

CU Fueling Station Web Portal Project Plan

Team 0x1 - No. 014-1

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1 - Feature List

1.1 - View Historical Check-In Data Visually

Staff will be able to control the date range that they want to view data for. Additionally they will be able to make graphs for metrics such as daily check ins per sport, time of check in, meal attendance. (Pulls data from Postgres).

1.2 - Write Notes for Teams.

Staff will be able to write nutritional advice notes for specific teams in the form of nutrition notes that will be accessible on athlete's devices. (Stored in Firebase)

-Replaces Fueling Nutrition Link app

1.3 - Menu Creation

Staff will be able to write a weekly menu for the served meals that can be accessed by athletes as a web page. Additionally, menu entries will be saved for athletes and staff to look back on and connect it with data. (Menu items (other than the web page itself) will be stored in firebase)

-Replaces current menu format:

https://docs.google.com/presentation/d/1gQ6YbMiw2jn5j3W1-6clflg7nQxeiS6cmIEf_XS5VrM/present?slide=id.p

1.4 - Export and Graph Data

Graphs and data of check-ins will be able to be exported in common file formats such as CSV and PDF files. (Pulls data from Postgres). Graphs will be made using [???

1.5 - Live Check-In Data

Staff will be able to see a live updating page of check in statistics from the past day. (Check-ins are stored in firebase until they are over a day old).

-Identical functionality to Fueling Station Admin App.

2 - Project Plan

2.1 - Feature Implementation Process

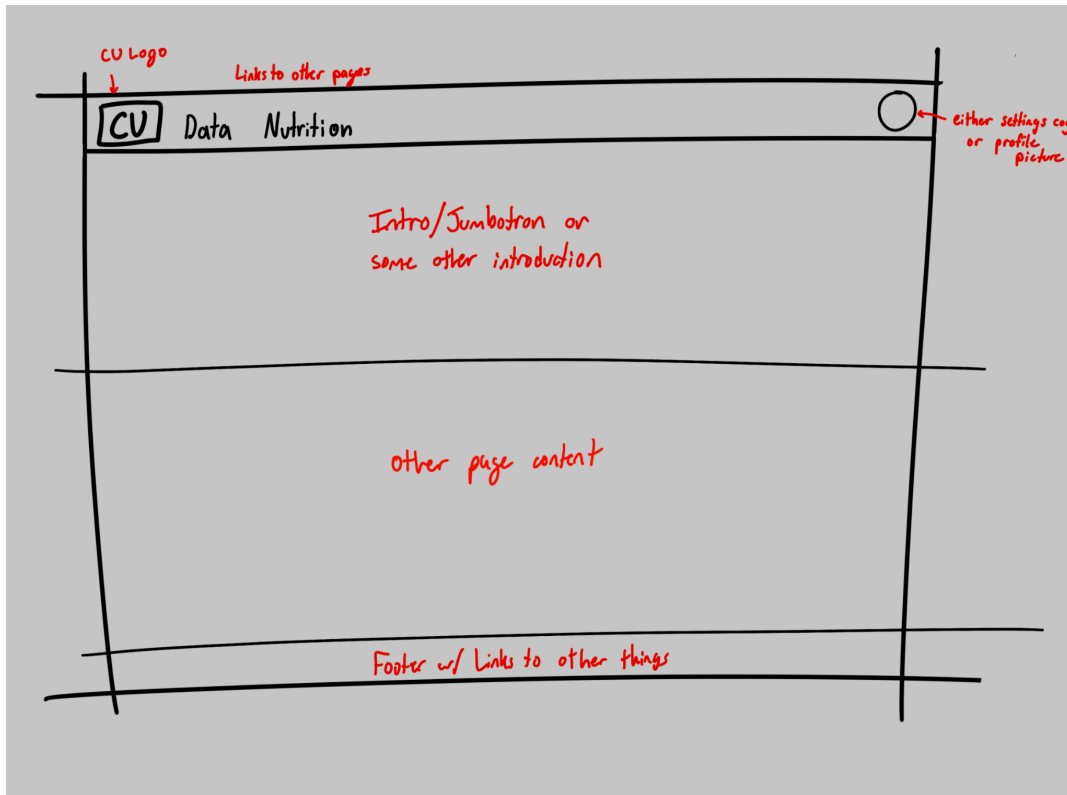
1. **Mockup**
2. **Rough Design**
3. **Code**
4. **Good Design**
5. **Test and Reiterate**

2.2 - Development Plan

1. Setup postgres - **Done**
2. Create bridge between existing Firebase Database and Postgres - **Done**
3. Start work on layout of website
 - a. Create all pages required and the elements in them
 - b. General form of how things are laid out, doesn't need to be functional just yet
4. Begin backend and node development
 - a. Get Postgres/Firebase talking with Node (could be just reading data for now)
 - b. Get data to display to website
5. Start work on historical check in data
 - a. Be able to export data pulled from database to CSV format (maybe more formats in future)
 - b. Be able to view graphs of data (another JS library?)
6. Start work on nutrition notes.
 - a. Allow staff to select a sport.
 - b. Fetch and update nutrition notes for teams.
7. Create an authentication system.
-If possible use CU Identikey
8. Start work on menu creator.
9. Start work on live check in viewer.

3 - Wireframes and Design

3.1 - Initial UI Sketch



3.2 - Figma UI Wireframe

Link to figma prototype(working UI):

<https://www.figma.com/proto/Te8UVanaCDBhgorXPQO5JQ/CU-Fueling-Station-Web-Portal?node-id=2%3A2&scaling=min-zoom&page-id=0%3A1&starting-point-node-id=2%3A2>

4 - Individual Contributions

[Tyler's Latest Commit](#)

[John's Latest Commit](#)

[Jake's commit \(To Bridge Repo. I lost access to the team repo\).](#) Please email me for access.

Jake's contributions so far:

- Feature requirements.
- Setup a postgres DB
- Created the Firebase to Postgres Bridge.
- [-Original data diagram](#)