KHABO

Class Diagram

Group Members

1905095 - Md. Raihan Sobhan

1905106 - Rayan Islam

1905110 - Md. Labid Al Nahiyan

1905111 - Zarif Ikram

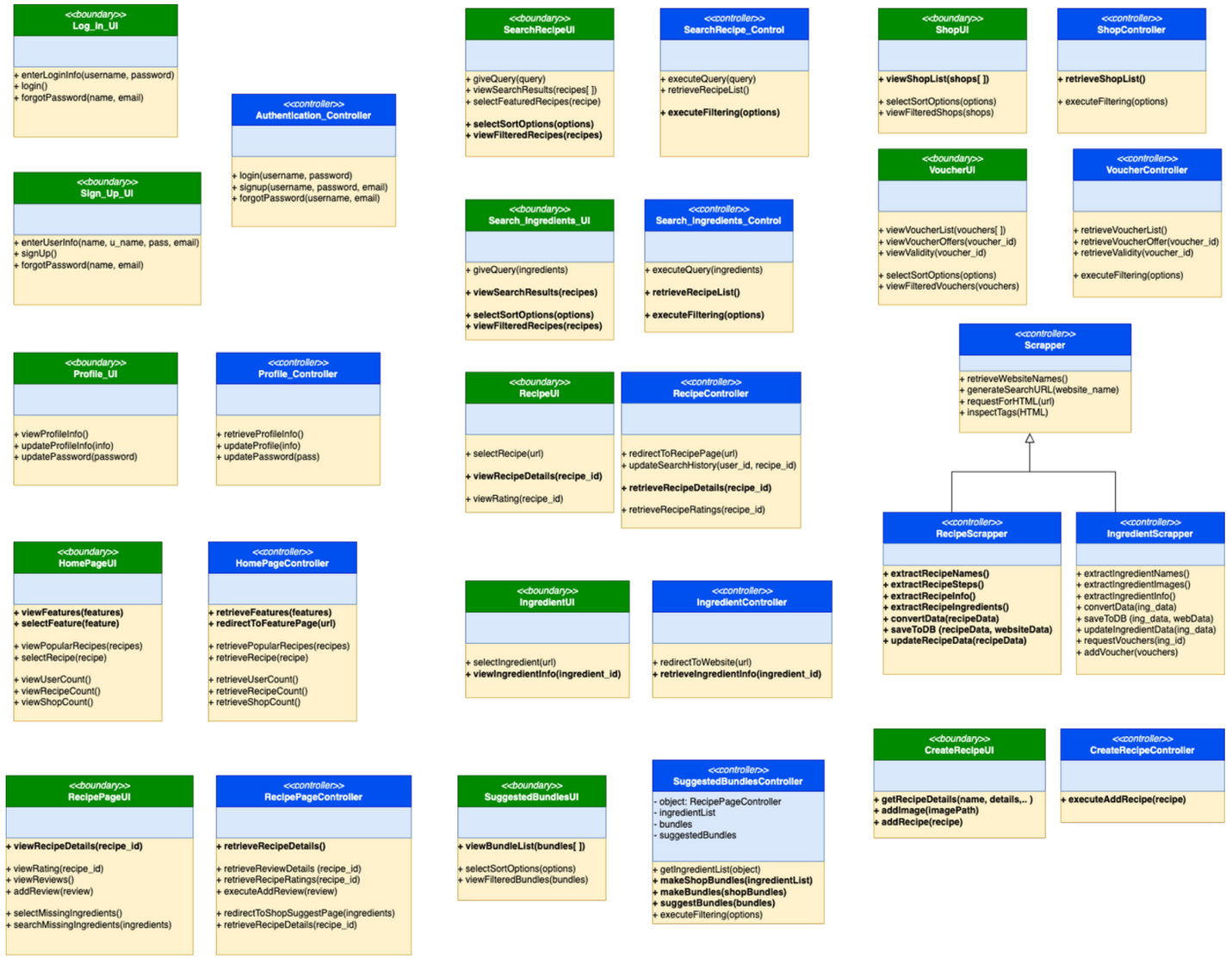
1905113 - Anamul Hoque Emtiaj

1905114 - Sk. Saifullah Hafiz

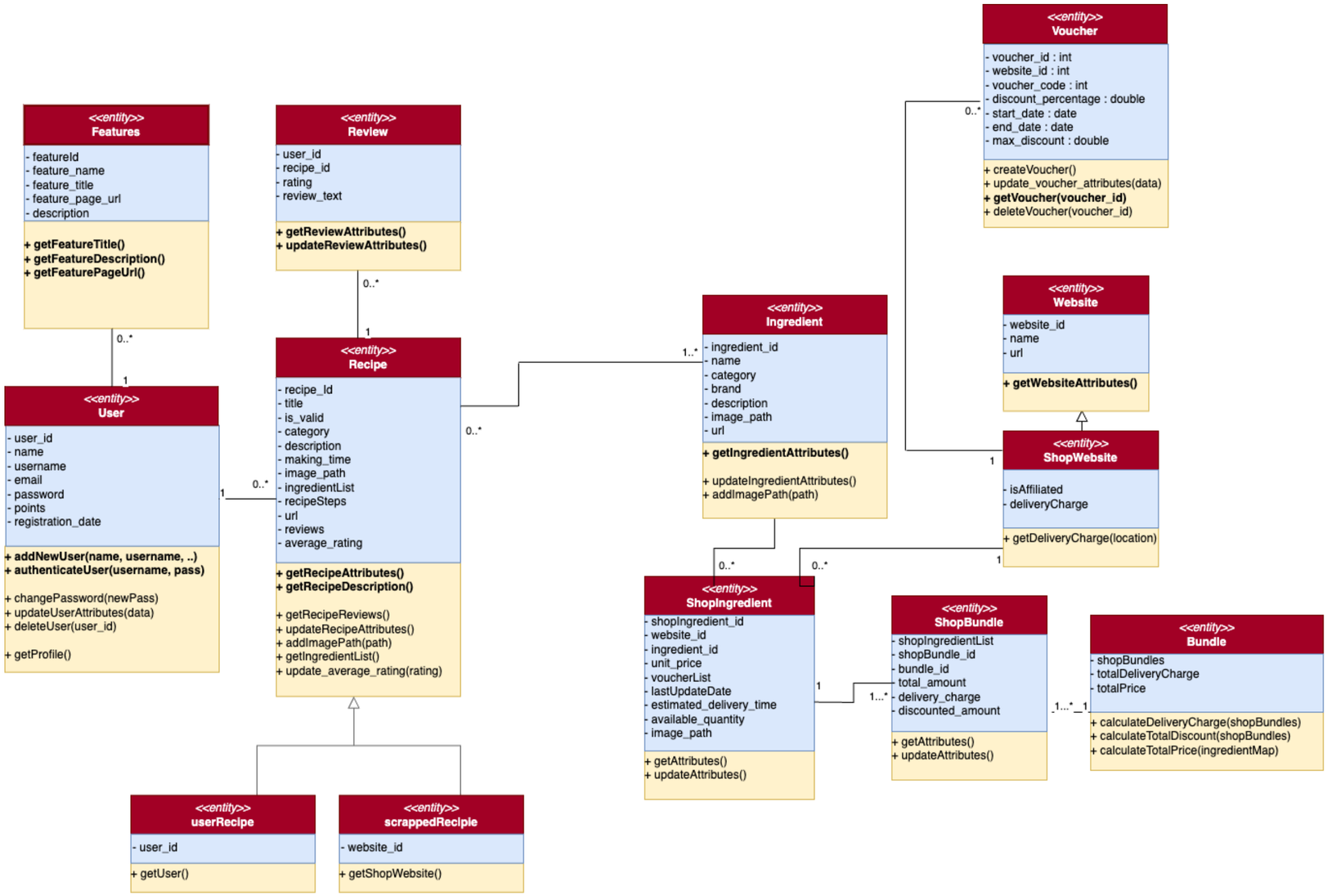
Modules

- Ingredients Scraper
- Recipe Scraper
- Recipe Visualizer
- Intelligent Shop Suggester

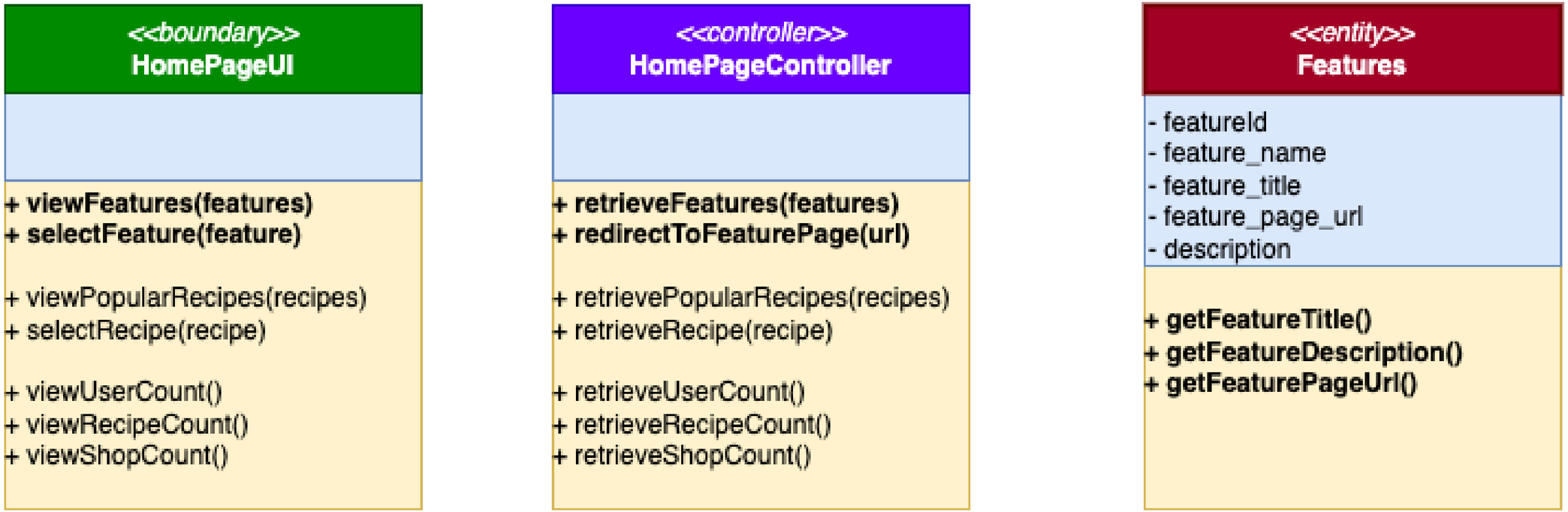
Full Class Diagram (1)



