**UpNext**

**Project Charter**

**Problem Statement**

* While there are many online radios, or music platforms, we felt that few really involve the user with other people when choosing songs. We present UpNext, a music website where users can post, vote, and comment on songs with other people. The goal is to make creating a playlist more of a group experience. In order to keep the playlist fresh, songs will expire after a certain time limit.

**UpNext: A Music Website**

* This website will act as a shared playlist, where users can add songs and modify the order of the songs being played through voting.

**Objectives/Features**

* As a user I would like to be able to
  + Post songs
  + Delete songs that I have added
  + Vote for my favorite songs
  + Flag songs for inappropriate content
  + Comment on songs (time permitting)
  + Mark songs to be skipped (time permitting)
  + Create a profile (time permitting)
* As an admin I would like to be able to (in addition to user’s features)
  + Remove songs
  + Delete users
* As a developer I would like to be able to
  + Have songs automatically removed after an expiration date

**Technologies**

* Firebase - Google’s Backend Service
  + We will use this for setting up the server and database
* HTML
  + This will be the basis of our website
* Javascript
  + Angular framework
    - This will be used for modularity and single-page app routing
* Spotify API/SDK
  + This will be used to allow users to search, add and play songs

**Deliverables**

* Website using the aforementioned technologies
* A way to add and remove songs
* A way to vote on songs
* A database to store votes and profiles

**Stakeholders**

* Developers (us)
* Spotify
* Users of UpNext
* Potential Advertisers