TheGoodPlates
5/30/2022

As a team we decided to take a manual testing approach. This was due to the fact that there were not that many “functions” to be tested, as well as none of the group members being familiar with automated testing.

Sprint 1:

US#1: As a user, I want to see a basic home screen so I can visually see the website.
US#2: As a user, I want to see a cover page of the website so I can have a general impression of website functionality.

Testing scenario: For the first two user stories, not much can be tested. Should be able to see the home screen and cover page without much visual problems.

US#3: As a user, I want to be able to enter a particular location to get more relevant restaurant recommendations.
US#4: As a user, I would like to see a given list of restaurant types so I can see the most common options.
US#5: As a user, I would like to see a search bar so that I can enter my preferred cuisine.

Testing scenario:

1. Scroll to the location section of our app. Users should be able to type their location, and hitting enter should send a message relaying their location again.

Sprint 2:

US#1: As a user, I want to enter my location to see restaurants nearby.

US#2: As a user, I want to enter my own food preferences so that I can see restaurants that I am interested in.

US#4: As a user, I would like the ability to like/dislike restaurants for future reference.

US#5: As a user, I would like to see all the restaurants I have liked.

Testing scenario:

1. Scroll to the location section and enter their location
   a. User won't know if location entry works until preference is chosen
2. Scroll to preference section and type their preferred food preference.
3. After first two steps, should see a single recommended restaurant at the recommendation section
   a. Liking the restaurant should send its information to be displayed in the liked section.

US#3: As a user, I want to be able to set a custom max distance to decide how far I would go.

Sprint 3:

US#1: As a user I want my recommended restaurants to be catered to my cuisine preferences and location.

US#2: As someone who cares about their online security, I would like to have a private profile to use the website.

US#3: As someone who doesn't like repeating myself, I want my profile to save the information I input.

US#4: As a user, I want to have access to my saved information to check if I input correctly.

US#5: As a user, I would like my recommendations to evolve based on my likes/dislikes.

US#6: As a user who has already chosen some restaurant types based on my preferences, I want to see the history of restaurants I have liked.

Testing scenario:

1. Load up page, and press create account.
   a. Sign up with account
   b. Log out, and log back in
2. Select a location and preferences
3. Start liking and disliking recommendations

    a. Liked restaurants should increase likeliness of similar category restaurants to appear
    b. Liked restaurants should also be appearing in the liked restaurant section as they like them

Sprint 4:

US#1: As a user, I want to be able to browse restaurants within my chosen price range.
US#2: As a user I want to be able to receive accurate restaurant recommendations so I can choose where I want to eat.
US#3: As someone who doesn’t like repeating myself, I want my profile to save my preferences and location.
US#4: As a user who usually likes to search for the restaurant near me, I would like to have a function that automatically finds restaurants near my location
US#5: As a user, I would like to have an auto-fill function for the location search bar so that I won't need to type the whole location address all the time
US#6:As a user, I want to have a mini-map displayed on the screen so that I can see the liked restaurants around me.
US#7: As a user, I would like to see a formatted website so that I can visualize the overall website in one look and know the purpose of each function.

Testing scenario:

1. Create account / login
    a. This should be tested already
2. Start typing a location, and should be easier since it gives auto-fill recommendations
3. Then click the current location button to find your current location automatically.
4. Choose / type preferences.
5. Choose a suitable price range. Press submit
6. Restaurants should be like what is chosen.

Login

- Class: Login with existed account
    - Test case: User is able to type their email address/ password and it'll save the database into our local database
- Class: Create account
    - Test case: User is able to create an account by clicking 'Need an Account?' button

Location

- Class: Current location
    - Test case: User is able to double click the button that says 'current location', then it'll load your current location
- Class: Location search bar
    - Test case: User is able to search specific location with the location search bar, it'll also allow you to auto-fill the location

Preference

- Class: Preference search Bar
    - Test case: User is able to search specific food type if they're not looking for given preferences
- Class: Preference choose buttons
    - Test case: User is able to choose one of the give six buttons on this section which are the general, common food preferences defined by the team

Recommendation

- Class: Like/Dislike
    - Test case: if a restaurant is disliked the algorithm should show restaurants with other preferences, if a restaurant is liked you should see restaurants with similar preferences
- Class: Algorithm
    - Test case: If you pick 2 preferences, you can see the algorithm work by liking 2-3 restaurants with preference 1, then start disliking the restaurants with preference 1 and restaurants with preference 2 should start showing up eventually.
- Class: Liked Restaurants
    - Test case: like a restaurant and a restaurant with similar cuisine should pop up

  - Class: Recommendations
    - Test case: like/dislike all restaurants, should display a screen telling you there are no restaurants left

Liked Restaurants

- Class: Liked restaurants
  - Test case: It’ll allow a user to see the list of restaurants you like