As shown in the diagram, the objects required to implement the recipe application are described as follows:

1. A Recipes object serves as the parent for all other recipe related objects.
2. A Shopping List object serves as the parent for all other shopping list related objects.
3. RecipeList object inherits from Recipes.
4. RecipeDetail object inherits from Recipes.
5. RecipeItem object inherits from RecipeList.
6. Ingredient object inherits from RecipeDetail.
7. ShoppingListEdit inherits from ShoppingList.