High Level Goals

- Acquire some form of service via internet
  - In order to be accessible, a server will be needed to host online connections
  - Highest priority due to the need of hosting/access
  - Category: Overall Access
- Have an interface to search, select and play music
  - To have control and choice over what music to play
  - Category: User Control
- Be able to play music from multiple different platforms in one session
  - The sole reason anyone would use the site
  - Category: User Control
- Be able to create playlists of songs
  - For convenience sake of changing songs every time after finishing one
  - Category: User Control

User Stories

As a user, I want to be able to:

- (1) See a list of music so that I can select music to be played
- (1) Listen to the music I selected so that I can enjoy the music I found
- (2) Bookmark my music so that I can easily find them later
- (2) Search the list of music by key terms so that I can find specific music or songs
- (2) See my history of music that I have listened to so that I can find songs that I had previously listened to but didn't save
- (2) Create a playlist of music so that I create a specific list of music by my preference
- (2) Filter the list of music by genres so that I can search for a specific genre of music
- (1) See music from multiple platforms so that I can find music that may not be on certain platforms
- (3, difficult) Choose my prefered music so that I am shown more music pertaining to my tastes
- (2) See the artist of the music so that I can find more music by the same artist
- (1) Search music by platforms so that I find music that are on a specific platform

Sprints Plan

Sprint 1

- Build a website to view online
- Have service to access said website
- Have an embedded media player for playing YouTube music videos
- Have a search function for finding videos to play by author or song title

Sprint 2

- Expand media playing and search services to Spotify, Soundcloud, and (potentially) other music sources
- Combine search results from all sources into a single list

Sprint 3

- Allow user to build playlists with songs from multiple sources
- Allow user to share playlists with others via URL
- Store persistent user data listing bookmarked and recently played songs
- Allow user to search by genre or keyword as well as title/author
- Show suggestions (related songs) from all available platforms

(cont.)

Sprint 4
- Show lyrics, when available, while playing the song
- Allow user to play only a subset of a playlist (filter by genre or manually)
- Allow the user to restrict search results to or away from certain sources, based on their preferences
- Allow user to combine multiple playlists into one
- Allow user to choose whether or not to stream video with audio to save bandwidth
- Show music suggestions based on user's preferences (difficult)

Product Backlog

A list of cut ideas:
- Choose genres and preferences of music; would need a list of all genres and tags at min.

An explanation as to why this section is empty:

We intend this product to solely be a service to play music off other platforms, along with other features. A list of ideas that were not and/or could not be implemented into release would be horribly short and sound possibly absurd.