Project Topics: Choose one topic

1. Music service
2. Shopping mall
3. Movie portal

Music Service

- Target
  - Music service such as Apple music, spotify, Joox

- Objective
  - Create a website to search and download songs

Music Service

- **Functionality**
  - [User] Sign up, Sign in, Sign out (User / Manager)
  - [User] Mypage
    - Show personal information
    - List of favorite songs
  - [User] Search songs by title & artist
    - Show title, artist, genre etc.
  - **[PLUS]** [User] Sort search results by title & artist
    - Sort results by clicking sort button
  - [User] Song description page
    - Title, Cover image, lyrics etc.
    - User access to this page by clicking the song on the search results.
  - [User] Add songs from search results to favorite or download list
  - [User] Show most favorite songs
  - **[PLUS]** [User] Buy memberships to use additional services
  - [Admin] Add new songs or artist into DB
  - [Admin] Delete a user from service

Shopping Mall

- Target
  - Online shopping mall
    - Amazon : https://www.amazon.com/
    - eBay : https://www.ebay.com/
    - Shopee : https://shopee.co.th/
- Objective
  - You have to create online shopping mall website.
  - There are **two types of user**: buyer and seller
  - You have to implement appropriate features for both users.
    - e.g., buy item, register sale item

Shopping Mall

- Functionality
  - **Sign up, Sign in, Sign out**
    - Buyer / Seller
  - **Show item list**
    - by category (e.g., fashion, digital)
    - sort by (e.g., popularity)
    - filter (e.g., > B1,000)
  - **Search items**
  - **Buy items**
    - one or more
    - multiple kinds at once
  - **Item page**
    - Show item features (e.g., price)
    - Item photo

- **Cart**
  - add to cart
  - show items in cart
  - remove item in cart
  - edit item quantity
  - Show total price
- **Buyer page**
  - Show purchase history
- **Seller page**
  - Add sale item
  - Edit information of item
  - **[PLUS]** Show buyer list for each item

Movie Portal

- Target
  - Online movie ticketing
    - Major : https://www.majorcineplex.com/
    - SF : https://www.sfcinemacity.com/
- Objective
  - You have to create online movie ticketing website.
  - Users visit to book a movie or to find information about a movie.
  - You need to implement the appropriate features for user satisfaction.

Movie Portal

- Functionality
    - **Sign up, Sign in, Sign out**
    - **Show movie list**
        - by genre
        - Sort by (e.g., average rating)
    - **Search movie**
    - **Ticketing**
        - After choosing a movie, show the available theater
        - After choosing a theater, show the available movie**.**
        - Considering the current time, previous time movies are not available for ticketing
        - Seat status changes when reservation is complete.

- **Movie page**
    - show poster and trailer
    - write review, show review
- **Theater page**
    - show available movie list
- **Like list**
    - add to like
    - delete from like list
- **My page**
    - **[PLUS]** show movie history
    - show my reviews