Full Class Diagram (2)



Home Page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+ selectRecipe(recipe)
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+ viewRecipeCount()
+ viewShopCount()
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+ retrieveRecipe(recipe)
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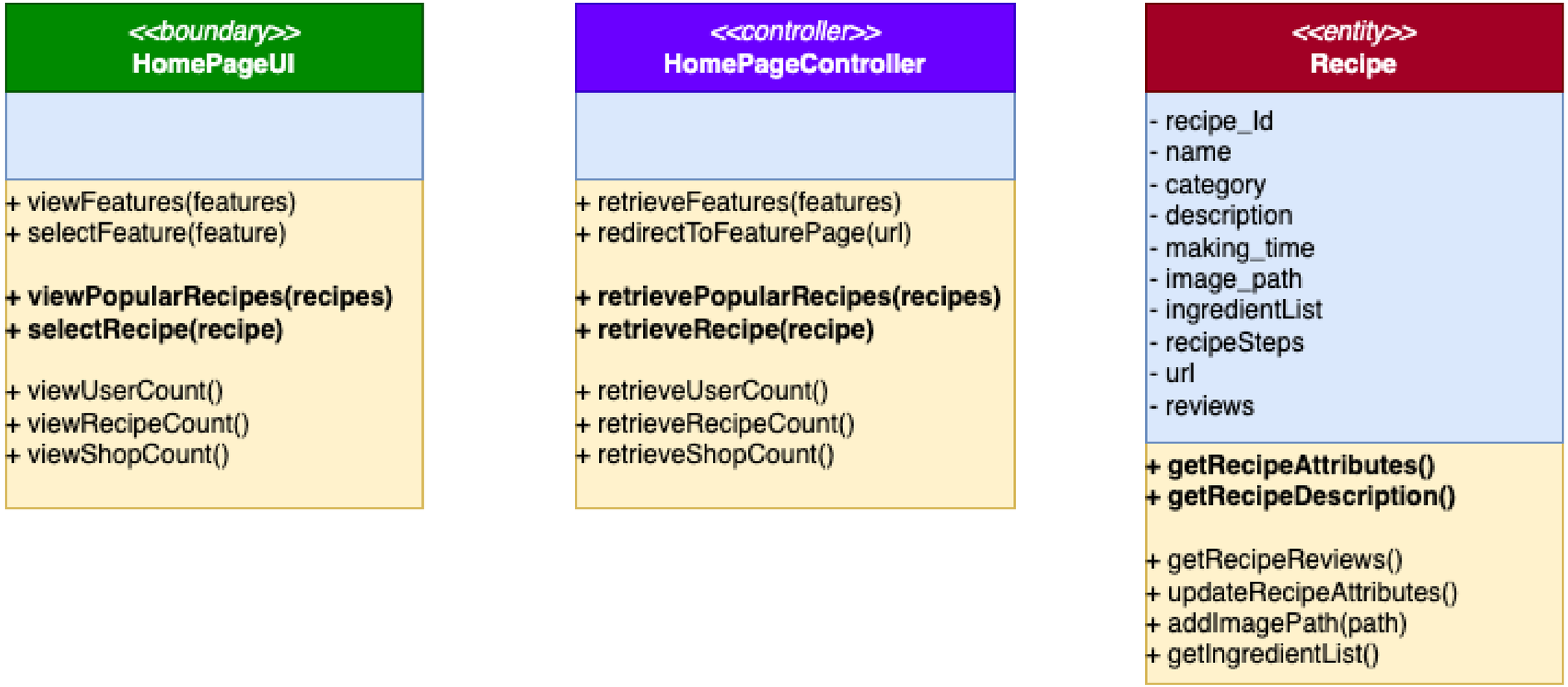
Home Page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HomePageUI
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Recipe
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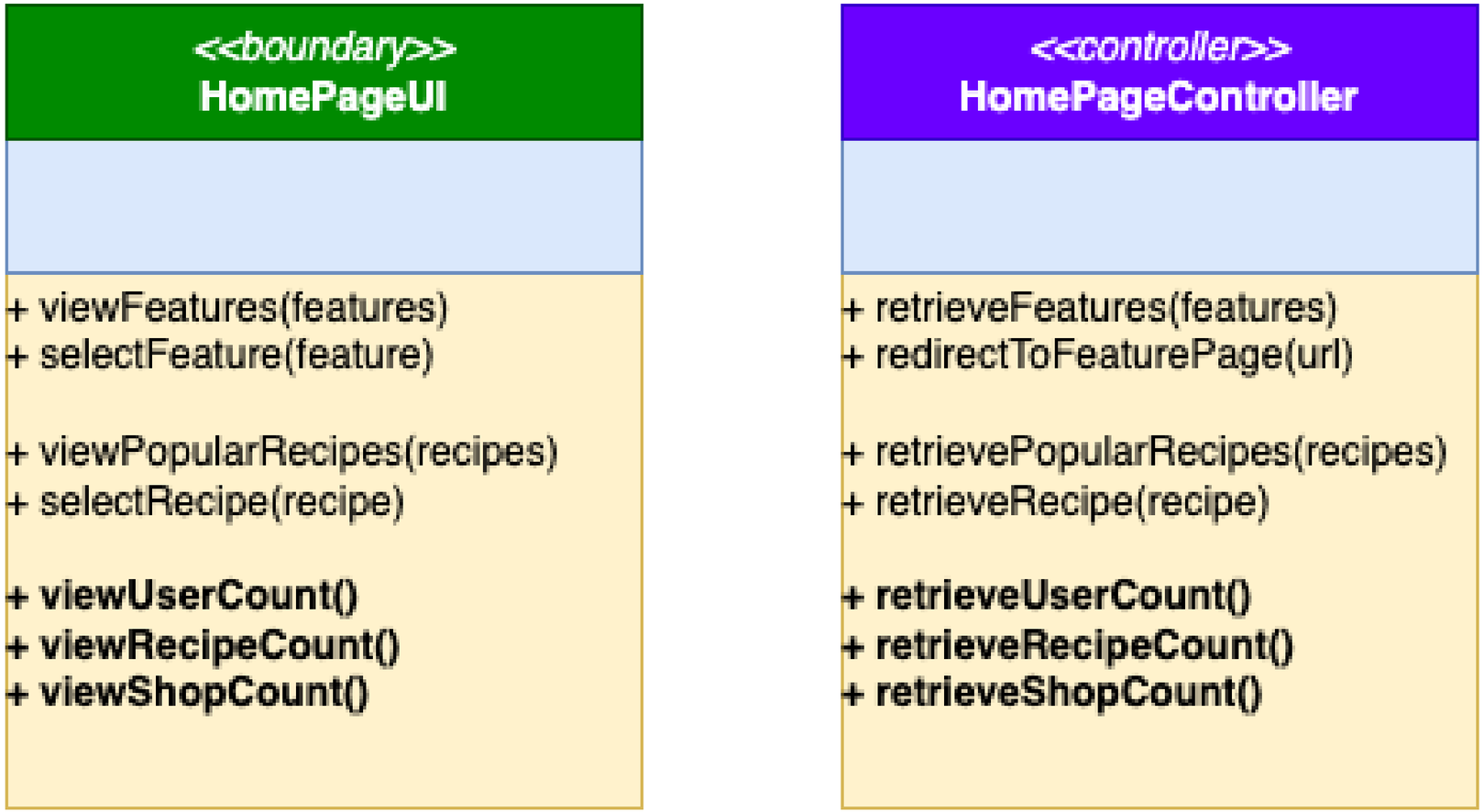
- name
- category
- description
- making_time
- image_path
- ingredientList
- recipeSteps
- url
- reviews
+ getRecipeAttributes()
+ getRecipeDescription()
+ getRecipeReviews()
+ updateRecipeAttributes()
+ addImagePath(path)
+ getIngredientList()

