

CS411 Fall 17 – Project User Stories

- As a user, I want to input dietary restrictions, price, and other preferences so I can personalize my meal choices. If the request doesn't match any outputs or no restaurants can meet those criterion, the app will display *"There are no restaurants that match your preferences"*. If everything runs smoothly, the user will get back a list of restaurants that match their preferences personally, displaying information such as price, distance, type, etc, of each restaurant.
- As a user, I want to see a map that includes my location and the location of top restaurants that fit my preferences, so that I have a sense of location and distance of different choices. If the location is unknown, or the app cannot understand the location, it will tell the user which restaurants aren't appearing in the map. The user is able to filter by distance, and can zoom in or out the map to view the restaurants better. For each restaurant that's on the map, it'll have a small pinpoint that shows the current distance to user's location.
- As a user, I want a restaurant recommendation because I am too indecisive about making restaurant choices. The website will generate the best choice with the available information about user. On the main page of the website after logging in through Facebook account, the user will press a button to be given a restaurant. Our website will consult Yelp to suggest the most appropriate restaurants based on user's profile and filters (refer to filter user story for more information); the website will display images and key information of the suggested restaurant with 2 buttons below: one 'Deny' where a new restaurant recommendation will be given, and one 'Accept' where user will be allowed to share the restaurant via their connected Facebook account. Information regarding whether user accepts or denies restaurant suggestion will be kept to help give future users more accurate suggestions. Users without a Facebook account will be unable to use the website since the user profile is created based on Facebook information
- As a user, I want to go to the restaurants that everyone else my age is going to. Information from my Facebook account will automatically get stored in the application, along with everyone else's information. When I ask for a restaurant by clicking *"What do similar people like?"*, the application will search for users who have similar backgrounds to me, check where they've gone, and pick the most popular choice and suggest it back to me.