

1. [F]. **(Primary)** They want to be able to see the data put on an actual map in an easy, simple way. (BC)
  - a. [E] As a user, I want to be able to view data about pubs/bars so I can choose which ones to go to.
    - i. [U] As a user, I want the data about the pubs to be shown in an easy to read way, so I don't have to search for more info about it.
      1. [D] The user will navigate to an easily readable web page, with a search bar, listview of results, and the option to view the pubs information in a separate page. The search bar will update the list dynamically using AJAX to populate the list view. The list view will show the name of the pub. Clicking on the pub will update a secondary view with the pubs general information.
    - ii. [U] As an administrator, I want the pub info to come in and be stored in a simple way, so that I have easy access.
      1. [D] We are going to try to store as much information as possible locally so that we don't have to use a large number of our limited queries doing this. We want to create a table to store this data, so we can return it and easily display and mold the data to fit our design needs. To do this, we are going to have to have extensive knowledge about how the data is being received, as well as an ability to store this data in a table.
    - iii.[U] As a user, I want to be able to see each pub in a list view, so I can choose ones that look interesting.
      1. [D]All the pub data is in our database. We are going to create a table on the page, then put the pubs data into the table using the form of a list. And they come with a short description that the user can see at a glance. We will use the first letter sorting by default, but users can sort them in various ways. They can all be tagged so that users don't miss any pub they might be interested in.
    - iiii.[U] As a user, I want a map view of all pubs, so I can choose them in that way.
      1. [D] The data about the pubs will be stored inside of our database with a latitude and longitude and maybe an address. We want to be able to input that data into a map view, and have pointers to the locations on the map. We would input the data into GoogleMaps and display the addresses on there. This would allow the user to visually see the proximity between the pubs that they are thinking of adding to the route. We believe that this would

make the user experience easier, and more entertaining, as they wouldn't just be looking at a list of words. They would have some sort of visual to make it interesting.

iiii.[U] As a user, I want to be able to save pubs I am interested in for later, so I can come back to view them.

1. [D] When I think about how this app will run, I see myself scrolling through pubs and breweries, and thinking of potential routes. But without a system in place to save potential ones for later, it would be very easy to lose track of ones you like, or maybe even forget about them all together. We want to add a 'favorite' feature that allows for saving potential places in one place, to be viewed later on. We believe that this would make people come back for more after they use the app once. They could incorporate the saved places into new routes. Even if they aren't planning on using the route for a while, they could browse the site for a long time and create a 'dream trip' for later use. We feel this would lead to increased traffic on our site. Think of this like a Wish List for a shopping app. Sure, you can go on and add those \$300 pair of shoes, but you're probably not going to purchase them immediately.
- b. [E] As a user, I want to be able to sort pubs by location, so I can plan my route accordingly.
- c. [E] As a user, I want to be able to click on each pub and have a personalized page come up, so I can read more info about it.
- d. [E] As a user, I do not want to have to wait a long time for the map to fill out, so that I can look at the pubs faster.
- e. [E] As a user, I want to have we documented directions for the app, so I can use it with no problems.
- f. [E] As a user, I want my data to be stored in the database, so it can access it faster.