

Signup (Implemented)

- User
Password
- Functionality*
- Create user object and add to the database
 - User id becomes the session ID

SubmitRecipe (Not implemented)

- Recipe input block
- Functionality*
- Give drop down list of each ingredient and corresponding quantity input for user to confirm
 - Get final nutritional value and create new Food object and allow member to put this in database

SearchResult (Implemented)

- Search block
Search result block
My options block
- Functionality*
- Allow further search
 - Display the search result in droplist below
 - Display the chosen block after search result is added
 - Link to **Optimize** page once the input items in the list

Home Page (Implemented)

- Login block
Sign up block
Search block
Submit recipe block
- Functionality*
- Assign temporary ID for anonymous user
 - Link member to **Profile**
 - Link to **Signup**
 - Allow Search and link to **SearchResult**
 - Link to **SubmitRecipe**

Optimize (Implemented – problem with undefined solution)

- MinMax Objective block
Bounds of each nutrients block
Result block
- Functionality*
- Allow user to input the constraints and the objective
 - Display the amount of each food below
 - Allow member to save items on the option lists
 - Allow member to save current nutritional constraints
 - Update attribute of user with new food ids and nutritional constraints

Profile (Not implemented)

- Food Option list and amount
Nutrient constraints block
Logout block
- Functionality*
- Display the stored food items (included recipe as an food object)
 - Display the existing constraints
 - Allow user to logout

