

Team: caliente

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Pd8

Project Proposal

MP3 Player

- Play/Pause button that plays/stops music
- Next/ Previous button that goes forward and backward to select next song in playlist or previous song
- A search box to find songs
- Ability to adjust volume
- Possibility of a lyrics box to allow user to sing along (karaoke)
- Create a playlist feature

Reinforce

- We will use arraylists or doubly linked lists in order to create and store playlists. Stacks will also be used if a user wants a single playthrough playlist. Songs can also be randomly shuffled for a random playlist.

Showcase

- Using processing we will create a GUI that has buttons allowing for users to enjoy the same experience as any media player on their computer or phones.

Extend

- Our project requires us to use a database in order to search for and play through songs, with their lyrics. We will also need to come up with a way to make karaoke a smooth experience.

In order to not violate the “No sound” condition, we will have an option to start on mute on the starting screen.