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ITP 303

Final Project Proposal

Topic

The website I am thinking about creating is somewhat related to my longing to travel. It is a website where users can create their own points of interest, giving a brief description of why the place is worth a visit. These points are published for all the users to view. Then, users can “bookmark” these places so that they can keep track of places they would like to visit someday.

Audience

The intended audience for this web application is anyone who enjoys travelling and wants to keep track of all the places they would like to visit eventually.

Design and Style

Since this website is essentially about travelling and vacationing, I think I would like to use generally bright color schemes with a lot of white and light blue similar to what website like TripAdvisor has (https://www.tripadvisor.com/). In terms of design, I do like the minimalistic style design as seen on the homepage of Apple Store with borderless section division (https://www.apple.com/). Lastly, I want to implement endless scrolling similar to what Tumblr has implemented to display potentially huge amount of dataset (<https://www.tumblr.com/explore/trending>).

Scope

Currently I am thinking about having about 6 different pages. The first page is “main” / “bookmarked” page. I am thinking about have a main page that displays all the Points-of-Interest either from the database or the API call to Google Places. Simultaneously I want to integrate “bookmarked” section within the page for logged in users that display all the places that they have bookmarked.

Then I want to have a “details” page for each of the Point-of-Interest entries displaying information such as its location and short description of the place. Within the details page, I will have buttons to bookmark and update or delete if the logged in user viewing the entry is the author of the Point-of-Interest. Navigating from the details page, I will have a “edit” page where the author of the place can edit the POI information.

The bulk of the work I believe will be spent on the “add” page where a logged in user can add a POI of his or her own. This would be done by using Google Maps and Places API. The user would be able to search a place or put a marker down on the map and fill out the information to add the place.

I will also have a filter page or a tab where the user can filter specific POIs according to its name, city, or type.

Lastly, I will create a “myPOI” page for a logged in user to easily manage the POIs that they have created.

Database

Most of the data stored on the DB will the information regarding different places such as location and type (restaurant, bar, recreation, etc.). It will also contain user information and different users’ bookmarked POIs.

I am still debating if I should store all major POIs in the database or if I should store only the user created ones, but I think I will import list of major cities to populate the city field.

