Group members: Zidanni Clerigo, Bushra Rahman, Hui wen Weng, Sadat Ahmed

Project Name: Beats Binder

Applications:

Home

1. Navigation bar to the individual app inventories
2. Search bar that takes the user to a search results page with the results of their search and corresponding save buttons to each search to allow them to save that item
3. Dark/light mode toggle
4. Rankings of the top songs, artists, and albums

Artists

1. Navigation bar to the individual app inventories from home
2. Search bar from home
3. Dark/light mode toggle from home
4. List of artists saved by the user with links to the artists' details pages
5. Unsave button to remove the artist from the inventory

Song

1. Navigation bar to the individual app inventories from home
2. Search bar from home
3. Dark/light mode toggle from home
4. List of songs saved by the user with links to the songs' details pages
5. Unsave button to remove the song from the inventory

Albums

1. Navigation bar to the individual app inventories from home
2. Search bar from home
3. Dark/light mode toggle from home
4. List of albums saved by the user with links to the albums' details pages
5. Unsave button to remove the album from the inventory

Component Relations:

The project will open up to the home page, where there will be three music ranking charts — top artists, top albums, and top songs. At the top of the home page there will be a navigation component where links to the "Artist," "Song," and "Album" apps and pages will be. There will also be a search bar below the navigation bar. Clicking on the redirecting links will take the user to a page that displays a list of their saved artists/songs/albums. On the artist page, the user can browse the artist's information by going to their details page after clicking on that artist, and vice versa for the other apps. On the home page, inventory pages, and details pages, the user may use the search bar to look up an item and choose to save with the corresponding save button on the results page. The saved entry will show up on the respective inventory page.

