**Food Recipe Platform**

The Food Recipe Platform is a group project that aims at providing a convenient way to search food recipes. The platform will have a recipe search engine that will give users access to different types of cuisines from around the world. Recreate any desired dish with easy instructions. Users can access the smart shopping list, which provides a list of ingredients needed for your desired recipe when grocery shopping. The recipe generator will provide users with a recipe tailored made for them. The random recommendation feature will help any indecisive users looking to try out new recipes. With the development of the Food Recipe Platform, we hope to give individuals easy access to food instructions and promote cooking at home.

1)**World Assumptions:**

* Users have access to the internet and suitable devices (e.g., computers, laptops).
* User needs to have a cooking area & basic equipment (e.g., stove, pans)
* User needs to have basic culinary skills (e.g., cutting meat/vegetables, sanitation practices)
* Users enjoy food or are health conscious and want tasty healthy alternatives

**User Requirements:**

* Access to different cuisines from around the world
* User-friendly interface for easy navigation
* Smart shopping list with grocery list maker
* Group chat feature to share with family and friends
* Ratings, comments, sharing systems for food
* Personalized profiles
* Random recommendation feature
* Recipe generator based on available ingredients
* Have low calorie meals

**Specifications and Interface Needs:**

* Using MongoDB to store & retrieve recipes based on the filter selected for ingredients
* Recipes contains the field- primary ingredients, which can be used to query & help with the grocery list maker
* There should be a field that holds where the country the food came from
* User login
* Button that gives you a random recipe
* Ratings, comments, sharing systems using MongoDB
* Being able to sort foods based on their calories

**Program and Hardware:**

* Developing an application using Java and its frameworks
* Integration of food recipe API

2) GitHub project repo: <https://github.com/yingxingxin/Food-Recipe-Platform.git>

3) Team meetings:

Tuesdays or Thursdays: in person after class at 1:30 pm,

Fridays: online on Discord at 12:30 pm