Project Milestone #1

Group 101-4
Team Name: CAMIX
Members: Austin Cha, Cam Fields, Isha Karki, Xiyuan Liu, Max Van Sickle

Application Name:
-Shaux

Application Description:
The purpose of our application is to create an app that will allow multiple users to tune into a shared music queue. The queue will be based on user feedback, allowing each member of a party the opportunity to control the music. Each member will have the option to like, dislike, or add songs on the queue so that the pressure of 'being on aux' is shared among everyone.

Vision Statement:
-To rage, for ragers, at ragers
-To create a shared music experience like never before

Version Control:
https://github.com/ishakarki/CSCI-3308-Meeting-Logs.git
https://github.com/ishakarki/CSCI-3308-Milestones.git
https://github.com/ishakarki/CSCI-3308-Project-Code.git

Development Method:
We will follow a hybrid iterative waterfall method. A linear development method makes sense for us because we will start our development process with a clear scope and clear goals. This will make it fairly simple to iterate through the waterfall development without having to backtrack on a large scale. The use of a Gantt Chart will help our group with project management. The reason our method will be a waterfall hybrid is it might still be necessary to utilize some of the benefits from the agile and scrum methods as well, such as user stories and incremental delivery.

Communication Plan:
-Our team's primary means of communication will be GroupMe.
-Our means of work coordination and project management will be an online Gantt Chart shared with everybody.

-If there are specific problems or if it would be more efficient to have just one on one communication then everybody has each others emails, phone numbers, and other contact information.

Architecture Plan:
We are going to develop an application with Layered (n-tier) architecture. (Here is a link to Layered (n-tier) architecture introduction: https://techbeacon.com/app-dev-testing/top-5-software-architecture-patterns-how-make-right-choice)
Probable server to use: Microsoft IIS
Probable back-end: Java-Spring/JSF,
ORM
Probable front-end: Python

Meeting Plan:
-We have decided to meet face-to-face at least once a week on Saturdays from 2pm to 4pm. If we need to meet more than once a week we can do that one a case-to-case basis. We also will meet periodically with voice chat on Discord when necessary.