Home Page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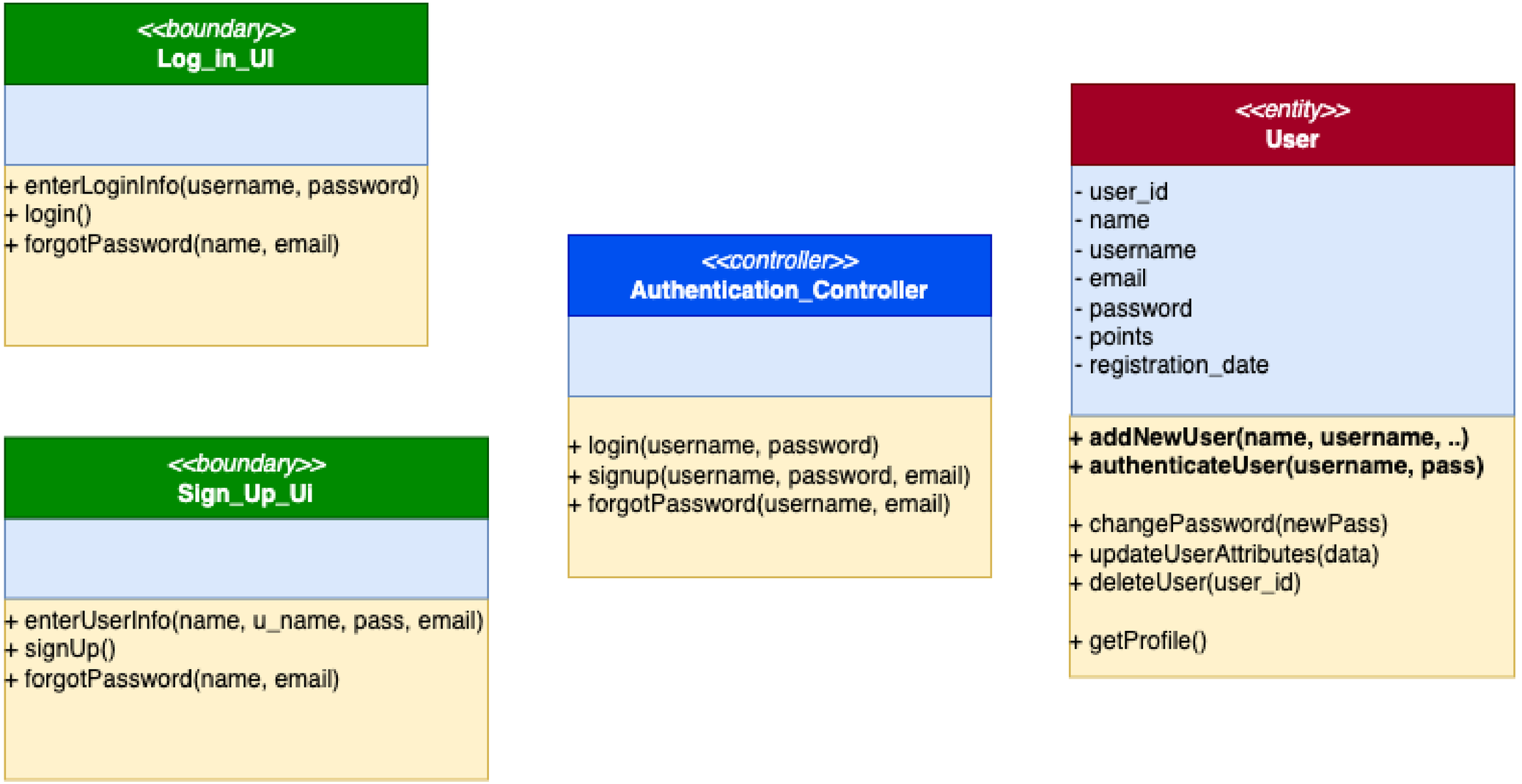
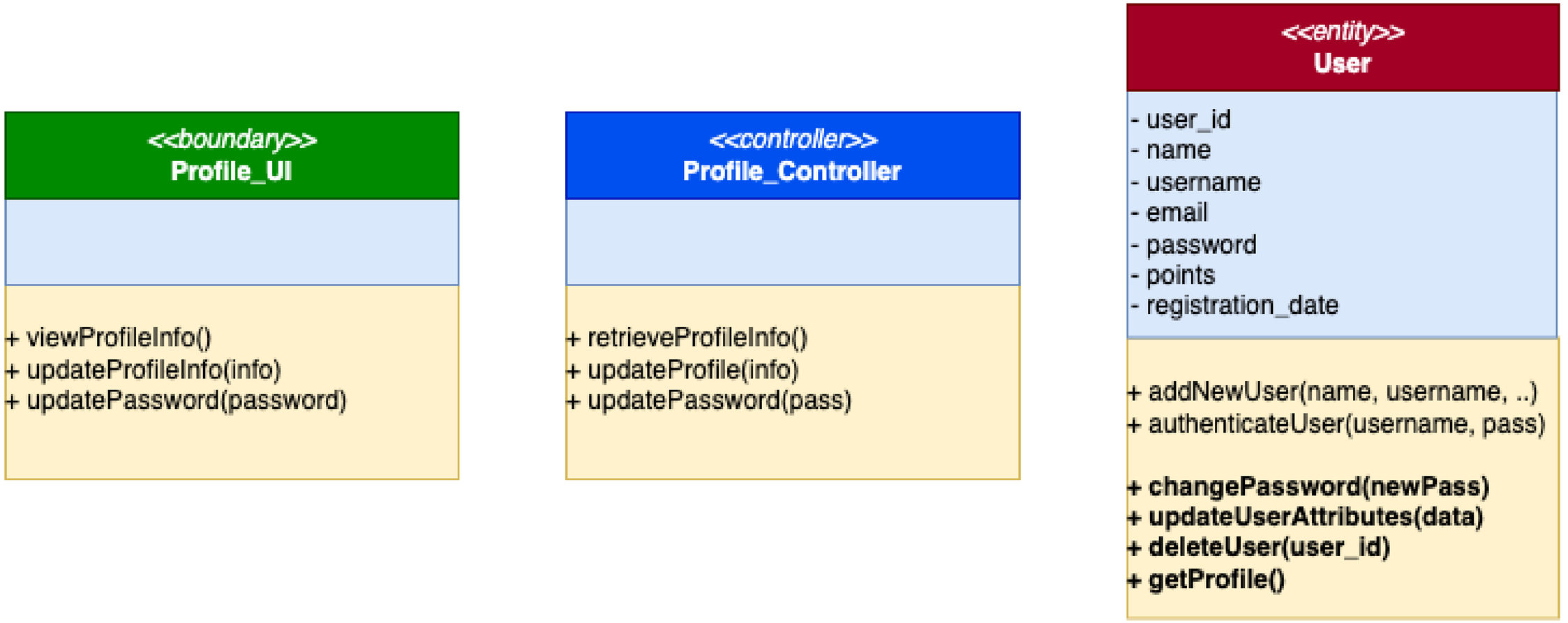
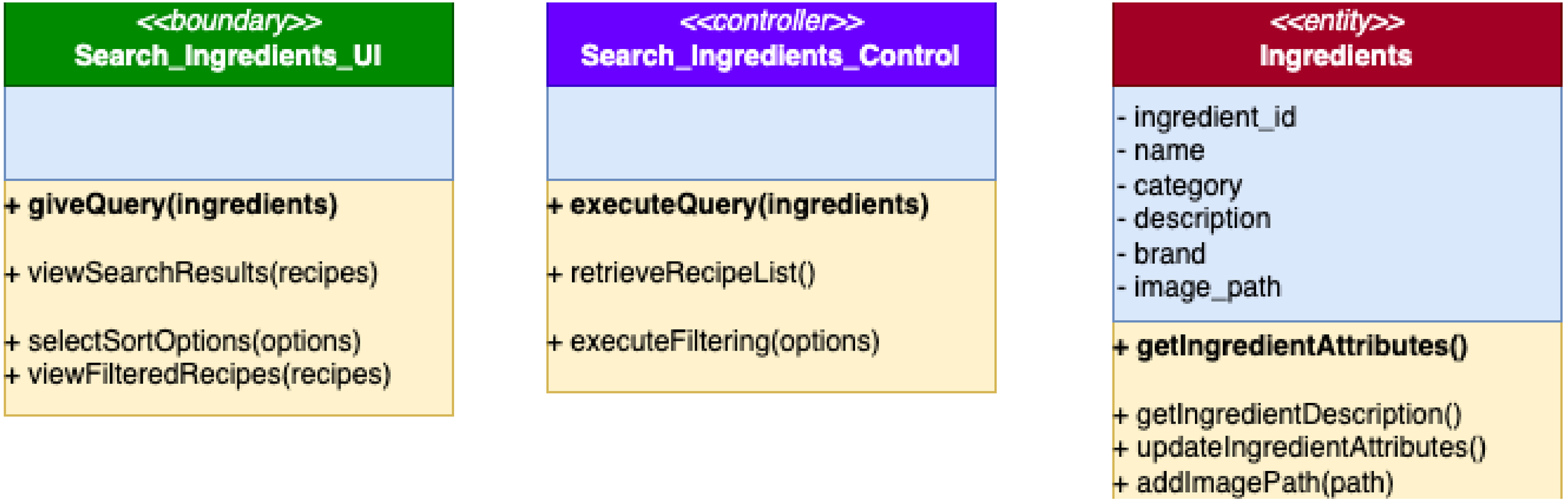
Authenticate User



