

## CS 490/491L Progress Template.

Instructions: Each team member should enter their activities performed for the capstone project in the last two weeks, as well as their expected activities for the next two weeks, along with anything holding them up on completing their activities. These should be discussed by the team and their advisor(s) during the weekly/biweekly meetings, and the advisor(s) should sign and date the sheet indicating a correct assessment of the team's progress. Students need to upload a signed and scanned version to Canvas.. Progress reports uploaded to Canvas without a signature and score for progress will receive a 0 for progress.

**Team/Project Name:**     **Keyboard Buddies / Earworm**

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**Team Member #1:**             **Alvaro Lopez-Romero**

**What I did since last progress report:**

Began programming a new Spotify API class that will retrieve a user's top listened to songs in Python.

**Anything holding me up on my last progress report's expected activities:**

Need to get the Spotify API integration with our apps front-end log-in module.

**What I plan to do before the next progress report:**

Finalize the new Spotify API class in Python and the integration of our login using Spotify's API.

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**Team Member #2:**             **Mitchell Mercer**

**What I did since last progress report:**

Created python files to pull a .json of the users top 50 songs of all time from the SpotifyAPI, convert that file into a CSV that contains list of songs and appends the features as gathered by Spotifys backend like, dancieness, valence, acousticness etc, and began applying ML algorithms like K-Nearest Clusters and Linear Regression to the dataset. Next steps are to parameterize inputs like spotify username to dynamically find this data per user, and find a way to return values from K-Clusters and Lin. Regression to the React App.

**Anything holding me up on my last progress report's expected activities:**

Complete lack of experience transferring data between two different programming languages.

**What I plan to do before the next progress report:**

Complete machine learning implementation. Work with Alvaro to retrieve spotify data per user.

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**Team Member #3: Charles Quebral**

**What I did since last progress report:**

Continued front end implementation using react.

**Anything holding me up on my last progress report's expected activities:**

N/A

**What I plan to do before the next progress report:**

Collaborate with Nathalie on further website implementation. Test new designs to give website a more “modern” feel.

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**Team Member #4: Nathalie Claire Tivar**

**What I did since last progress report:**

Converted front-end to ReactJS. Worked with Mitch on adding my codes to the main branch.

**Anything holding me up on my last progress report's expected activities:**

Had issues with GitHub. It wouldn't let me push my code/ merge my files to the main branch. We were able to add the code but it is still a work in progress.

**What I plan to do before the next progress report:**

Continue converting the codes to ReactJS. Remove html files. Work on matching the users.

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**Team Member #5:           Rodolfo Rivera**

**What I did since my last progress report:**

Researched how to connect firebase with react. Started working on website.

**Anything holding me up on my last progress report's expected activities:**

N/A

**What I plan to do before the next progress report:**

I plan on helping Alvaro with the api integration and rewriting it in python.

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Date: \_\_\_\_\_

Team Progress (0 -- 3): \_\_\_\_\_

0 -- no progress has been made by the team

1 -- insufficient progress has been made for the team to complete their capstone

2 -- sufficient progress has been made for the team to complete their capstone

3 -- excellent progress has been made by the team

Report Quality (0 -- 3): \_\_\_\_\_

0 -- missing or empty report

1 -- report briefly written with incomplete sentences, lacking descriptions of work

2 -- well written report with sufficient description of work performed since last  
progress report

3 -- excellently written report with detailed description of each team members  
progress