CS174  
Assignment #1  
Team: 404  
Feb. 6, 2018

**Functional Specification**

1. Product name: EZRecipes
2. Problem statement: There are some websites show the recipes, but there is no specific websites for people (specifically students) who want to know cheap or easy recipes.
3. Product objectives: EZRecipes provides a massive collection of recipes from seasonal dishes, healthy recipes, and money-saving meal ideas. Users can browse delicious and creative recipes on EZRecipes, discover recipes based on the food they love, and also share everyday cooking inspiration.
4. Functional requirements:
   1. EZRecipes shall be able to list top ten popular dishes for user reference.
   2. EZRecipes allows users to search specific recipes by name.
   3. EZRecipes shall be able to provide log-in / sign-up functions, allowing users to access and manage their accounts.
   4. EZRecipes allows user to “like”, “save”, and “follow” other users who shares the recipes.
   5. EZRecipes shall be able to “upload” user’s own recipes.
   6. EZRecipes shall be able to provide nearby supermarkets to buy ingredients on the recipe.
5. Nonfunctional requirements:
   1. Good UI: Easy to follow, easy to see the recipe while cooking.
   2. Support Multi-languages: English, Japanese, and Chinese.
   3. Run on different browsers including Chrome, Edge, Safari, Firefox.
   4. Signal the user if there is no action for more than 5 mins.
6. Use cases:   
   (see attachments)
   1. View recipes.
   2. Log-in/Log-out to user account.
   3. New users sign-up ( make their account).
   4. Save others’ recipes.
   5. Search a recipe by name.
   6. Like other user’s recipe.
   7. Follow other users.
   8. Upload own recipes.

7. UML Diagram

