

# Famished Buffs

- **Who:**

Peter Gutenko  
Seth Hovestol  
Paige Johnson  
Alex Okeson

- **Title:**

Famished Buffs

- **Description:**

This will be a nice UI to access the hours and menus of the dining centers around campus.

- **Vision statement:**

Give students the power to choose where the best food is on campus in an easy, visually pleasing manner.

- **Motivation:**

As regular users of the dining centers around campus we often would like to know where are the best places to eat. Unfortunately the school's way of displaying this is rather disappointing and confusing.

- **Risks:**

- The C4C keeps their menu in a pdf and pdfs are notoriously hard to parse
- We are not very experienced in web development
  - We may need a server to host the site
  - We'd need to set up some scripting to auto-update

- **Mitigation strategy**

- Menus will be a secondary option, primarily we would like to display when each section is open for the day.
- The PDF is auto generated so perhaps we can find the source and directly tap that.
- Original deployment on ELRA servers

- **VCS:**

Github: <https://github.com/aokeson/3308Project>

• List of requirements:

| User Requirements |  |              |
|-------------------|--|--------------|
| ID                | Description  | Agile Sizing |
| US-1              | As a user, I need to know what is being served right now, so I can go where my favorite foods are.                           | 20           |
| US-2              | As a user, I need to know what is being served in the future so I can choose which dining center to go to.                   | 20           |
| US-3              | As a user, I need to know what dining center is open so I don't waste my time.   | 3            |
| US-4              | As a user, I need to not be confused with extraneous options presented so that the product is better than the CU alternative | 8            |
| US-5              | As a user, I would like to access the information on all of my devices.  | 5            |

| Functional Requirements |  |              |
|-------------------------|--|--------------|
| ID                      | Description  | Agile Sizing |
| Fun-1                   | Site needs to load within 5 seconds                    | 5            |
| Fun-2                   | Site needs to load time dependant data from a Database | 2            |
| Fun-3                   | Site needs dynamic content loading                     | 3            |

| Non-Functional Requirements |  |              |
|-----------------------------|--|--------------|
| ID                          | Description  | Agile Sizing |
| NF-1                        | As a developer, I need to find a location to host the website so that our work can be seen.  | 3            |
| NF-2                        | As a developer, I need to automate data gathering so that the site can be sustainable without effort from the team.                  | 13           |
| NF-3                        | As a coder, I need to make an educated decision about using PHP or javascript for the site, so that I can start working on the site. | 8            |

|      |   |   |
|------|---|---|
| NF-4 | As a coder, I need to learn the programming language we choose to use | 3 |
| NF-5 | As a coder, I need to know CSS so I can help with the display.        | 3 |

- **Methodology:**

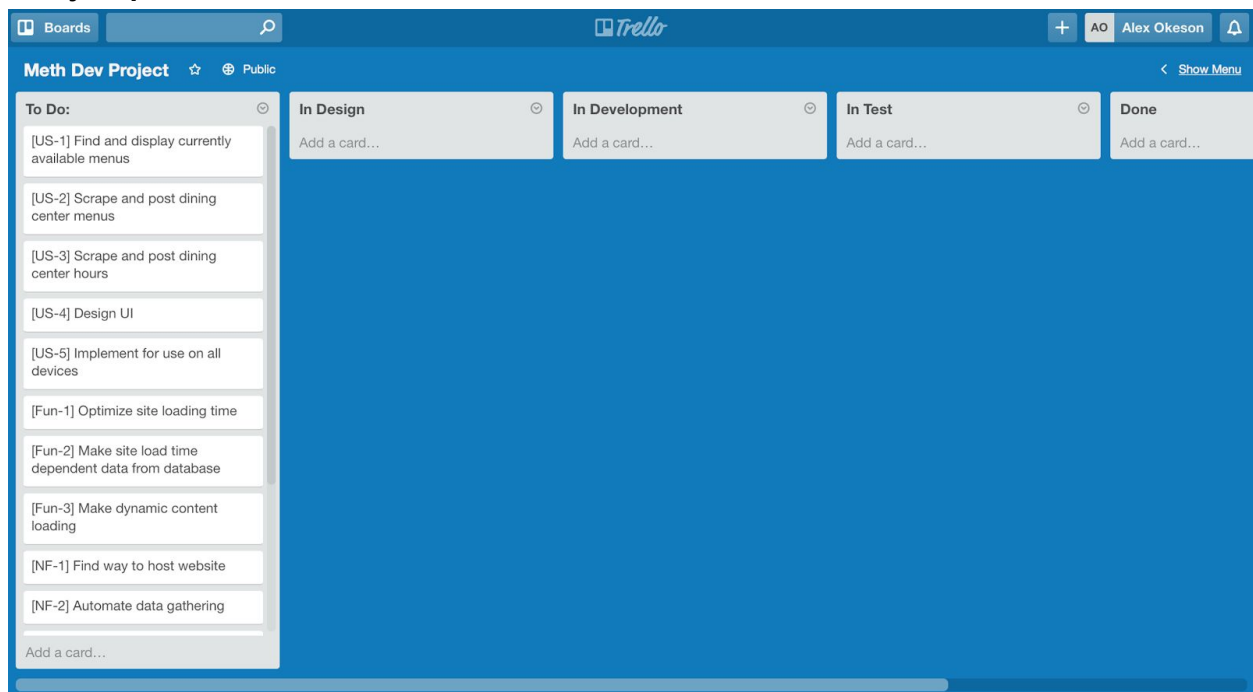
Agile, get a working demo released after every sprint with bug fixes and extra features added.

- **Project Tracking software:**

We will be using Trello to track our project. Our board is public so Prof Boese and our TAs can look at our progress. The link is below.

<https://trello.com/b/ba4rSm4r>

- **Project plan:**



- **Extra Credit:**

### Market Analysis:

#### Target Market

The only market for our product is students at CU boulder who have meal plans.

This segment is approximately 10,000 students.

It is steadily sized with small growth but it is utterly tied to the University.

The students are savvy with tech, and used to the smoother, uncluttered formats of major websites.

### Profile of Competitors

Since we are only offering a facade over what the university reports we only compete with their site, and it is outdated and cluttered.

They have no incentive to compete with our product, but their success would be helped by our product so they may want to support it.

### Competitive Advantage

As active users of the dining centers around campus we would be part of the target market.

Since the product isn't for sale, but simply is on display we need to make it more convenient than the CU website. If we simply aggregate all the data in the same place it will be better than theirs, but with a well designed UI we could be orders of magnitude better.