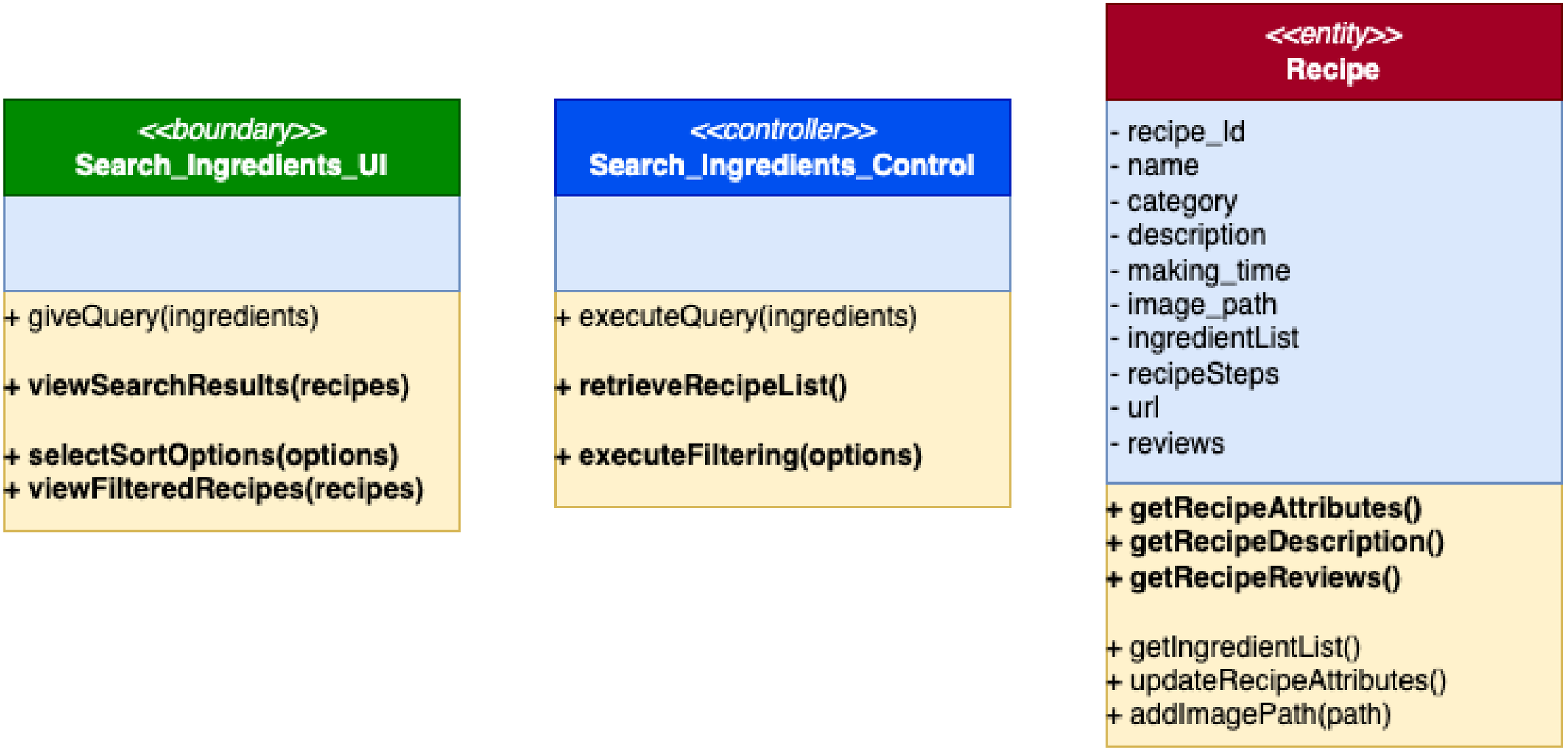
User Profile



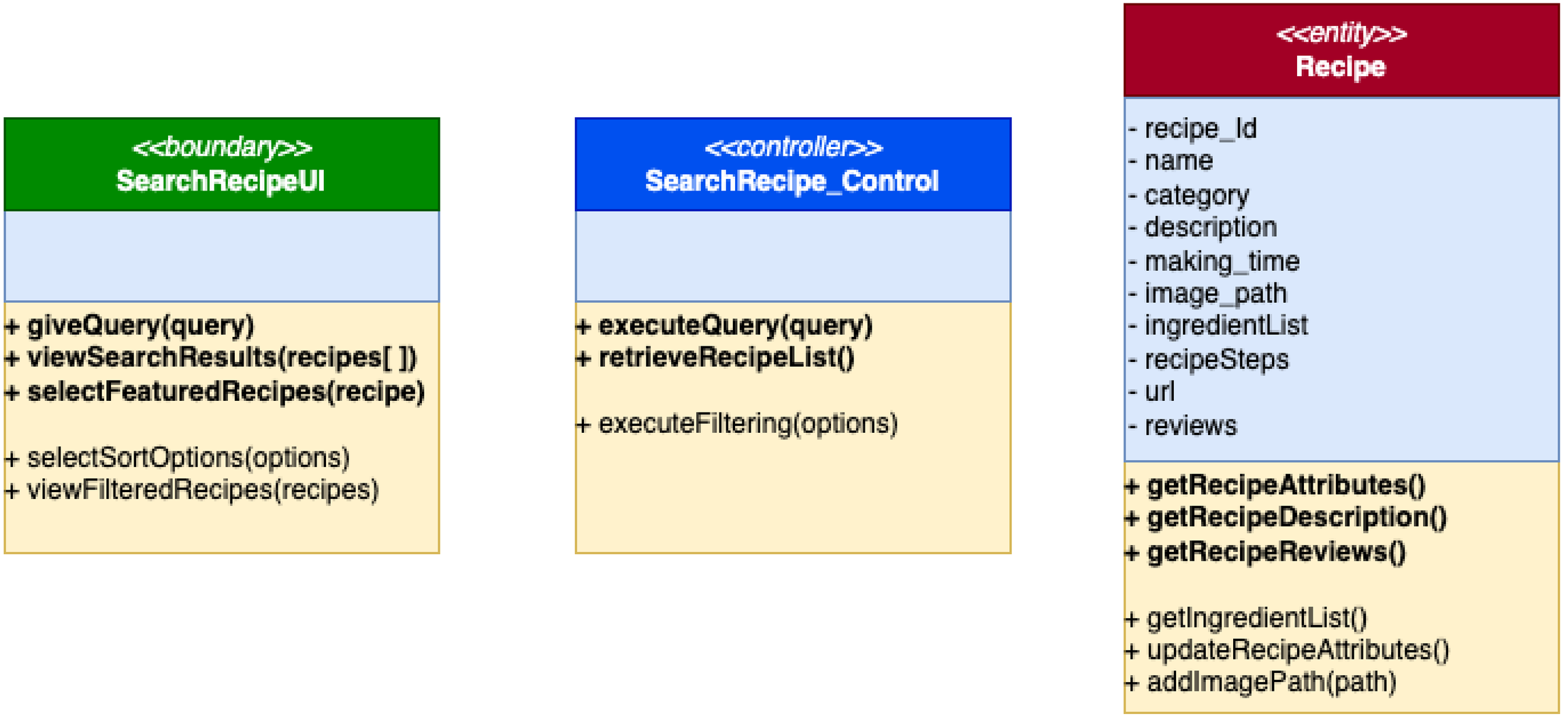
Search and Filter (Ingredients)



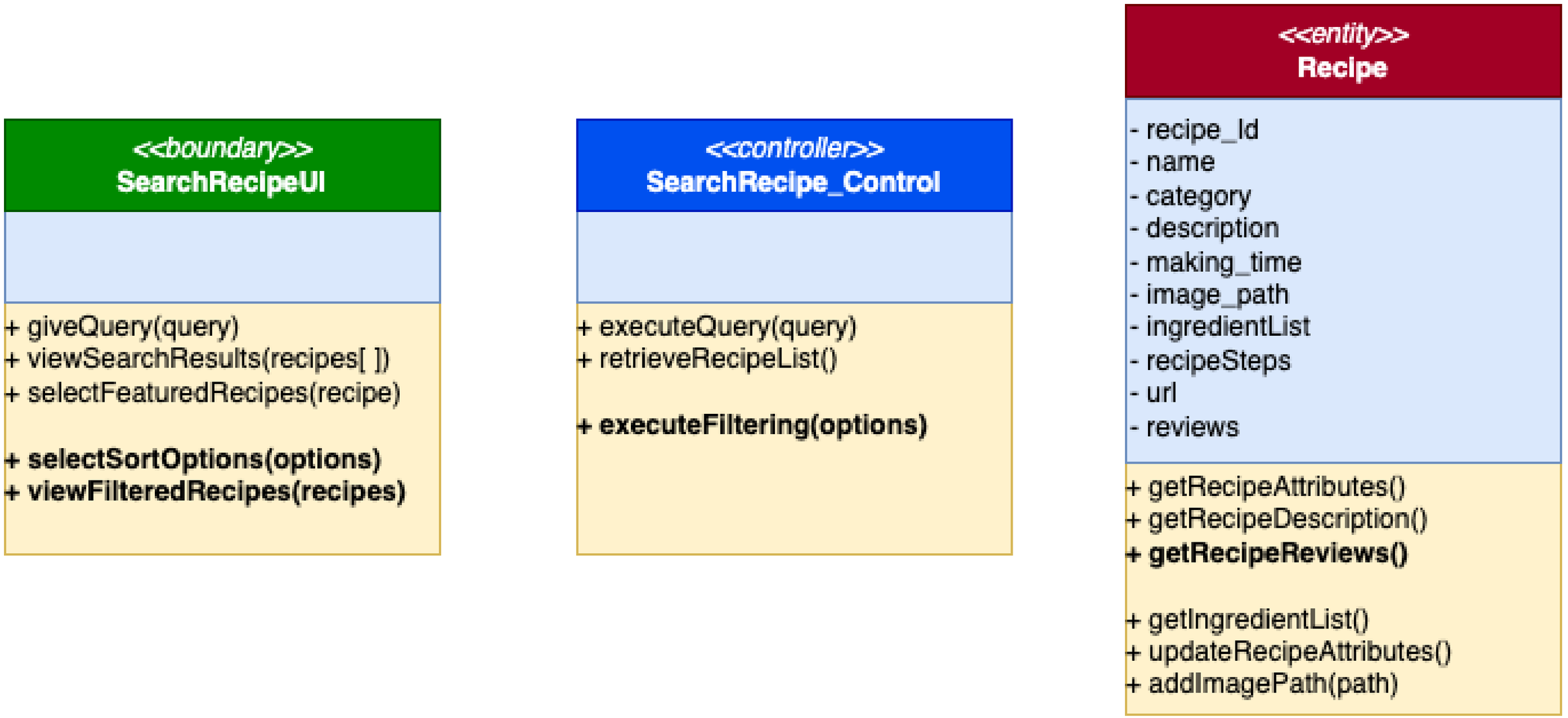
Search and Filter (Ingredients)



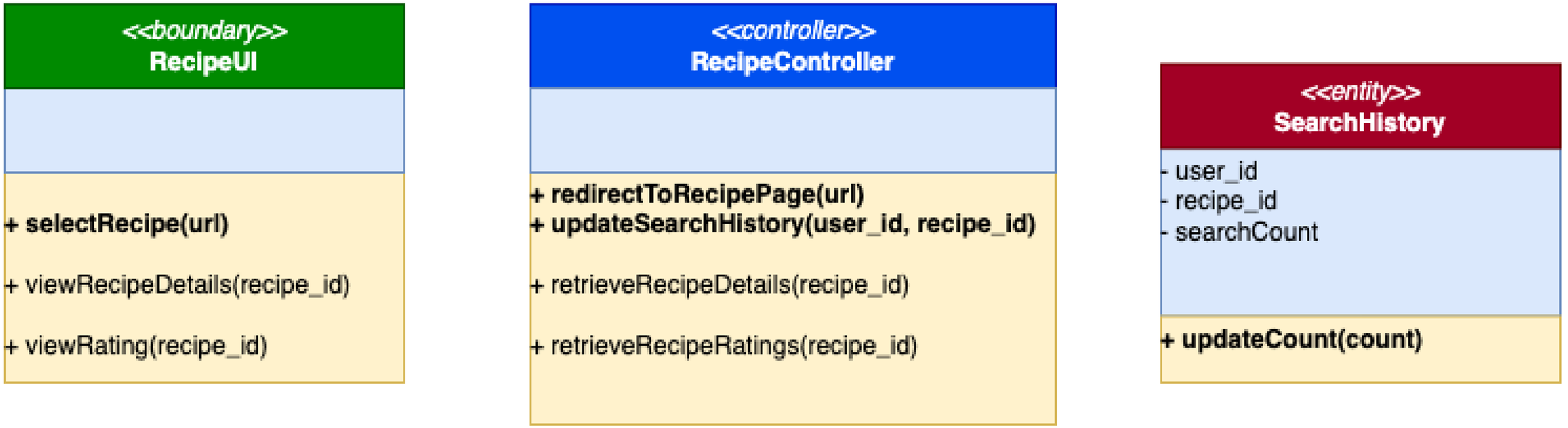
Search and Filter (Recipes)



