

Router
CS411 Group 4
User Stories

1. Logging In

As an unauthenticated user, user will see a screen asking to “Continue with Twitter”, “Sign up” or “Login”.

If the user clicks the “Continue with Twitter” button, a pop up form will ask them to enter their user name and password for Twitter.

If user does not have a Twitter account, they can also click “Sign up” using their email. The user will see a form and enter their first name, last name, email address, and password. If their email has already been registered, the user will get an error message.

If the user already have an account, they can click on the “Login” button, then they will see a form to enter their email and password.

After the login is successful, the user will be directed to the home page of the application.

2. Create a trip

As an authenticated user, they can look up a restaurant by entering location(town name or zip code), and/or restaurant names and cuisine.

The default home screen will display a search bar with a “Search” button in the middle of the page so they can create a new food journal. A list of restaurants, with reviews and ratings from Yelp and photos from Instagram or Google Image, will be displayed if “Search” is clicked. They will select restaurant(s) that they might want to visit or have visited and the date they visited/ plan to visit the restaurant.

3. “Tripping” cart

As an authenticated user, they could click on the cart symbol on the top right of the page, where they will have options to edit the restaurants they added in the cart, so they can create a new trip or add restaurants to currently existing trip(s).

To create a new trip, a user would click on “Create a New Trip” button and a form will pop up where they will enters the trip’s name and time.

To add to existing trips, a user would click on “Add to Current” and select a trip. If there is no existing trip, “Create a New Trip” button will show up.

3. Journal

As an authenticated user, they can click “Current Trip”, “Completed Trips” or “Future Trips” on the header, so they can modify their trips.

If they click “Completed trip”, they will see a list of trips (e.g. “2018 Northeast Extravaganza”). Clicking on any of them will show a map of visited restaurants with their locations and visit dates.

If they click “Current trip”, they will see a map with all restaurants they have visited. They can also view the locations and dates in which they planned for the visits and modify the dates as needed. The user also has the option to click “Mark as Completed” to complete their food journal and the current trip will be moved to “Completed Trip”.

If they click “Future trip”, they will be able to view the map of restaurants they wish to visit for a future trip. Here, they can enter the dates that they plan to visit.

4. Favorites

When looking up for a new location, user will have an option to mark restaurants as favorites. In favorites page, they can view all favorites at once. We will make heart buttons, so user can control their favorites (add/ delete). User managements and preferences data, along with user favorites will be saved in the database.

5. Log Out

As an authenticated user, the user can log out if they click the logout button located in the menu at the top of the screen, then they will be logged out and redirected to a screen which says “Goodbye {first_name}!” and gives me the option to follow the login user story again.

APIS:

1. **Twitter API** : <https://dev.twitter.com/>
2. **Database : MongoDB** <https://www.mongodb.com/>
3. **Feeds from different Sites:** <https://www.programmableweb.com/api/feedzilla>
<http://code.google.com/p/feedzilla-api/wiki/RestApi>
4. **Yelp API:** <https://yelp.github.io>
5. **Google Maps API :**<https://developers.google.com/maps/documentation>
6. **Google Search (Image) API:**
<https://developers.google.com/custom-search/json-api/v1/overview>
7. **Instagram API:** <https://www.instagram.com/developer/>