**Description:**

The Washington Craft Beer site will be your one-stop web portal for information about Washington beer sellers. It will have all the latest information about breweries, taprooms and bottle shops using a Beer Mapping API and local empirical research. Users will be able to obtain basic information about a brewery or event, such as location and links to web sites, Facebook and Twitter feeds. Features will include finding nearby breweries and searching by brewery name or city.

**Dependencies:**

* React
* React-Routing
* React-Rating
* Beer Mapping API (http://beermapping.com)

**Wireframes:**

We used Microsoft PowerPoint to generate wireframe equivalent diagrams; see the included file “Washington Craft Beer Portal.pptx”.

**Tasks**:

1. Generate initial idea: Washington Craft Beer project with React UI using a Beer API.
2. Select an appropriate Beer API from available options; obtain API key.
3. Create a GitHub repository to use as a starting point and for collaboration.
4. Design visual layout, generate wireframes (used PowerPoint instead).
5. Run create-react-app to initialize Craft Beer UI.
6. Generate Washington Craft Beer UI code.
7. Integrate calls to Beer Mapping API and possibly other API keys.
8. Build microservice to insert Beer Mapping API key and address CORS issues.
9. Merge Beer Mapping API JSON data with any other ad-hoc JSON data sources.
10. Write code to store API JSON data in React component state.
11. Write component test code and execute tests.
12. Refactor and polish code and retest.

**Plan**:

Quality collaboration will be key to successfully implementing this project. With limited time, meeting on an almost daily basis to complete the work has been required, along with an equitable breakdown of tasks and a review and discussion of each other’s work so the end product looks consistent and polished.

The plan was to breakdown the tasks accordingly:

Craig – Tasks 1, 4, 5, 6, 11, 12

Don – Tasks 1, 2, 3, 5, 6, 7, 8, 9, 10

The plan also includes additional work after the presentation Monday night and before the Friday deadline to polish the UI and code and add/complete any functionality as needed.