24-2 OSS Team Project Proposal   Cha Sangeun Lee Harin

1. Project Overview

- Service description, Team members' names

      Adding music by typing it's artist name and song name.

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- Service Title and Key Features (menu structure, target audience)

      My Music Playlist Website

      At main page, there's searching bar which can search music and my playlist button that you can see what you added. When you want to search specific music, you can type the song's name and artist to see it's detail information. There will be some information and adding button whether it's valid. You can move on to the adding page by clicking the add button. At my playlist page, you can see the detail information that you added. you can update the song memo, delete what you added.

- CRUD Dataset (minimum of 7 fields)

  track.artist.name, track.name, track.album.title, track.listeners, track.playcount, track.album.image.#text, track.album.url, track.wiki.published, track.wiki.summary, myPlaylist.memo

- Reference Services

     Spotify (Music streaming sites)

- URL of the referenced site

    https://open.spotify.com/

- Description of the specific pages or features being referenced or cloned (layout, style, etc.)

      A design that shows the search bar on the Spotify main page, popular artists on the main page, and album covers by song. Open API Usage

- Title and description of the API

    Last.fm

Get the metadata for a track on Last.fm using the artist/track name or a musicbrainz id. When you send web address with song name and song artist, you can get information about that particular songs by json file.

- URL of the API provider's website

https://www.last.fm/api/show/track.getInfo

- Plans for API usage

    1. enter song's name and artist which you want to search.

    2. send song information to fetch the song's detail information

    3. store information in mock API to make CRUD program

    4. Now you can look, update, delete these information.

2. Page design and role allocation

- Description of the anticipated layout for each page included in the Router links

    main : Search for music and 'Add' button to add music to the playlist beside music name

    myPlaylist : Album photos added to the playlist

    myplaylistInfo : music informations (music name, artisrt name, album name, Number of listeners, Total times played, album image, Link to song url, Release date, Music description (expandable)) and 'Edit' button and 'Delete' button

    adding : The window that moves when the ed button is pressed in the main, Notes about the song (optional)

    updating : The window that moves when the edit button is pressed in myPlaylistInfo, can update memo.

    - Role allocation for each team member

     Sangeun Cha - Get Last.fm API information, Mock API integration

     Harin Lee - Designing web page elements

    - Team member production schedule up to the final deliverable submission

Week 14: Selecting a topic, exploring and learning how to use APIs, designing web page elements (main, adding, update, ... for each page content)

Week 15: Concrete implementation (getting last.fm API information, linking mock API, placing buttons for each page), setting up each CSS