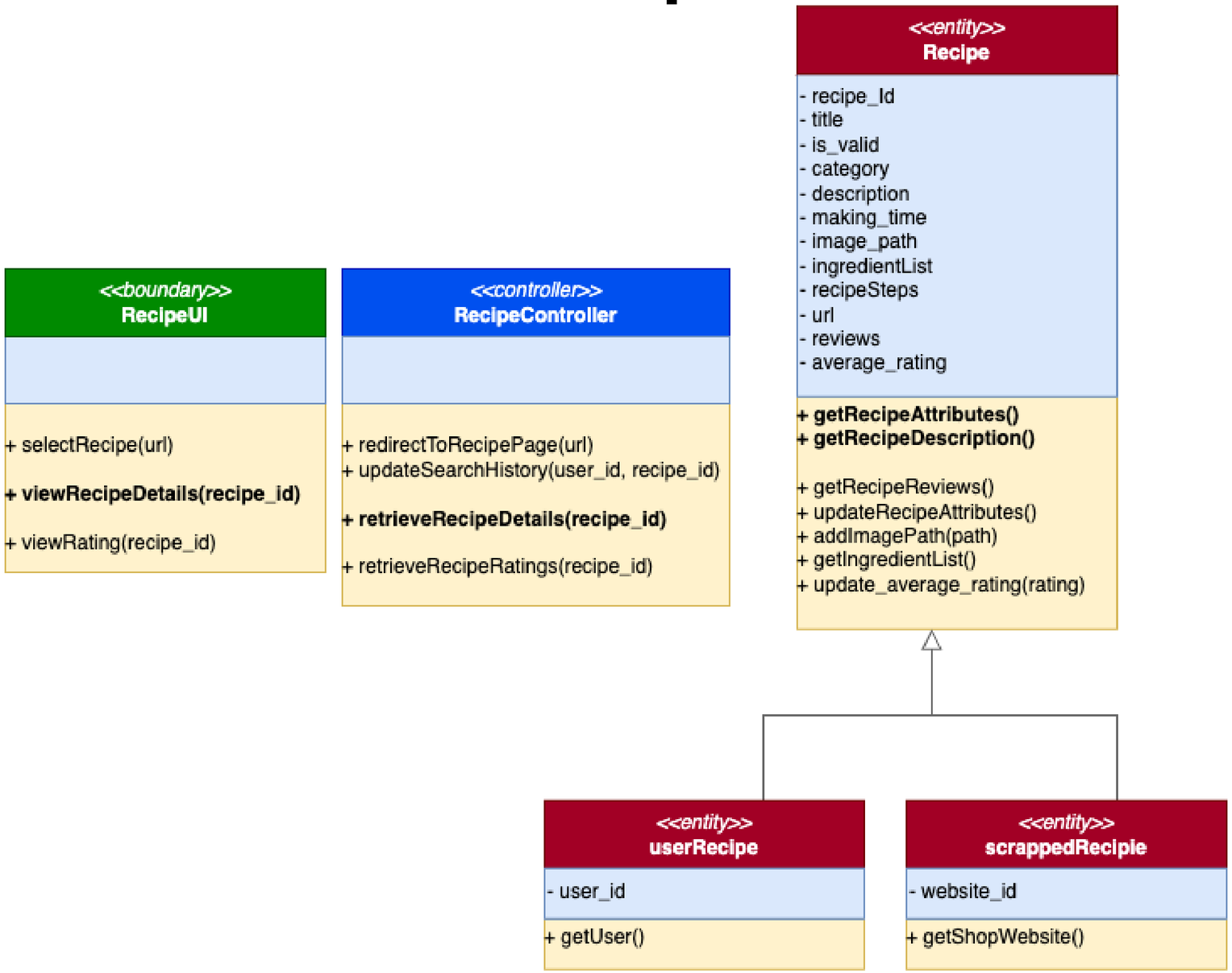
Search and Filter (Recipes)



