

Sprint #2 Revision #1

Goal:

Allow users to see all updated menus, search for specific meals, and find directions to each location.

User Story #1: A

As a user, I want to obtain accurate info on current menus, as well as dietary restrictions of all food, so I can choose what to eat.

Tasks:

1. Fetch menu data for dining halls from website using web scraping (4)
2. Put the data fetched into a SQLite database (1)
3. Automate first two steps when you open the app (4)

Total time: 9 hrs total

User Story #2: A

As a user, I want to be able to find the current directions to any of the on-campus eateries, so I can eat there.

Tasks:

1. Add each eateries location into database (1)
2. Implement Google map locations of each eatery (3)
3. Allow the user to find current directions to each location through the click of a floating action button/image on each location display page (4)

Total time: 8 hrs total

User Story #3: A

As a user, I want the app to be easily navigable, so I can access what I want quickly.

Tasks:

1. Add a bottom navigation bar to each activity to access menu selection, searching capability, and preferences (5)

Total time: 5 hrs total

User Story #4: A

As a user, I want to be able to search for food by ingredients, or my own dietary restrictions, so I can properly choose what/where to eat.

Tasks:

1. Update Foods database table to allow a new column 'Tags' to store tags for each menu item (1)
2. Add dietary restriction tags for all static food items in the database (3)
3. For all non static food items, a.k.a. Dining hall food, add automatic tagging when you read from the web (2)
4. Implement initial back-end search function, allowing users to search strictly by meal names (2)

Total time: 6 hrs total

Team Roles:

- Poucheong Chong : Developer
- Zhengyang Zhang : Scrum Master
- Kevin Nelson : Product Owner
- Huihao Chen : Developer

Initial Task:

- Poucheong Chong : Story 3-A
- Zhengyang Zhang : Story 1-A
- Huihao Chen : Story 2-A
- Kevin Nelson : Story 4-A

Scrum Time:

- Monday, Thursday during lab section, or after class
- Tuesday, after class