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

|  |  |
| --- | --- |
| StoredIngredient | |
| \*\*Ingredient Responsibilities\*\*  Store date of a stored ingredient  Store location of a stored ingredient | Ingredient  DatabaseManager |

|  |  |
| --- | --- |
| MealPlan | |
| Store recipes in meal plan  Store ingredients in meal plan  Allow recipes to be added/removed  Allow ingredients to be added/removed | Ingredient  Recipe  DatabaseManager |

|  |  |
| --- | --- |
| ShoppingList | |
| Store recipes in meal plan  Store ingredients in meal plan  Allow recipes to be added/removed  Allow ingredients to be added/removed | Ingredient  Recipe  DatabaseManager  StoredIngredient  MealPlan |

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