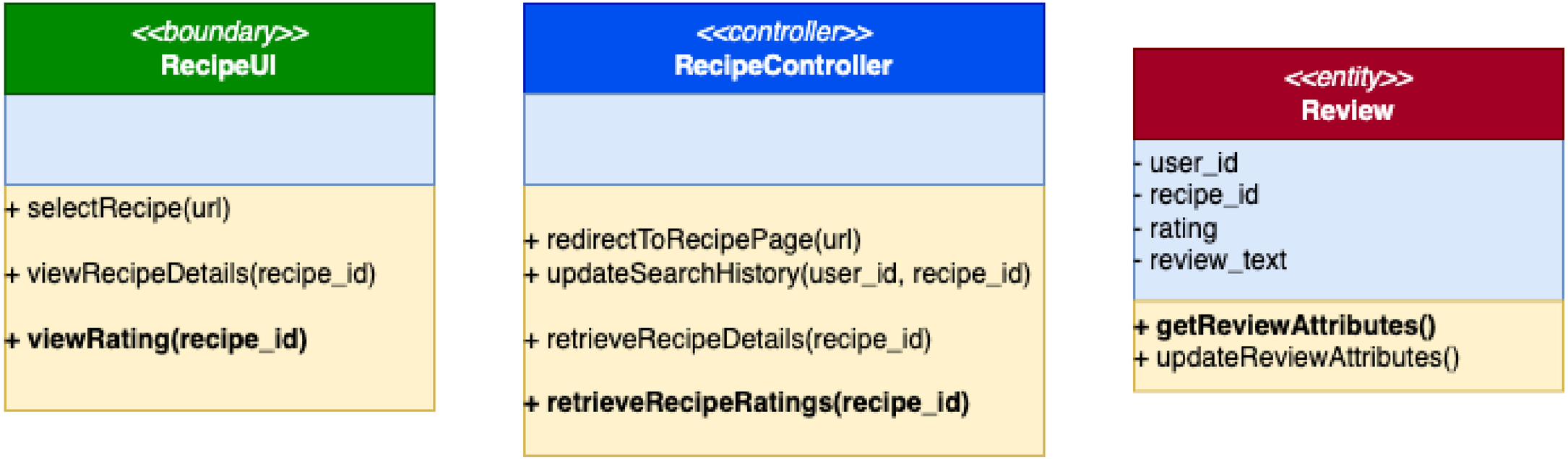
View Recipe List



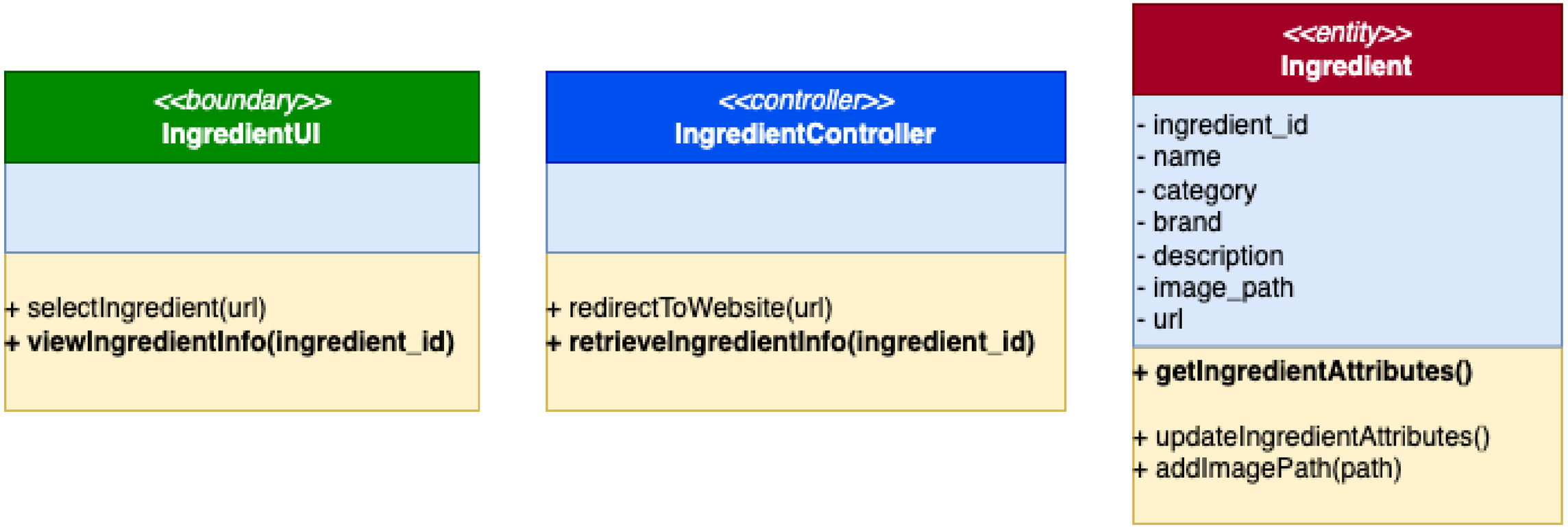
View Recipe List



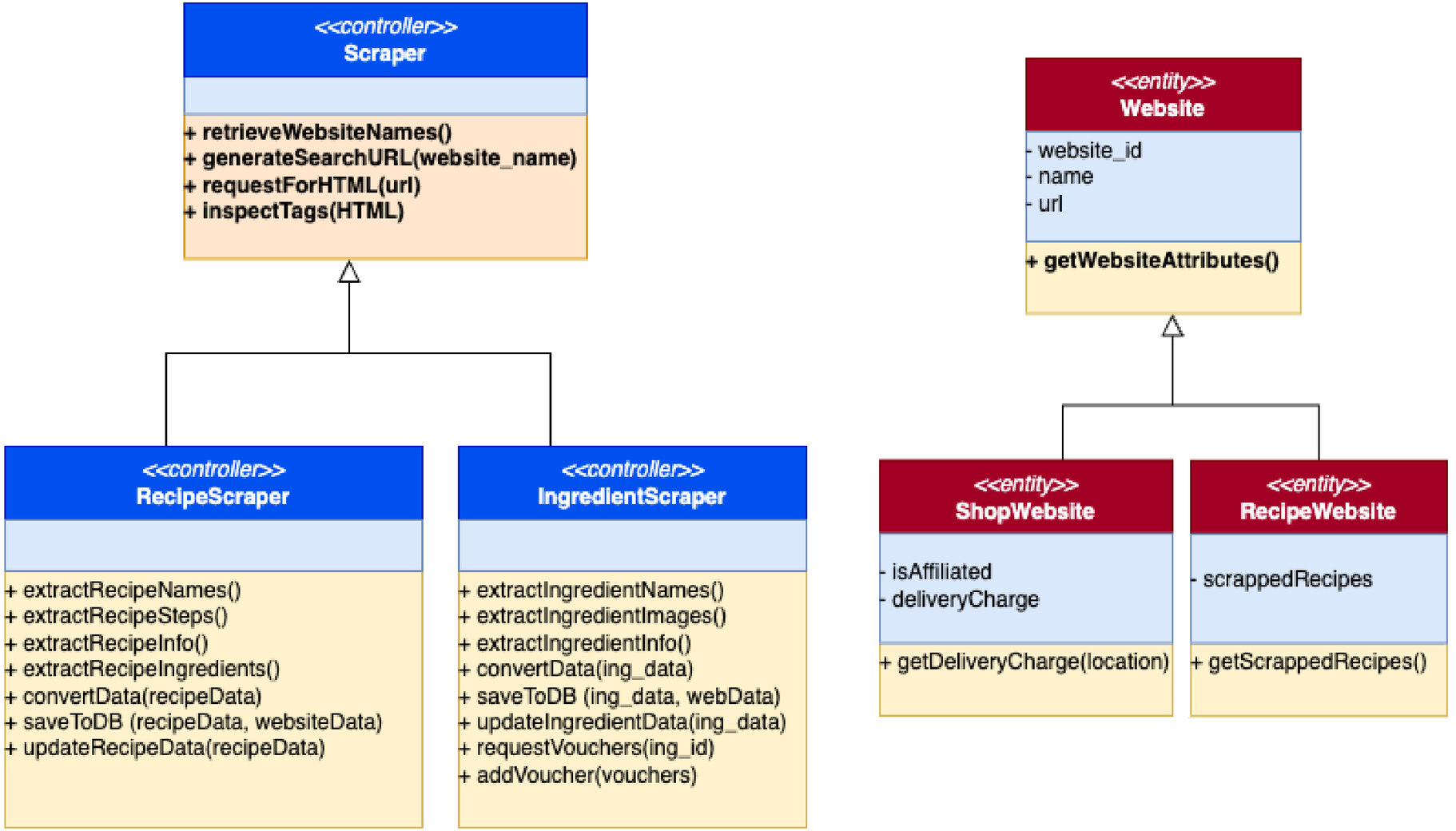
View Recipe List



View Ingredient



Scraper


<<controller>>
Scraper
+ retrieveWebsiteNames()
+ generateSearchURL(website_name)
+ requestForHTML(url)
+ inspectTags(HTML)
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RecipeScraper
+ extractRecipeNames()
+ extractRecipeSteps()
+ extractRecipeInfo()
+ extractRecipeIngredients()
+ convertData(recipeData)
+ saveToDB (recipeData, websiteData)
+ updateRecipeData(recipeData)
<<controller>>
IngredientScraper
+ extractIngredientNames()
+ extractIngredientImages()
+ extractIngredientInfo()
+ convertData(ing_data)
+ saveToDB (ing_data, webData)
+ updateIngredientData(ing_data)
+ requestVouchers(ing_id)
+ addVoucher(vouchers)
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Website
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- name
- url
+ getWebsiteAttributes()
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ShopWebsite
- isAffiliated
- deliveryCharge
+ getDeliveryCharge(location)
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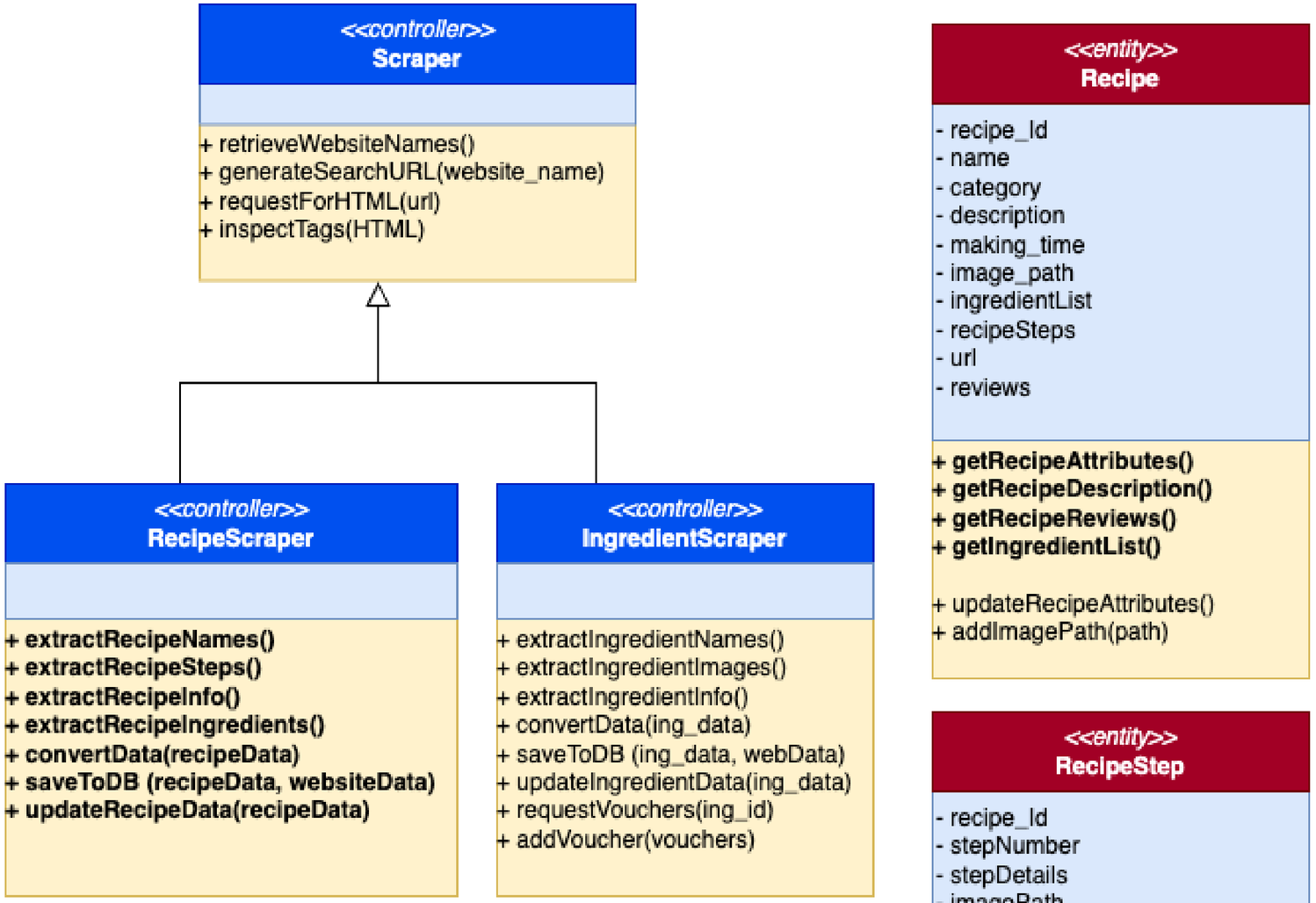
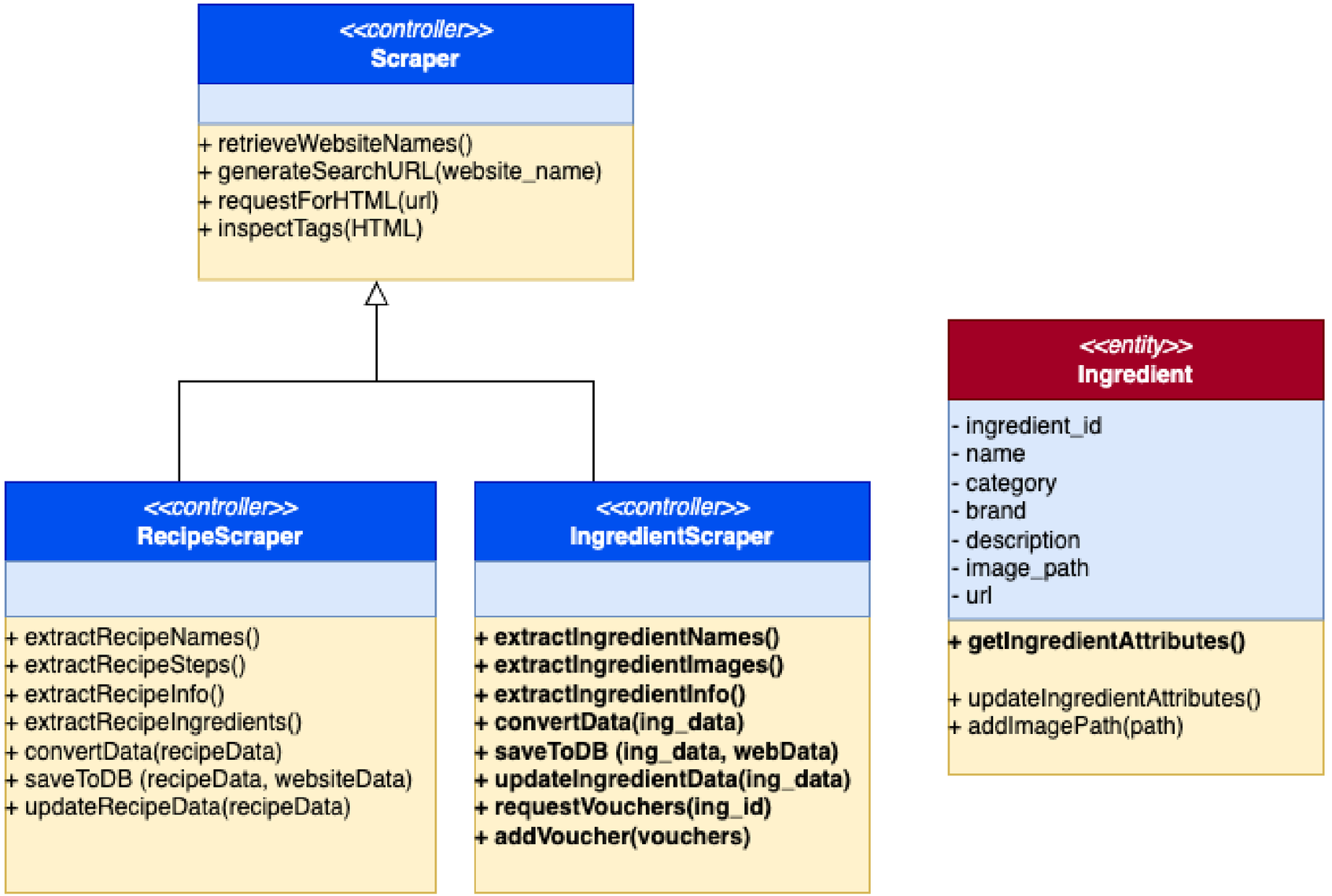
RecipeWebsite
- scrappedRecipes
+ getScrappedRecipes()

