Team Name: boi
Project Title: Inside Out the Musical
Roster: Daniel Chernovolenko, Jerome Freudenberg, Jonathan Quang, Henry Zheng

Description:

Our website will take a user input on how they're feeling/what mood of music they want to listen to as well as their last.fm username. The website will then access their "loved" songs on last.fm and use musixmatch to look up the lyrics. Then, the lyrics will be input into the watson tone analyzer and the tone of the song will be determined. We then return a playlist of their "loved" songs that match the tone of music they selected.
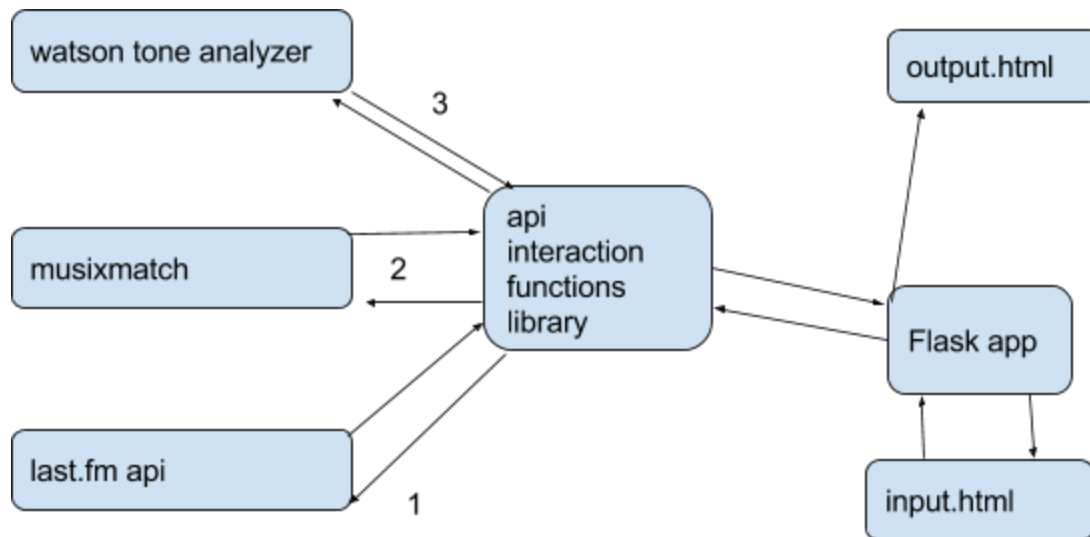
List of Components:

★ Api interaction library
  ○ Last.fm
    ■ Access user favorites
  ○ Musixmatch
    ■ Access lyrics based on song title + artist
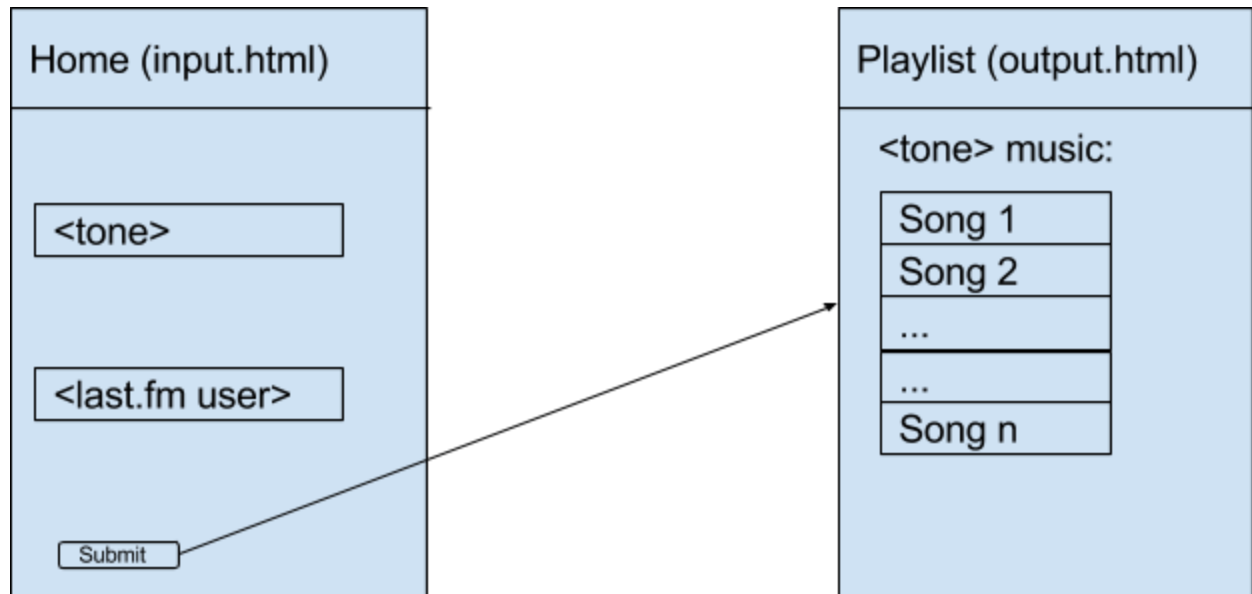 ○ Watson tone analyzer
    ■ Access tone of lyrics
★ Frontend using bootstrap to help with styling
  ○ Homepage that takes input
    ■ Drop down menu to select tone of music
    ■ Textfield for last.fm username
  ○ Output page with playlist

Component Map:

Site Map:

Division of Labor:

- ❖ Project Managing and Related Thingamajigs
    - ■ Jerome
- ❖ Api functions library
    - ■ Henry and Jerome
- ❖ Sensational, jaw-dropping, breathtaking, awe-inspiring frontend aesthetics
    - ■ Dan and Jonathan
- ❖ Flask app
    - ➢ Routes for the home page and playlist page
        - ■ Dan and Jonathan