sear

SearchRecipe
rch(List<Recipe>, String): List<Recipe>

SearchTag
search(List<Recipe>, String): List<Recipe>

SearchCategories
search(List<Recipe>, String): List<Recipe>

Sear
search(List<Reci

<<Interface>> *SearchStrategy*
search(List<Recipe>, String): List<Recipe>
1

rchIngredients
pe>, String): List<Recipe>

RecipeModificationInvoker		<<Interface>> Command
<u>undo()</u>	→	undo()
execute()		execute()

ModifyInsturctionsCommand

undo()

execute()

ModifyIngrediantsCommand

undo()

execute()

RecipeRepository

List<Recipe> recipes

RecipeRepository()

saveRecipe(Recipe)

<<Abstract>>
Recipe

List<String> ingredients

String cookingInstructions

int servingSize

List<String> categories

List<String> tags

float avgRating

String recipeName

createRecipe(String)

getIngredients()

setIngredients()

getInstructions()

setInstructions()

getServingSize()

setCategories()

getCategories()

setTags()

getTags()

setAvgRating()

AppetizerProduct

DessertProduct

MainDishProduct

RecipeRatingManager

-RecipeRatingManager

-Map<Recipe, Float>

RecipeRatingManager()

getInstance(): RecipeRatingManager

rateRecipe(Recipe, float)

computeAvgRating(Recipe): float

```
┌─────────────────────────┐
│    AppetizerCreator     │
├─────────────────────────┤
│ +createRecipe(): Recipe │
│                         │
└─────────────────────────┘

┌───────────────────────────┐
│       <<Interface>>       │
│       RecipeCreator       │
├───────────────────────────┤
│ createRecipe()            │
│                           │
│                           │
└───────────────────────────┘

┌─────────────────────────┐
│     DessertCreator      │
├─────────────────────────┤
│ +createRecipe(): Recipe │
└─────────────────────────┘

┌─────────────────────────┐
│     MainDishCreator     │
├─────────────────────────┤
│ +createRecipe(): Recipe │
│                         │
└─────────────────────────┘
```