CSC302 Group6

FireTunes: a music player add-on

FireTunes

- A Firefox add-on that enables users to play and manage music playlists from YouTube without needing a separate YouTube tab open to do so.
- Users are able to search for music and add/remove it from a managable playlist, play/pause the music, jump ahead/behind in the playlist, and change the playing volume.

Goal

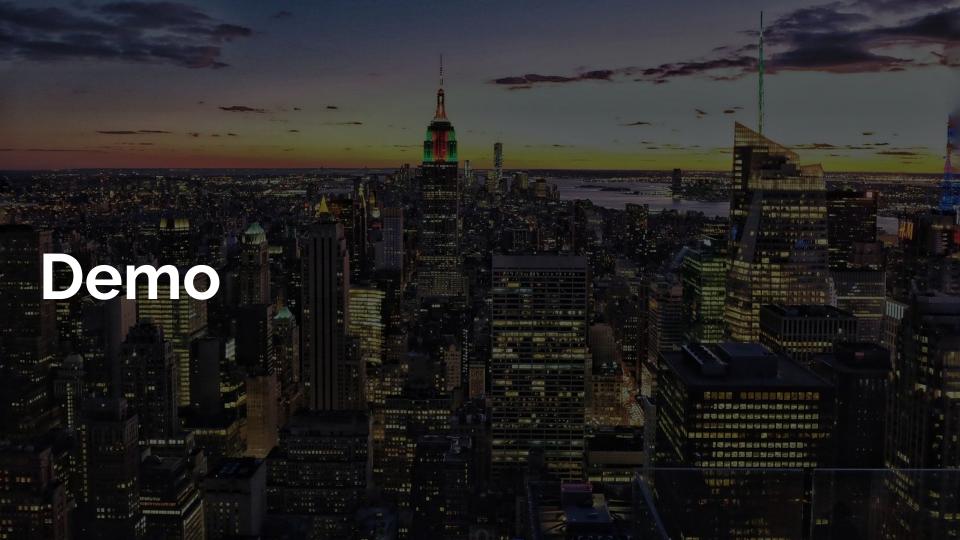
• The goal of the add-on is to enhance the user's web browsing and music listening experience by outsourcing the Youtube search and playlist features, which would normally be managed through a separate tab, into the add-on, providing the user access to these features through an independent widget and interface that can be managed without leaving the page they are currently browsing.



- FireTunes' target audience is people who primarily listen to music through YouTube while using their computer.
- FireTunes' is designed for all age demographics.



- Users who listen to music on YouTube can spend a lot of time searching and switching between YouTube tabs in order to manage the music they listen to, for example, when pausing a song, jumping to the next song, or adding another song to their playlist.
- FireTunes simplifies the music listening experience over YouTube by streamlining the selection and playback process, saving users' time.



Technologies Used

Youtube IFrame Player API, Youtube Data API

Javascript, Jquery

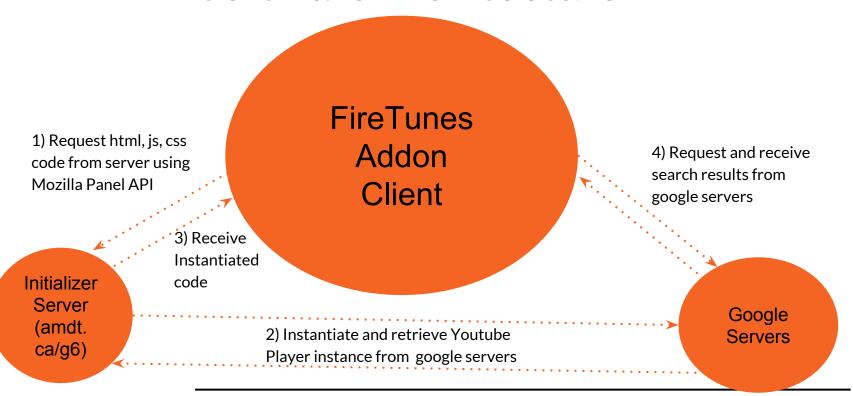
HTML5

Mozilla Add-on SDK high level APIs



CSS, Bootstrap

Software Architecture



Work Breakdown

<u>Idriss</u>

- FireTunes Iframe player
- FireTunesSearch
- FireTunes server hosting

Thomas

- FireTunes UI
- YouTunes (alternative solution)

<u>Wilson</u>

- YouTunes

 (alternative solution) UI
- Testing

<u>Parker</u>

- FireTunes Iframe player
- FireTunes playlist logic
- Youtube Data API (alternative solution)

<u>Tyler</u>

- UI Design
- Mockups
- User flow

