

A brief description (1-2 paragraphs) of your application: which dataset do you plan to use, who are the users of the application, who are the administrators of the database systems etc, what functionalities you may like to support.

Our application is going to be a music game similar to [Higher or Lower](#), where based on a certain statistic, users need to guess which song/artist has the highest statistic (e.g. streams). We're planning to use [this](#) kaggle database for songs and streams, and call the Spotify API for the other relevant information. We're planning to also keep the users, their scores, and their dates in the database to create a leaderboard and personal bests.

• A brief description (1-2 paragraphs) of your choice of platform (school servers, local machines) and user interface (e.g., how will users interact with your application? command line or web or GUI, etc?)

We have chosen to host the project on our local devices. This allows us to test the program without needing to SSH directly into the student servers every time. We will also be making a web based application, where users can interact with the program using a GUI. The data processing will be done in python and MySQL while the web UI will be done in Javascript, CSS and HTML.

• A section on members, that lists the members of your team, and for each member, a description of effort and progress made by this member to date.

1. Andrew (Set up the data set with MySQL)
2. Amy (Wrote the app.py script)
3. Enoch (Wrote the report.pdf)
4. Finley (Found the data set)
5. Jordan (Wrote top_10.py script)

• A link to the GitHub repo you will use throughout the project to store your source code. We recommend having 4 directories at the top: milestone-0, milestone-1, milestone-2, milestone-3. For each milestone, place the required documents and data under the corresponding folder. When needed use a separate README file for each directory. Share the Github repo with your TA using their Github username. If you want to organize your repo differently, this is fine, as long as you explain your organization clearly in the README of the repo.

https://github.com/CatalystKD1/cs348_Project