

Buff Life App

Jesse Bird
Daniel Yedidovich
Josh Jenkins
Kyle Knight

Description: An Android app that links relevant information for CU students including the dining hall menus, CU alerts, BuffBus schedules, etc.

Vision Statement: A comprehensive app for the average Buff. Links access to dining hall menus, their class schedules, BuffBus schedule, and more all in one place.

Motivation: It is something that is relevant to us. It is something that will help us in our day-to-day lives.

Risks:

- We do not have app-developing experience
- We are not highly knowledgeable in Java programming
- Access to MyCUInfo may be inaccessible or highly difficult
- Making the app secure
- Making the app easy to use with a high amount of features

Mitigation: We will use Agile development process and work immediately in the new environment to learn quickly and rapidly create prototypes. As well we will contact outside groups to gain access to services that may not be at our disposal.

VCS: We are using GitHub. <https://github.com/birdman7010/BufLifeApp>

User Requirements		
ID	Description	Agile Sizing
UR-01	As a user, I want to access the campus map.	5
UR-02	As a user, I want to access my class schedule automatically from MyCUInfo	8
UR-03	As a user, I want to be able to see the dining hall menus.	5
UR-04	As a user, I want to be able to see the BuffBus Schedule.	5

Developer Requirements		
ID	Description	Agile Sizing
DR-01	As a developer, I want to access students' MyCUInfo accounts.	8
DR-02	As a developer, I want to be able to easy port the app to a different OS.	8
DR-03	As a developer, I want to be able to scrap the dining hall information.	3
DR-04	As a developer, I want to access the Google Map API (for the campus map).	3

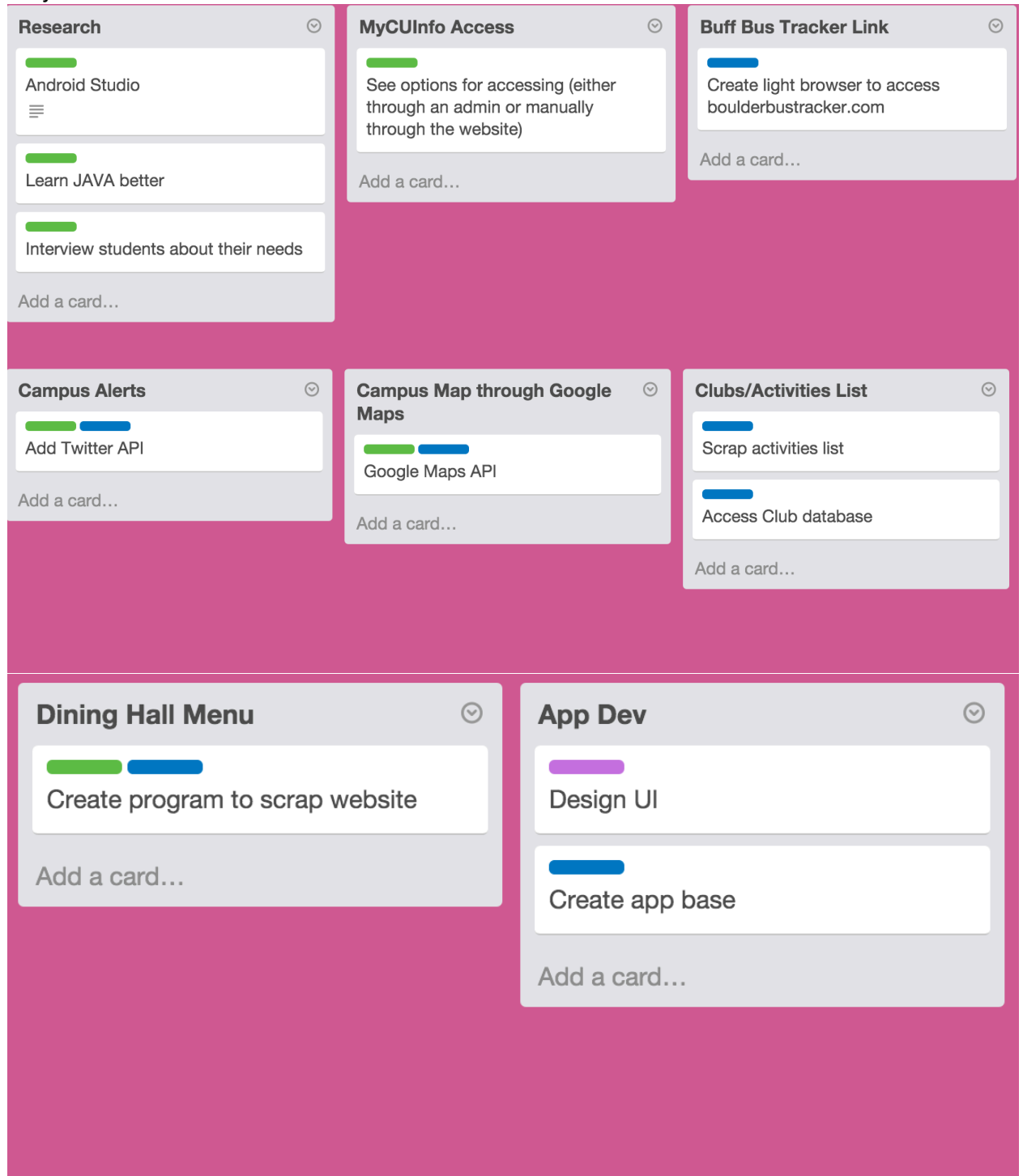
Non-Functional Requirements		
ID	Description	Agile Sizing
NFR-01	As a developer, I do not want to spend money.	1
NFR-02	As a developer, I do not want to use a ton of API.	3
NFR-03	As a developer, I want the program to be well documented.	3
NFR-04	As a developer, I want the app to be expandable.	3

Methodology: We will be using Agile.

Project tracking software: We will be using Trello:

<https://trello.com/b/s9JNdOVZ/project-road-map>

Project Plan:



Market Analysis:

Target Market:

- The size of the potential market would be the size of CU students and faculty.
- This market stays relatively the same size, as as students leave they are replaced by the new class.
- They're students access to their information.

Profile of Competitors:

- Currently the only potential competitor is the MyCUInfo App
- The only advantage is that it exists, otherwise it is slow, unwieldy, and difficult to use.

Competitive Advantage:

- We combine information that currently are all located on separated services (mostly on websites on separate domains).
- Our app will be a free download that may potentially contain ads.
- Overall we are creating features that simply do not exist together in any other form.