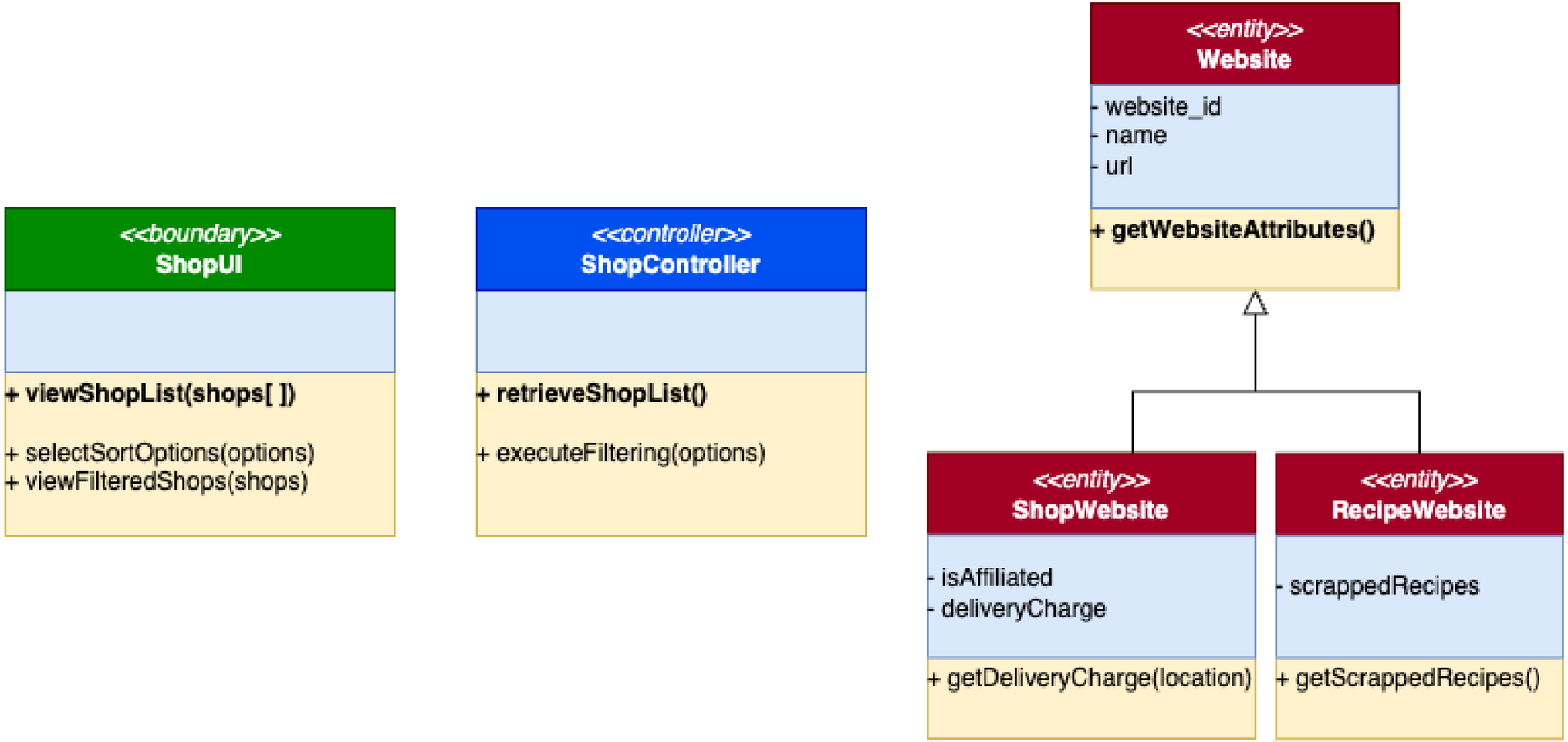
Recipe Scraper



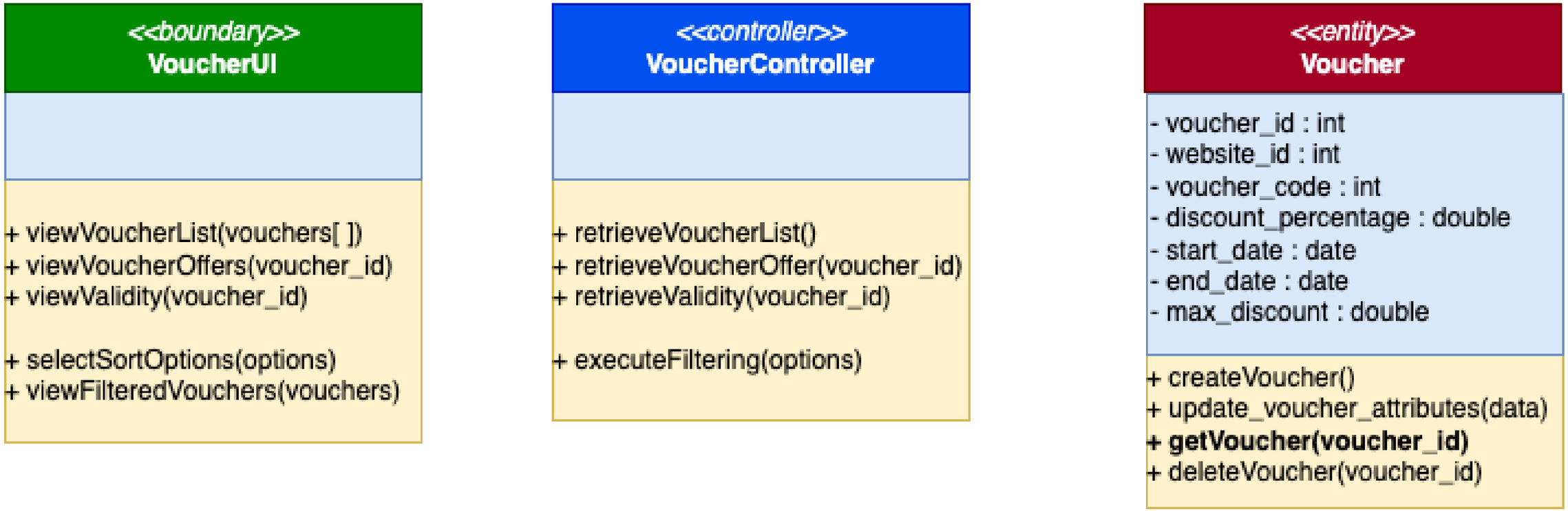
Ingredient Scraper



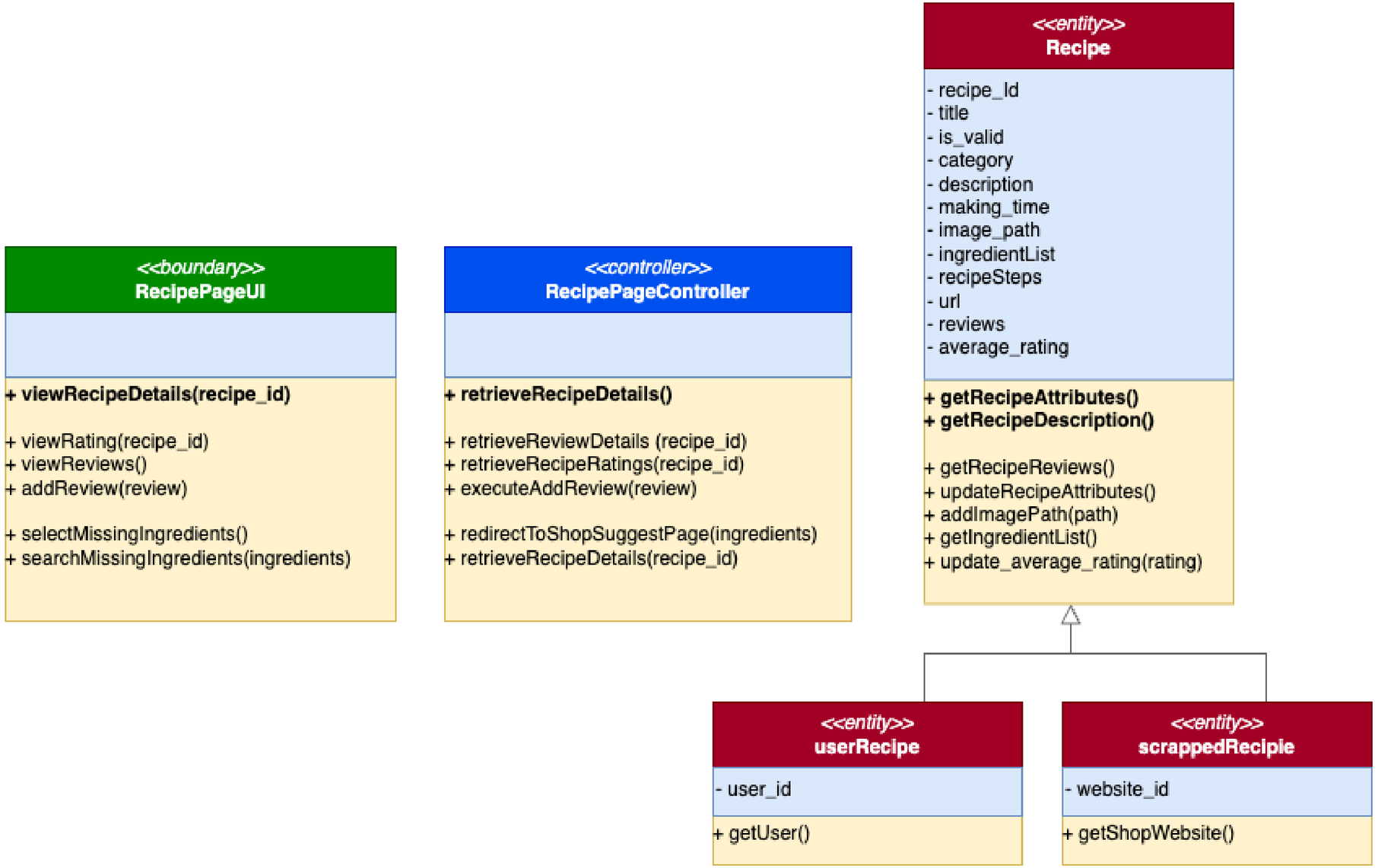
Show Shop List



Show Vouchers



Show A Recipe



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