**CS 440 Meeting Minutes**

Group: 31 Date: 1/28/22-1/29/22 Time: 2:15pm Duration: 5 hrs

Present, on time: Edward Plesa, Ryan Jasiak, Beyza Soylu, Abel Abraham

Present, not on time: N/A

Absent: N/A

Synopsis:

The purpose of our first meeting is to discuss which Development Project and Coding Project we would collectively like to do. We wanted to get logistics and ideas fully understood and communicated before we made our final decision.

Recent Individual Accomplishments:

As this is the first week Group 31 met as a group, recent individual accomplishments can be stated to have been collectively made in the form of getting everybody on the same page and familiar with each other; deciding on which project we would be working on.

Edward, Ryan, and Abel described their Development Project Ideas from the assignment due on the 22nd. We agreed upon Edward’s idea of a project which incorporates AI and machine learning to create a human face using natural language descriptions to aid in crime reports. Additionally, we decided on using Group 19’s : Piano Training Simulator from Fall 2018 as our semester’s Coding project.

Ryan and Abel realized they had previous knowledge regarding the logistics of using MIDI to create the implementation of the piano tiles, giving us a good headstart on the rest of the project.

Current Individual Activities:

* Ryan: Begin brainstorming ideas for front-end note animation and communication to backend mechanics. Additionally, solidify/ensure the use of a physical midi keyboard in real-time with the application will work.
* Beyza: Work on GUI for piano program using JavaFX.
* Abel: Create Jira releases & this week’s sprint (Sprint R1-1), brainstorm back-end mechanics on implementation of project (libraries needed, specific software design patterns to follow, etc.)
* Edward: Get started on populating the project backlog with stories on Jira. Also set up git and github for the CS440 group repository locally. Start research implementation level details regarding the Coding project (JavaFX for piano animations, MIDI incorporation, account - management systems and how to make them more secure).

Individual Action Items:

* Ryan: Connect MIDI keyboard to computer and get basic communication working with a Java program, but nothing more. More details about that will come later. Also, research JavaFX animation tools and best methods of displaying notes.
* Abel: Research overall software structure, what is approachable and feasible in Release 1 timeframe.
* Beyza: Work on GUI for piano program using JavaFX, make sure it works for user input through clicking, look into how to do animations for notes.
* Edward: Set up git locally, create stories for our coding project, start research on how to implement and get started with our major goals of the project.