**Functionalities**

**Authentication Functionalities**

* User Registration
  + The user can register with their username, email id, password, first name, last name and microwave wattage. They can enter the microwave wattage either manually or from amazon.
* User Login
  + The user can login using their username and password.

**Information Functionalities**

* Home Page
  + Once the user is logged in, they will be redirected to the home page where they can keep track of all the new recipes, food items and equipment reviews.
  + This page will also have a search option that will let the user search for food items, recipes and equipment reviews by entering keywords.

* Profile Page
  + Each user will have their own profile page that will have information about the recipes that the user has uploaded or followed, the food items the user has uploaded information about and the equipment reviews that the user has made.
  + The user will have the option to follow other users enabling them to keep track of their friends’ preferences.

**Other Pages**

* Food Items Page
* Barcode scanner can be used to upload food items to the site.
* Users can enter new food items without the scanner as well. The scanner is provided to lessen the work for the user.
* Reviews Page
* Users can read and provide reviews for various equipment.
* Recipes Page
* Users can upload and go through recipes on the website.

**Other General functionalities**

* Users can look up the cooking time for various food items by searching about the food item on the homepage.
* User can post cooking times for food and recipes. After getting an estimate, users can report back to improve accuracy of information on site.
* Users can browse cooking times, recipes and reviews from Amazon.