Project 1 Plan

Mobile Application Development
ATLS 5120
Brittany Ann Kos
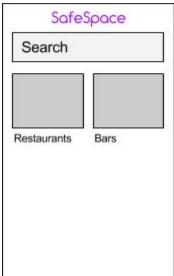
SafeSpace

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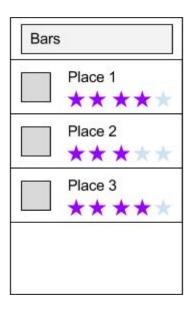
SafeSpace

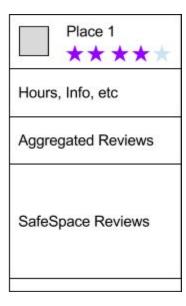These are possible app logos.

Description

This app will designate "safe spaces" in a city. This app will be targeted towards traditionally marginalized people, such as queer people, people of color, or people with disabilities. I would like to app to be similar to Yelp or a review app where people can rate spaces, depending on whether or not they felt safe in the space. I would like to build the app with an already existing API (such as Yelp), so there is an external review component, but my app provides the SafeSpace review also.

People will be able to search for a type of place (such as coffee shop, or restaurant) or a specific place. Only places with a SafeSpace review of 3 or higher will show in the search results. The user can click on a place and read more about it. I want to put an aggregated list of other reviews from other places too. The place will have 2 reviews, 1 review for how safe the space is another review for the quality of the space. Users will be able to post reviews as well, detailing their experiences in the place.

Design

App Flow

Here are the features that I will implement, in-order

1. Implement some sort of search. I would like to use Google Maps for this, so if I port to Android, the maps will be the same. The user will be able to search for a keyword (such as "restaurant" or "bar") and see the top 20 places within a radius of the user.
2. Add the map view. The map show these search results as pins on a map.
3. Add the list view. The user will have the choice of displaying their search results on a map or in list view form.
4. Add the place detail view. When the user clicks on a place from the map or list view, they will be taken to a detail view page, where they can see the details about the place.
5. Add the add review page. This will be a place where a user can enter a rating and review for the place.