Capstone 1 Proposal - App to find date locations (dateMeet)

1. What goal will this website be designed to achieve?

This website will be designed to allow users to locate local businesses and activities based on their interests. It is geared towards finding cool local spots and activities to do for a date, be it romantic, professional or otherwise.

1. What is the demographic of my users?

The demographics of my users include college students, people in romantic relationships, people in professional relationships, friends looking for fun activities in their location, people looking for local events to attend, people looking for free Wi-Fi spots etc.

1. What data are you planning to use?

For this website, the plan is to use the Yelp API. This API should help me search for places people can go to perform an activity based on their entered interest and location.

1. A brief outline of my approach to creating this project:
2. What does the database schema look like?

I am not fully certain on my database schema as of yet, but I imagine it will have such tables as:

Users - columns will include first name, last name, email, profile image, created\_on, location etc. With relationships including posts, businesses and reviews.

Business - columns will be business name, business address, store capacity, is\_Free\_Wifi, phone number, close time, open time etc.

Posts - columns will be post title, user id, business id, post content, images etc.

Tags - column will include business\_id, user\_id and post\_id

Reviews - columns will include review title, review rating, user\_id, business id etc.

1. What kind of issues might you run into with your API?

With this API I most likely will run into problems obtaining live data about businesses such as capacity and stuff like that.

1. Is there any sensitive information you’ll need to secure?

I think the only sensitive information that will need to be secured would be the user’s password which will be cryptographically hashed using bcrypt.

1. What functionalities will your app include?

Aside from being able to search locations based on their interests and activities I’d like to implement the following features:

I.

Allowing users to create a post on the cool spot they just found, leaving pictures of the place and tagging these businesses in the posts.

II.

Allowing users to see other posts about businesses from other users.

III.

Allowing users to leave detailed reviews on their experience at a particular location and sending this through to the business so they can receive feedback.

1. What will the user flow look like?

I imagine the user flow being very similar to that of Yelp, on the home directory, I will allow users to be able to enter their interests and location and once this request goes through it should show all locations in the entered city that serves their interest. In the home directory also, users will also be able to see latest reviews and posts. There will be signup and login buttons on the top right of the nav bar and users will have to log in to be able to leave a review on a particular business or create a post. Once the user logs in they would be able to see a history of their searches, their most recent posts and most recent reviews.

1. What features make your site CRUD, any stretch goals?

Create - The users are allowed to create accounts, posts and reviews

Read - The users will be allowed to read information on businesses, posts and reviews from other users

Update - The users will be allowed to update their profile, posts, reviews etc.

Delete - The users will be allowed to delete their account, posts and reviews

In regard to stretch goals I think trying to make the app basically more of an interactive advertisement platform for businesses where users can book appointments, see capacity levels, see COVID rules and implementation, view the menu etc. are really the only stretch goals of this app.