Project Milestone 4

Revised List of Features

Current features
- Geo Origin (1)
  - Categorizing music by geographic origin
- User Profile (2)
  - Personal Information
- Website UI (3)
  - With world map to navigate regions
- Spotify Music Preview (4)
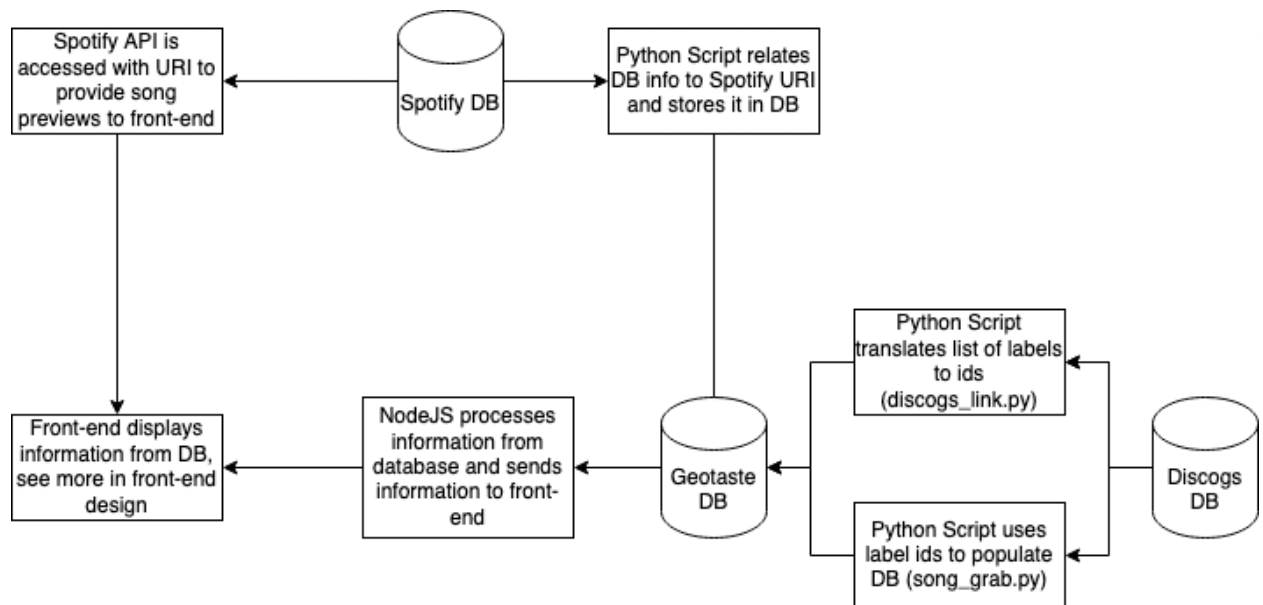 - Using the spotify API to integrate music

Features that are added
- Having a country page with all the music information (artist, genre,song, label) in the geo origin
- Personal information in the profile page

Features that are dropped
- Playlists, location and preferences are dropped from the user profile
- Listening history was also dropped

Architecture Diagram

Front End Design

The wireframe is made with Figma.
https://www.figma.com/file/DIzwiLQG1DwAIICYlWFW9a/Website-Wireframe?node-id=0%3A1
Graphics and styling will likely differ, but layout and function should remain relatively the same.

Web Service Design

- Spotify (for preview)
    - Collects music metadata off the Spotify app
    - Can interact with the Spotify app by following playlists
        - Spotify ID - for preview
        - Artist
        - Song
        - Album
- Discogs (for country origin)
    - Collects music metadata from Discogs App
        - Label
        - Song
        - Artist
        - Genre

Database Design

- https://docs.google.com/spreadsheets/d/1xDTi3nxW6EombXiu3tHaSVvZY3mVb3Y5b6 0jarnE48o/edit?usp=sharing
- It is possible that this will change slightly in the future, but this is the current database design, and what is being used on our local docker containers to develop the application

Challenges

- 3 challenges
    - Connecting the results from the search for the origin country/location of record label of each song to the country it is associated with in the country page.
    - Working with php and docker database which stores the login information
    - Dealing with the rate limiting that APIs have while trying to access large amounts of information
- Backup Plan

- ○ Using a simple dropdown form instead to make the implementation easier
- ○ Making up dummy data and using that to show up on the profile page
- ○ Change the script so it can work in pieces to spread the work out, possible host on a server

Individual Contributions

- Filip
  - ○ Working on integration of Discogs API to populate our music database
  - ○ https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-012-03/commit/a0baf2c05e8ecd0bd4d6ab7aab7dcbe4bc47ce4d
- Mackenzie- Continued work with the server.js and country.ejs files. Worked on integrating some local information about the country page into the rendering of the page. Updated the wireframe. https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-012-03/commit/bda4bfcd98cd49cec3b56d608f3c82cc49c52b6e

- Alex
  - ○ Worked on the song page where it displays a certain song and its corresponding data. Operates on a get request sent from another page that references a song id. Then, with the song id, song info is pulled from the our song database then the data is displayed onto this site. Also includes a Spotify preview player.
  - ○ https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-012-03/commit/b22d4edad628f7ad7a5720874ec0efeba3fb8fba

- Kelly
  - ○ Worked on the countries.json file so each country can have a name, description, image, and url when clicked on in the map.
  - ○ Latest github commit: https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-012-03/commit/a532fb940f039e88766d64d14a2d5d4ac2746f17

- Sneha
  - ○ Worked on the php and sql files for the users to login
  - ○ Working on the database to store the login information

- ○ Latest commit:
  https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-012-03/commit/5ba3c8c83a39b4f7e85eec22206561fb28575044
- ● Sultan
  Worked with Filip on the database and started to work on the listening history. The html setup for the music history is ready but I am having some problems with authorizing the spotify account.
  https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-012-03/commit/5abd397a460e004a19fde4813653664c5b501801

Management board

TO DO	IN PROGRESS 3 ISSUES	DONE 4 ISSUES ✓
	User wants to link application to main streaming services WEBSITE UI D00-17 6 FC	**User wants to be able to login** USER PROFILE D00-19 ✓ 1 SY
	UI integrating the map and the user should be able to listen to the music when they click on different parts of the map UI MAP D00-24 2 KW	**Spotify Music Preview** GEO ORIGIN D00-25 ✓ 5 SA
	User wants to see interpreted data from API WEBSITE UI D00-29 5 AP	**Setting up Location–Label Database** UI MAP D00-23 ✓ 3 FC
		User wants to link with Discogs API (Architecture) WEBSITE UI D00-28 ✓ 4 ME