

Startup

URL: /

Method: Get

Input:

Output: login

Possible Errors:

Scope:

Login

URL: /

Method: POST

Input: Username, Password

Output: success (Boolean)

Possible Errors:

Scope:

Register a New User

URL: /register

Method: POST

Input: username, password, e-mail

Output: success (Boolean)

Possible Errors: User exists,

Scope: All Users

Find Song

URL: /findsong/:track(/:artist)

Method: GET

Input: track, (artist)

Output: get_track JSON

Possible Errors: song not found

Scope: All Songs

Find Song ID

URL: /findsongid/:track/:artist

Method: GET

Input: track, artist

Output: songid

Possible Errors: Song not found

Scope: All songs

Recommend a Song

URL: /getrecommended/:trackid

Method: GET

Input: track_id

Output: success (Boolean)

Possible Errors:

Scope:

Get Dashboard

URL: /dashboard

Method: GET

Input :

Output: render Dashboard

Possible Errors:

Scope:

Get a Song

URL: /songpage[/:track(/:artist), /:id]

Method: GET

Input: track name, (artist)

Output: get_track JSON

Possible Errors: song not found

Scope: All Songs

Get User's Data

URL: /userdata/:name

Method: GET

Input Params: name

Output Params: UserInfo, success(Boolean)

Possible Errors: User not found

Scope: All users

Profile

URL: /profile/:name

Method: GET

Input:

Output: render profile

Possible Errors:

Scope:

Get User's Dashboard

URL: /dashboard/:name

Method: GET

Input: name

Output: render Dashboard

Possible Errors:

Scope:

Post to Profile

URL: /profile/:name

Method: POST

Input: Username, Bio, Interests, Preferences, Recently Played, Song, Artist, SongID

Output:

Possible Errors: Update Error

Scope: Logged in Users