Individual Plan

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Abstract

This is my mission statement for the portion of the project that is assigned to me. I as the team leader and coding lead will make sure to delegate tasks according to my team members' skill-set and to make sure that code is accurately incorporated according to our requirements. Because of my personal skill-set, I will code the interface between our front-end Android client and our back-end Java server that hosts on Amazon Web Services.

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1 Outline of Team Process

The team will go through weekly Scrum meetings to make sure that everyone has tasks delegated. I as team leader will make sure that the tasks are delegated to the team member - including myself - that can accomplish them in the most efficient way. If any team member wants a specific task delegated to them that might be challenging as a way to learn then it will be delegated but I will focus on making sure it is completed in time.

As the coding lead, I will also make sure that all of the code is up to standard - legible and tested - by the time that sprints end. I will also make sure that there are no discrepancies within codebases in the separate branches of the repository.

2 Role in the Process - Responsibilities

I will act as the team leader as chosen by the team as well as the coding lead. This means that it lays on me the responsibility of making sure that the team is doing their jobs and that the code is well done. I will also make contributions on par with the rest of the team to the overall project.

3 Special Interests and Capabilities

I am interested in learning more about mobile programming since I have no previous knowledge of the code that goes into Android in particular because I have never worked with it. I would like some of the front-end along with Sean McMillon since he's our software engineer and head of the view. I have previously worked as coding lead and leader to the members on my team so I consider that it qualifies me to take that role.

4 Existing Deficiencies and how to Overcome them

My biggest deficiency in this project will come from me not having worked with Android and Android studio, but I will adapt faster because my skillset with Java is comprehensive and we do not plan on using Kotlin for the development. I will work on learning the library that is used to interact with Android. But my main focus on this project will be on interfacing the client with the server and database.

5 Participation in Communication and Planning

5.1 Communication:

We have agreed to use Discord as our primary method of communication and we will also coordinate in-person meetings every week to make use of pair programming and of the Scrum process. We will be using GitHub for our online repository to manage version control. As well as Google Docs for our document sharing.

5.2 Planning:

I plan to contribute to the project every week of the sprint. In the sense that progress will continue to happen every week regardless of personal or technological issues. If major health issues occur unexpectedly then I will assure you to delegate my tasks through my team members with the ideas that I had for working on the features that were mine to complete. Regardless of an unexpected issue or in the chance that my personal computer cannot be used, I will commit to going to the computer lab at the HMCSE.

6 Specific Contribution Anticipation

My greatest contribution will be on developing the interface between what could be considered the back-end and the front-end. In the sense that I will work closely with my teammates to link those two structures together so that they may form a cohesive unit. My previous knowledge leads me to consider that a great part of my contribution will also go to the front-end but that a big part will also go to the server code.