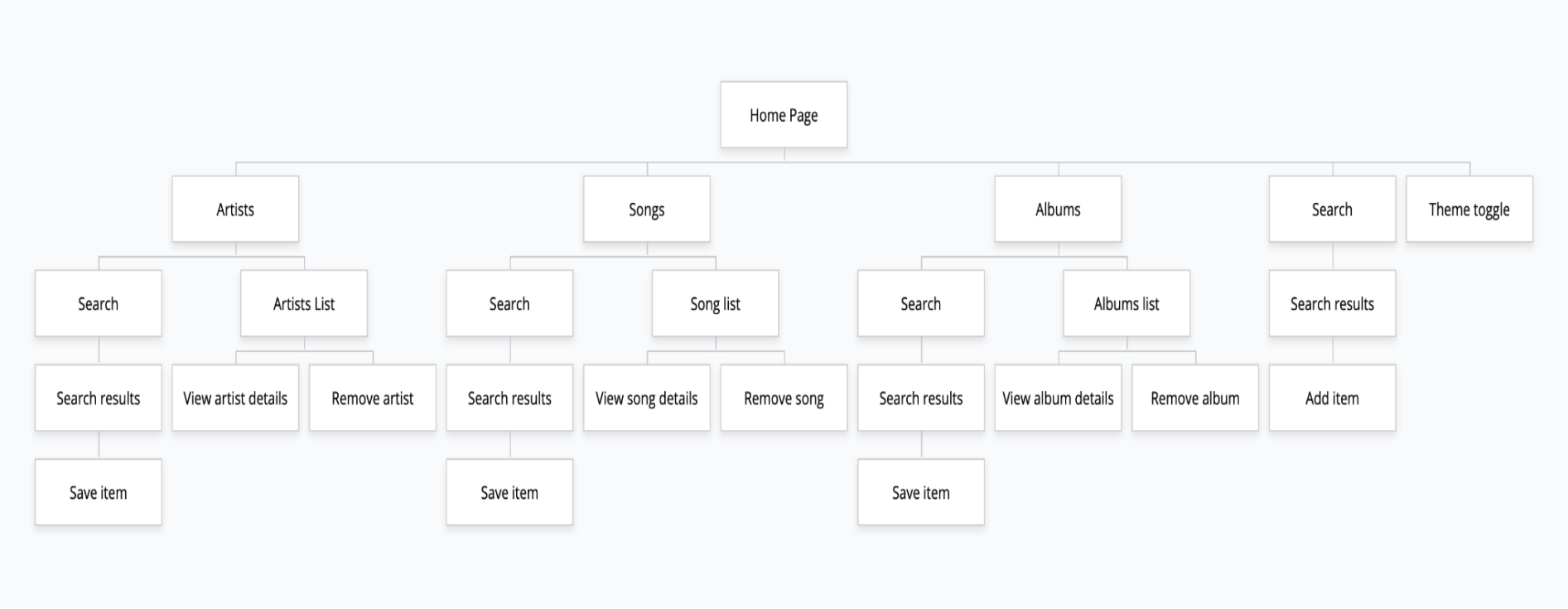
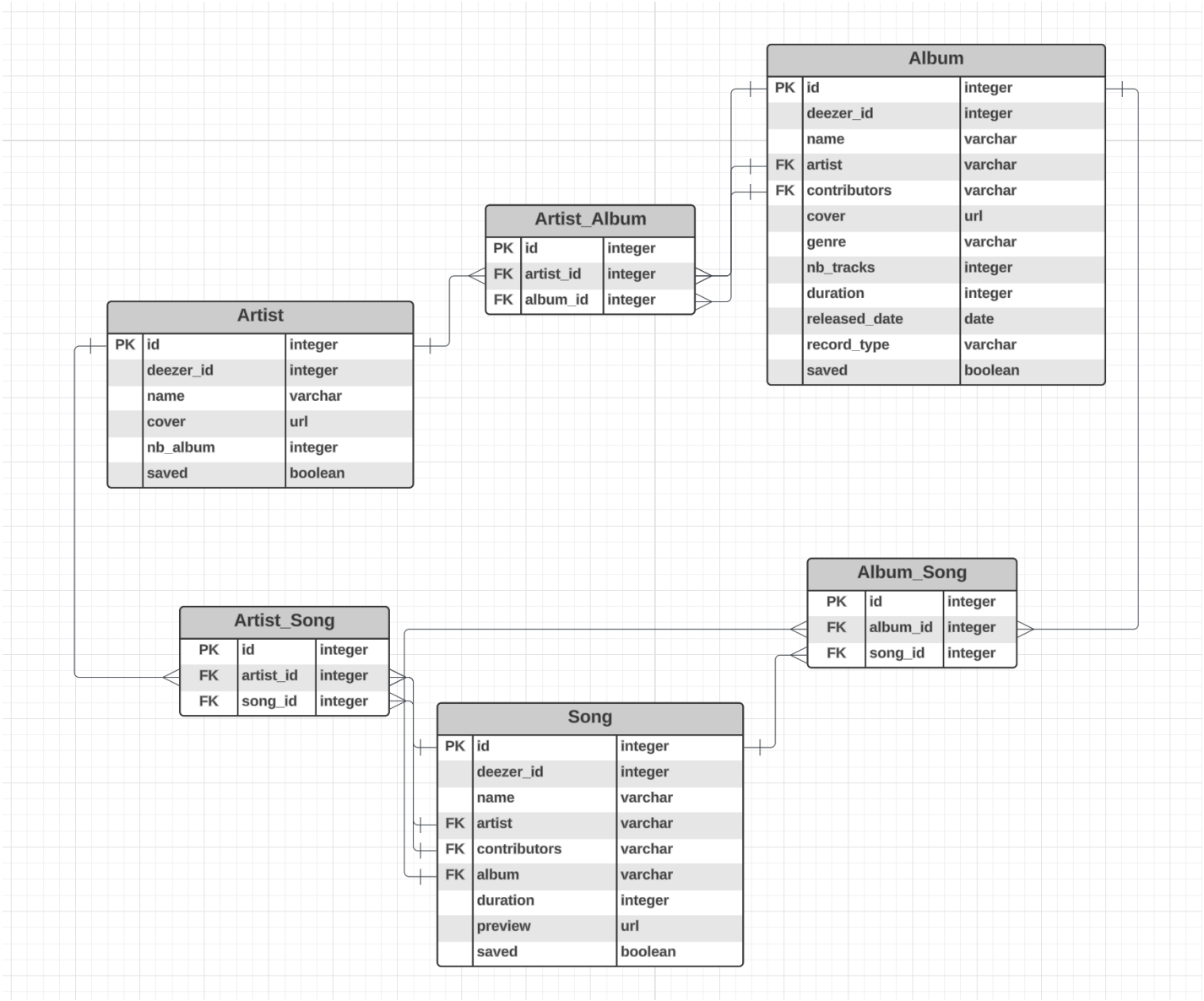
API:

- https://rapidapi.com/deezerdevs/api/deezer-1
  Deezer - Artist, Track, Album
- https://rapidapi.com/contact-cmWXEDTql/api/billboard-charts-rankings/
  Billboard Charts → music rankings
  Hot 100, Top Artists, Year-End 100 Hot Songs, Billboard Global 200, Billboard 200 Albums

Assignments:

- Zidanni: CSS, Bootstrap, songs template
- Bushra: Connecting databases, save/unsave buttons, list and details views (back-end)
- Hui Wen: Home page, connecting APIs (search bar), theme toggle, CSS, Bootstrap, design doc
- Sadat: Item detail pages, list views and templates (front-end)

Site Map


Home Page
Artists
Songs
Albums
Search
Theme toggle
Search
Artists List
Search
Song list
Search
Albums list
Search results
Search results
View artist details
Remove artist
Search results
View song details
Remove song
Search results
View album details
Remove album
Add item
Save item
Save item
Save item

Database Design