**Where@**

**Team 32 - Product Backlog**

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**Problem Statement**

Where@ is a travel guide for tourists looking for a unique local experience such as attractions, restaurants, and transportation. Some of the major problems that tourists face are not being able to view all information about and around a place of interest. Where@ will be an aggregation of different services to provide a more convenient way to go about their destination/location. Furthermore this structure will help small businesses to advertise to a larger customer base.

**Background Information**

**Audience:**

* Tourists with an interest in local experiences as well as local small business owners looking to reach a wider audience.

**Other Platforms / Limitations:**

* Other platforms only show tourist traps / famous landmarks. Our application will focus on hidden gems and lesser known attractions.
* Yelp; reviews of mostly restaurants and businesses
* Google Maps; Primarily used for transportation and directions
* Trip Advisor; only shows very popular and already well known destination

We overcome these limitations by providing reviews for more than just restaurants

We combine the strengths of our competing platforms to make one super platform.

Our application will show lesser known attractions and destinations that these larger companies do not.

**Requirements**

* *Customers are users who have created accounts*
* *@s are locations/services*

**Functional**

*As a user without an account I would like to:*

1. Browse @’s
2. Radius/Pin search
3. View pictures of specific @’s
4. Filter @’s by tag
5. Get directions to @’s
6. Be able to create an account.
7. View transportation schedule
8. View reviews
9. View votes
10. View the popular section about the @’s (determined by votes).
11. Donate money to the development of the @.
12. Donate money to the app developers.
13. Be able to use my location to view @s

*As a customer I would like to:*

1. Create an @.
2. Add pictures to an @.
3. Leave a review / comment for an @.
4. Adding a tag for an @.
5. Vote on an @.
6. Vote on places at an @.
7. Vote on reviews.
8. Update an @.
9. Be able to report spam to an administrator.
10. Save an @.
11. Contact support.
12. invite friends to the app.
13. Receive notification on special information.
14. Have the same functionality as a user with an account
15. get rewards.
16. Can manage personal information.
17. Can change passw

*As an administrator, I would like to:*

1. Ban/delete customer accounts.
2. Ban spam/inappropriate reviews.
3. Delete spam locations.
4. Have the same functionality as a user and customer.

*If time permits:*

1. Allow customers to send messages.

**Non-Functional**

1. The application will be compatible with web browsers.
2. The application will be compatible with mobile browsers.
3. Must be able to integrate Google API
4. Must be able to connect to a noSQL MongoDB
5. Must be able to connect to Firebase (Amazon Web services server) as a server solution.
6. Must be able to integrate Flickr API
7. Must be able to integrate with dropzone javascript API.
8. Must be able to download photos from the Flickr database and upload it to our database.
9. The application will using a hashing algorithms to protect passwords, and maybe messages.
10. Will have fast response time by using Vue JS as a front end framework because of it having a lightweight virtual DOM.
11. Will be using Node JS as server framework because it provides non blocking IO and handles requests in an asynchronous manner. This makes the framework faster in performance, thus increasing the efficiency of the app.
12. Must be able to secure user’s personal information