Code and Fix Application

Ryan Dockstader, CS 412

# Plan

## Meetings

### Weekly Check In

This will be a meeting that will include all software engineers, and the owner. This will go over the progress made this week towards the application. It will also highlight any problems that have been found in testing, and give a good indication where we should be headed next week

### UX Monthly Check in

This meeting will happen once monthly and will include the owner, the UX designers and the Software Engineering team leads. It will be to review the user experience and highlight any design choices made that deviate from the original design, and why they were made. The UX will then be able to approve these deviations

### Monthly Office Check in

This will include everyone in the office, including optionally the custodian (I wouldn’t want to make her come in if she didn’t want to since she works nights). This will be lead by the owner, and will review the progress that has been made on the application

### 1 on 1’s

This will be a meeting between each individual, and their direct supervisor. This should happen at least monthly, but every other week is preferred. It should go over any wins and loses, and be a general coaching session.

### Team Lead Brain Trust

This will be a meeting that happens monthly amongs the team leads and the owner. It will be to review the major wins and loses found in the 1 on 1’s, and a place ot bring up anyone that might need some additional help.

## Documents

### Requirements Document

This document will outline the requirements of the system. It will be the agreed upon requirements between the company and the client. It will be authored by the owner and the software engineering leads.

### UX Document

This will be a mock up of any UI elements, and include the general user experience guidelines the Software Engineers should be following

### Building Maintenance Schedule

This will include all the maintenance and cleaning tasks that need to happen in the building to keep things running smoothly. It will be authored by Chrissy and approved by the owner.

### Master Text Copy

This will include all the text that will be included in the copywriting process. It will be the place that the software engineers are able to get any copy the need. The Technical Writer will be the author of this document.

## Roles

Outside of the listed roles, There are a few that I think need to be added:

### Development Team Leads 1 & 2 & 3

The software engineers should be broken into three teams to more easily manage them. The team leads will be Abe, Britany, and Emily. The qualifications are you must be detail oriented, be able to help others in their development tasks, and not shy away from a problem. This will add a few additional responsibilities to the standard software engineers. They will need to conduct 1 on 1 meetings with the members of their teams, as well as with the owner of the company.

## Checkpoints

1. Application Framework is build for communication between the two software packages
2. Section forecasting based on registered students, and what their grad planner is predicting
3. Auto-Register feature enabled
4. Completion of Project
5. Client Acceptance

# Reflection

I think that this will work pretty good for the application that we are looking at, although I did deviate a bit from the code and fix methodology. I think it’s a pretty challenging thing to come up with a way to truly implement code and fix with even a small team.

# Rubric

Accuracy – 40pts

Application – 30pts

Reflection – 20pts

Professionalism – 10pts

Total: 100