1. Flixly - a Netflix inspired application

- **Database Schema:** Tables for [Users] & [Movies]
- **API Issues:** Handle API response from TMDB API, ensuring proper error handling and managing edge cases like failed requests or missing data.
- **Sensitive Information:** Securely store user credentials and profile image uploads. Ensure encryption and safe handling of passwords
- **Functionality:**
  - (User) - After registering/logging-in, the User will be redirected to the all movies tab, as shown on the navbar, showing a poster and a few details about each movie.
    - The User can click on the poster of the movie to view the movie's full details. Then, the user has the option to rate (add, edit, delete), favorite, or watch movie.
    - The User can enter a movie title in the search bar to render movie results based on the search term(s).
    - The User can click on the Favorites to render a list of all the User's favorites with the same functionality except search.
    - The User will have a profile, allowing the user to edit any details except username.
- **User Flow:**
  - Sign up/Login -> New users create an account with a unique username, first name, last name, email, and profile picture. Existing users log in with username and password to access the application.
  - Movies -> Logged in users can view a list of all popular movies, search for movies by title. These lists will display a poster image with a few details about the movie. When the user clicks on the poster, the user will be directed to view the movie's details where the user can rate (add, edit, delete), favorite, or watch a movie.
  - Favorites -> Logged in users can view a list of their favorite movies and click to access movie details.
  - User Profile -> Upon registration, each user will have a user profile containing, non editable username, first name, last name, email, and profile image.
- **Stretch Goals:**
  - Add further search options (by rating, autocomplete search, etc.)
  - Add featured movie weekly.
  - Add categories by genre.
  - Select pre-set profile images.
  - Additional front-end features/styles.
  - Total videos watched.

Instruction	Description	Menu
Stack	Tech stack used for the project.	JavaScript - Node - Express - React
Focus	Is the front-end UI or the back-end going to be the focus of your project? Or are you going to make an evenly focused full-stack application?	Will be a full-stack application that is evenly focused. - Back-end will support data management & integration with external API's - Front-end will be focused on creating an engaging intuitive design that will allow users to navigate effortlessly
Type	Will this be a website? A mobile app? Something else?	Web application with potential for mobile app functionality.
Goal	What goal will your project be designed to achieve?	To give users the ability to view movies.
Users	What kind of users will visit your app? In other words, what is the demographic of your users?	Users interested in watching movies with a similar experience to Netflix.
Data	What data do you plan on using? How are you planning on collecting your data?	**Data Sources:** TMDB API, Form Data **Data to Collect:** API requests for the movies. Form data entered by the user. **Collection Method:** API requests,