

# Song Prescriber

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## Project Description

A website that suggests new music based on your taste in music. This site will provide a way for users to specify their taste by adding a fixed amount of their favorite songs to their profile. Once they decide that they want to explore new music, by pressing a single button, a song will be matched and played. The song will be match based on other users that share the same favorite songs. If at any point the user decides that the matched songs are not what is expected, the user is able to modify the list of favorite songs.

### Account management

- Two account levels: User and Admin
- Account creation: Username and Password
- ✗ No confirmation emails
- Password encryption
- Not possible to create an Admin account from the webpage
- New User
- Drop down for username and password
- Form validation
- ✗ No CAPTCHA

### Search

- drop down menu (clickable)
- Search by track/artist/genre
- sorting by artist
- sorting by song title
- sorting by number of likes
- filter by genre
- filter by length (Only show songs that have at least x minutes and y seconds)
- liking songs in search bar

### Main Page/ Profile Page

- 4 Slot page
  - Profile
  - Profile info (Optional for users)
    - Short blurb
    - Interests
    - Preferences
  - History of song pages visited (only for registered users)
  - Upload profile image

- Username
- Like menu
- Change user info (Only available to the owner of the profile)
  - Password
  - Name that appears on profile
  - Delete account

### **Login Page**

- Registered User
- Guest User (Does not save any data to database)

### **Admin Privileges**

- Mark explicit songs
- Deleting Users
- Remove songs
- Remove tags
- Enable/Disable comments for specific songs
- Pin/Sticky comments (Keep a comment at the top of the list)
- ✗ No banning users

### **Dashboard**

- Recommender button
- Search bar
- Profile Drop-down
- Likes
- Sign out
- Link to profile page (Only for registered users)
- ✗ No Notifications
- ✗ No Following
- ✗ No Followers
- ✗ No Messaging

### **Song Page**

- Likes
- Report
- Comments
- Add user-defined tags
- option to play song (Available to all users)
- information about the song (length, artist, title, album, image)
  - Option to start a search for all songs by this artist or from this album
  - recommended songs (Others who liked this song also liked...)