Contains a list that stores ShoppingIngredient based on StorageList and MealPlan Sort the list by Ingredient's description or category Update each ShoppingIngredient picked or not Delete a ShoppingIngredient from the list and add it into the StorageList and updates its location, actual amount and unit	StorageList Recipe Ingredient MealPlan