**When and Where**

**Date:** January 16th, 2020

**Time:** 7:15 – 8:15 p.m.

**Room:** GH 250

**Role**

**Primary Facilitator:** Johnny

**Minute Taker:** McKenzie

**Attending Team:** Jose, Le, Austin, Spencer

1. **Reporting Items** 
   1. Overview of Project 1 and its requirements
2. **Discussion Issues**
   1. Which type of software are we choosing for our project?
   2. What role each person is?
   3. How are we going to communicate with each other?
3. **Wrap Up/Decisions** 
   1. We decided on a web-based software.
   2. Johnny is our Team Leader, McKenzie is the Project Manager, Jose is the Version Control Manager, Spencer is the Build Manager, Austin is the Configuration Manager, and Le is the Tester. We also decided that we will all help with developing or testing when needed.
   3. We plan on using Discord for communicating, planning, and meeting. We are also using GitHub for sharing documents needed for this project with each other.

**When and Where**

**Date:** January 23th, 2020

**Time:** 7:15-8:15 p.m.

**Room:** GH 250

**Role**

**Primary Facilitator:** Johnny

**Minute Taker:** McKenzie

**Attending Team:** Jose, Le, Austin, Spencer

1. **Reporting Items**
   1. Each member reported their individual skills
   2. Starting the outline for our proposal
2. **Discussion Issues**
   1. What is the purpose of our program?
   2. Which text stack are we going to use?
   3. Which coding language are we going to use?
   4. What are we going to use for testing our program?
   5. To use the Google API, Google Lens?
3. **Wrap Up/Decisions** 
   1. Our program is a web-based warehouse inventory-type software. It will be used to track the incoming and outgoing products within a company. There is also a part where the program will output a table of the products to see which products are selling versus the products that are not for each location. The program will be very helpful for companies since it is web-based which will allow the company to see the inventory across their warehouses.
   2. Still some discussion on this by the end of the meeting.
   3. It seems like we are going with a C# and ASP.NET coding language for the backend. There is still debate for the frontend.
   4. There was a lot of discussion on using Postman in order to test the API calls.
   5. The main program is the priority. However, the Google Lens API would be a cool feature to add once the program is up and working.

**When and Where**

**Date:** February 6th, 2020

**Time:** 6:15-8:15 p.m.

**Room:** Discord

**Role**

**Primary Facilitator:** Johnny

**Minute Taker:** McKenzie

**Attending Team:** Jose, Le, Austin, Spencer

1. **Reporting Items**
   1. Frontend Team is Jose, Le, and McKenzie. Backend team is Johnny, Austin, and Spencer.
   2. Splitting up the backend team and frontend team for each job
      1. For backend:
         1. Taking input from the frontend and decompressing it
         2. Taking the information and determining what needs to be done
         3. Updating the storage media
      2. For frontend:
         1. Make the design on frontend/creating the form for input
            1. Having a form with an OK button to save the inputted data and a Submit button as the final submission that sends the saved data to the backend in batches instead of individually
         2. Gather information that is inputted and sending to the backend
            1. JSON form in being used in order to send in batches instead of one-by-one
         3. Developing an analytical table for outputting products that are going in and out from the warehouse
   3. Setting up the scaffolding for the API on GitHub
2. **Discussion Issues**
   1. What is our final decision about the coding language for frontend and backend?
   2. Who is the development leader for the frontend team and who is the development leader for the backend team?
   3. What is intended layout for the frontend form?
   4. What are the team’s thoughts about implementing a login to the system?
   5. Where are we storing the database?
3. **Wrap-Up/Decisions**
   1. We are using JSON to send the data from frontend to backend. Angular is what we are using for the frontend. For the backend, we are using C# and ASP.NET.
   2. The leader for development on the frontend team is Jose. The leader for development on the backend team is Spencer.
   3. The frontend design is intended to be two text fields, one for the name of the inputted item and a quantity one for the number of the inputted item. Then, there will be an OK/Apply button that will save the information temporarily in the frontend and a Clear button for clearing the text fields without saving. There will also be a submit button for the final submission that will create and send the JSON to the backend. There needs to be a verification system so that the inputted information verifies with an item ID in the database. There was discussion on adding a graph to the frontend that can be a line graph or bar graph that will show incoming and outgoing products. However, it was decided that this can be implemented in second or third stage and that it is important to just return the name and quantity of items in the database in place of the table. If the frontend team gets this development done during the primary stage, they are welcome to add more features to the frontend. Some of the features discussed were having a way to add new products to the database, adding a file in order to get information from that, and implementing Google Lens. The file addition can be bypassed is the Google Lens implementation is completed first.
   4. The entire team, frontend and backend, decided that a login system would be a good feature to implement. However, we should focus on the workability of the software first and foremost and the login can be added in the second or third stages. For the current stage, which is the primary stage, it is better if we do not focus on the implementation of a login yet.
   5. There were multiple ideas thrown out for where to host or store the database. Some of the things mentioned were Heroku, MySQL, NKU’s :W directory, or GitHub Firebase for hosting and storing the database.