Project 2 Estimate

Reading through previous team’s code to figure out how to implement new functions: 2 hours

AI Component: 14 hours

Easy: 2 hours

Medium: 3 hours

Hard: 5 hours

Setup: 4 hours

Custom Addition: 4.5 hours

Deciding: 30 min

Implementation: 4 hours

Documentation: 4 hours

Team Meetings and Discord: 2 hours a week = 4 hours total

ESTIMATION OF PERSON-HOURS FOR PROJECT 2 TOTAL: 28.5 hours

We arrived at this amount of time after looking at the code base we were going to be working with for this project. The amount of LOC for the project was enormous with the code base being roughly around 1000-1500 lines of code We felt as if the comments in the code was very hard to read and would take us a while to understand to figure out where we needed to implement the AI parts of the program. When brainstorming the AI we figured it would be easiest to use what they already had implemented and then make the AI a simple function that was inserted into their code based off of the users input. We think this will allow us to cut down on the required time needed to implement the AI but we are still going to allot for a lot of time to implement it due to the size of the code base and the comments we would be using to help us understand the code. We choose to add a sound for the custom addition to the project and we allot time based on our understanding of Javascript. We believed that it was going to a simple line of code that we would need to add in certain places that would call a mp3 file from the folder the code base was in.