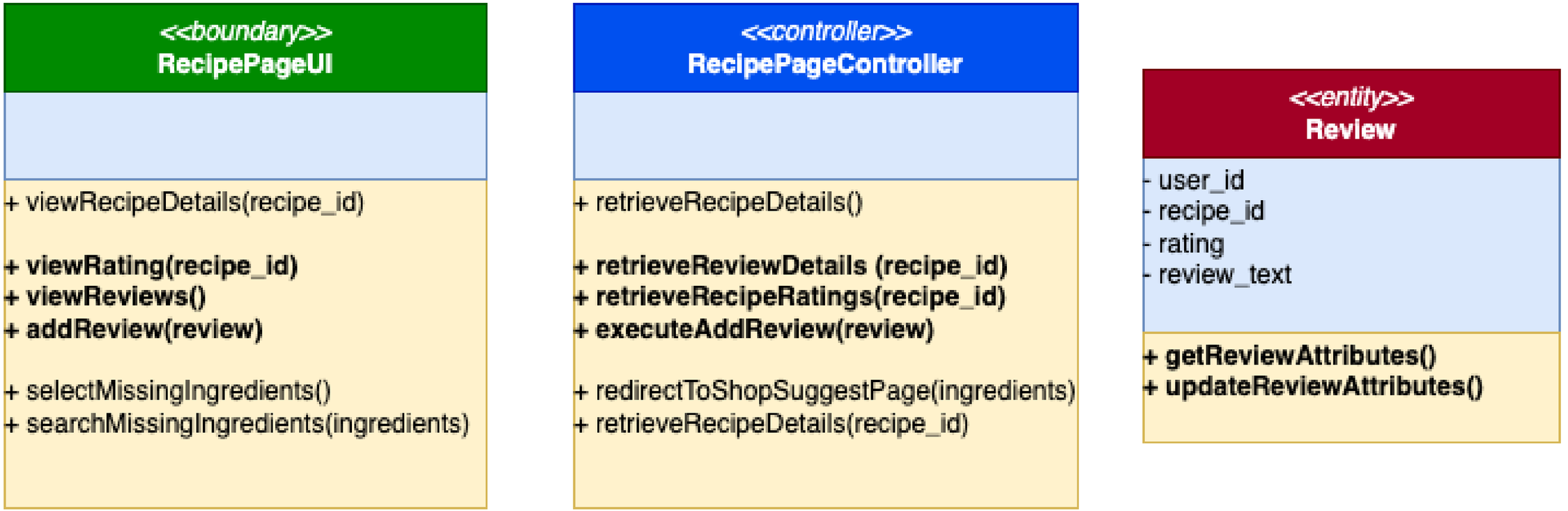
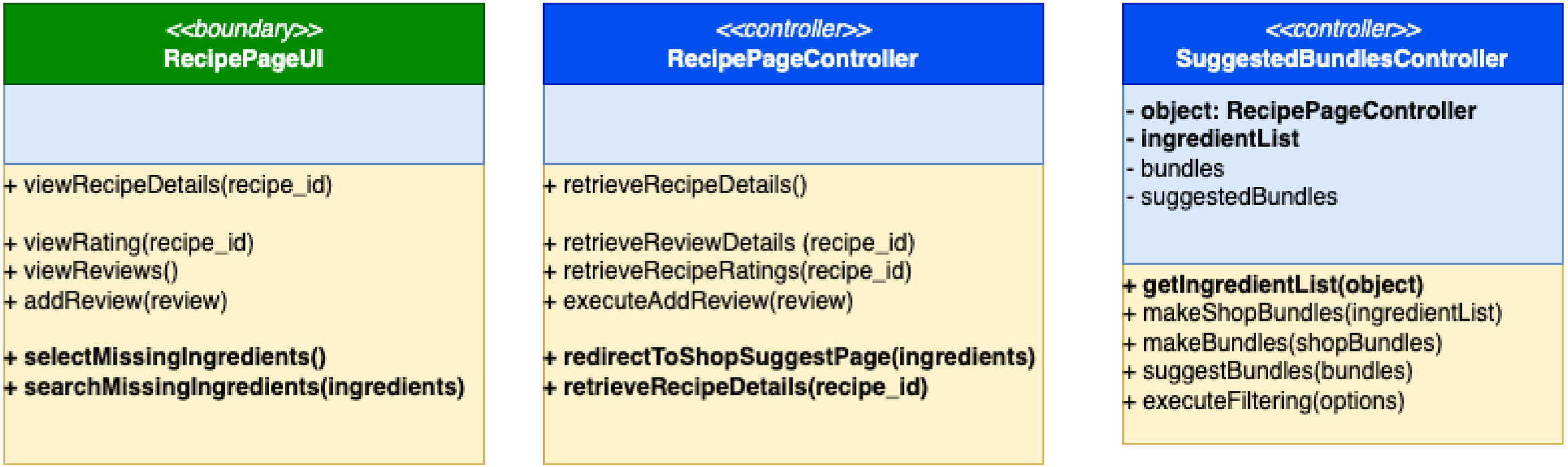
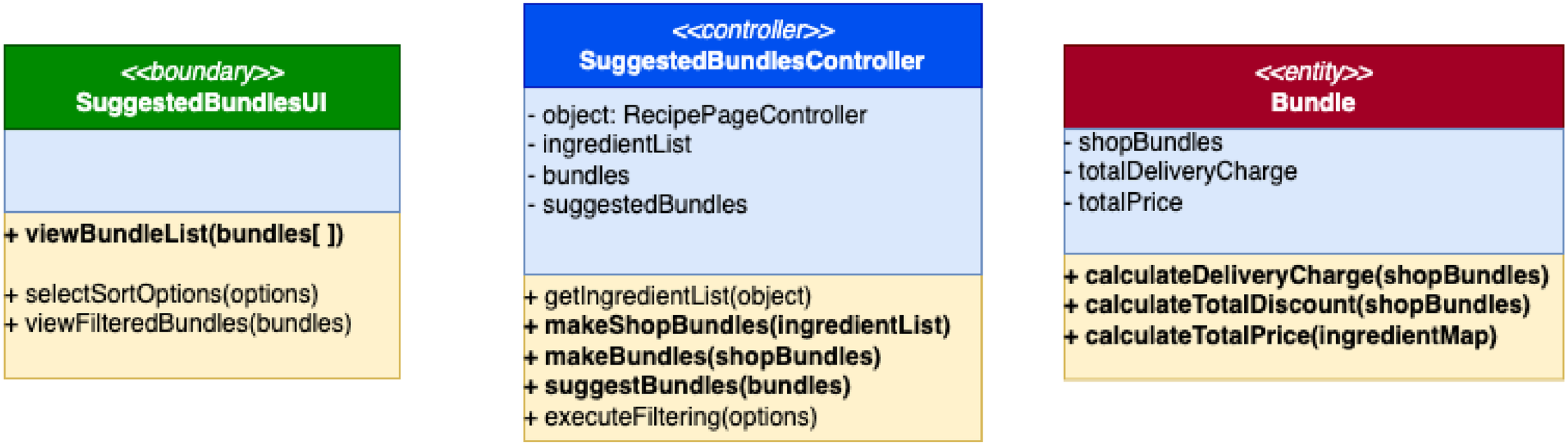


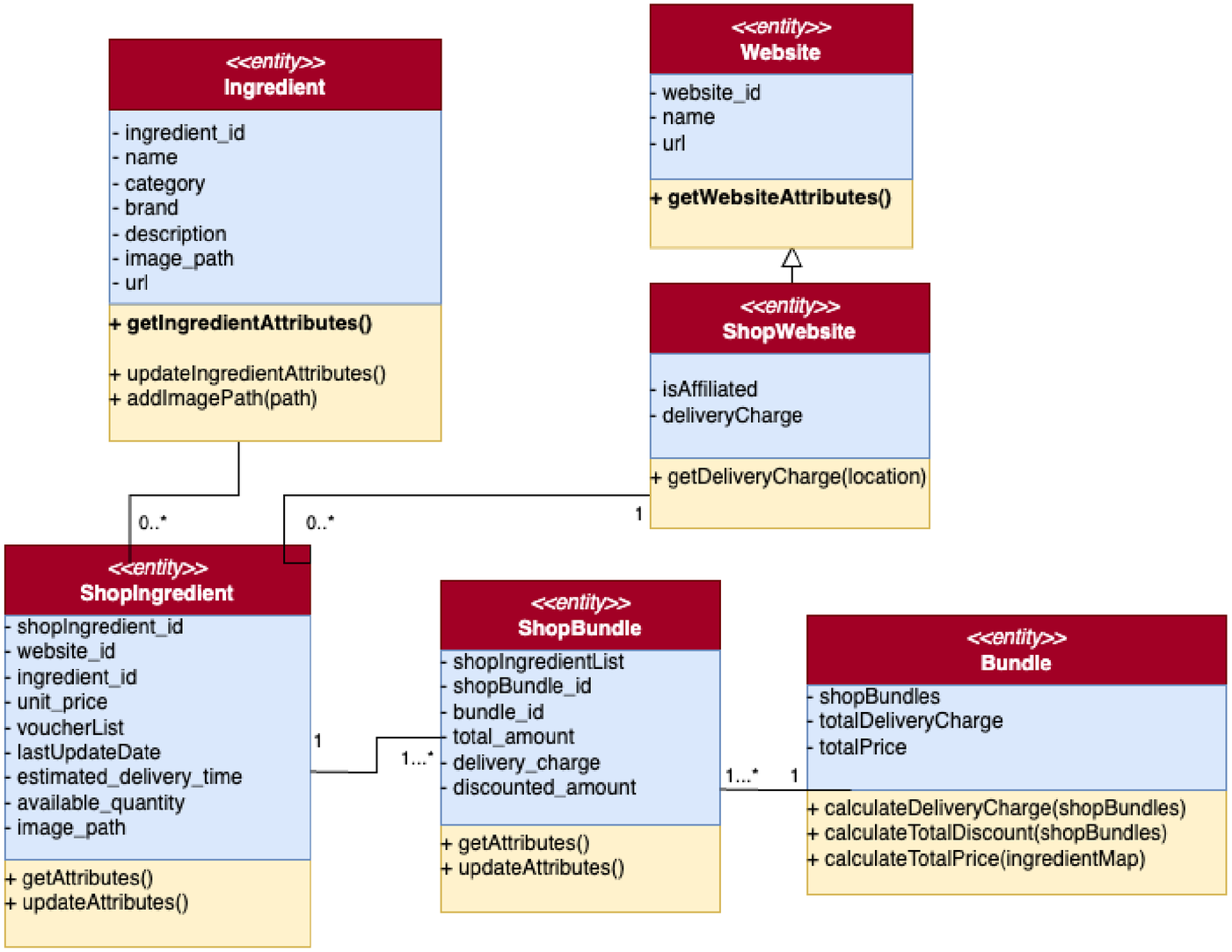
Show A Recipe



Intelligent Shop Suggestion



Bundle Hierarchy



THANK YOU

#TEAM_KHABO