



# Functionalities

- Filter movies by genre (both in public and private areas)
- Fetch Top 100 movies from external API
- CRUDs:
  - Create: Add watched movies in table.
  - Read: Fetch watched movies.
  - Update: Change LastWatched and FinishedWatching fields in “Movies” table.
  - Delete:

# Database

- Database name: “MoviesStatsDB”
- Tables:
  - “Movie(s)” Table:
    - Name : varchar
    - ReleaseDate : date
    - Genre : varchar
    - LastWatched : date
    - FinishedWatching : boolean
    - NumberOfTimesWatched : int
    - InWishList : boolean
  - “User(s)” Table:
    - Username : varchar
    - Password : varchar(max\_length=20) ?
    - Email : email / varchar

# Front-End (components)

- React App.js
  - Home Page
    - App name (top centre)
    - Logout button (top right corner)
    - MyMovies toggle (top left corner)
    - DashBoard
      - "Hi " + username (before @ in email address)
      - Section 1: First 10 movies from the List of top 100 movies (json data from external API)
        - 10 Movie Cards w/ info of the movie
        - Show more anchor / button
      - Section 2: First 10 Recommended (based on the genre of your last watched movie)
        - 10 Movie Cards w/ info of the movie
        - Show more anchor / button
      - Section 4: First 10 Wishlist movies
        - 10 Movie Cards w/ info of the movie
        - Show more anchor / button
      - Section 3: First 10 Watched movies
        - 10 Movie Cards w/ info of the movie
        - Show more anchor / button
  - Login/Sign-Up Page (redirects to home page)
    - Title: "Sign-Up or Login"
    - Form
      - Email input field
      - Password input field
      - Sign-Up button
      - Login button