

## Status Summary

- Project Name: Movie Tracker

- Team Members:

Work Done: We have worked on the front end of the project, including the sign-in page, the register page, and the search page. Additionally, we have created the back end for each of these pages so that there is full functionality for these use cases. We were able to do this by creating a database that adds the information of registered users, and also verifies their credentials via hashing. We were able to complete requests to the OMBd API in order to load movie search results.

- Niraj Gupta

- Setup Node.js html javascript framework and packages
- Write Apis and create views for Search and list movies
- Create modal for movie details
- Create database connection and classes for sign up and sign in
- Apis for sign up and sign in in Java

- Tejas Kaushik

- Set up maven and java
- Write Apis and create views for sign in frontend
- Integrate IMDB api with backend
- Write hibernate utils and encrypt utils
- Create Search movie Api

- Joshua Sun

- Set up Mysql Database and create Tables
- Write Apis and create views for sign in for frontend
- Integrate OMDB apis with backend
- Set up jetty server
- Create Movie Details Api

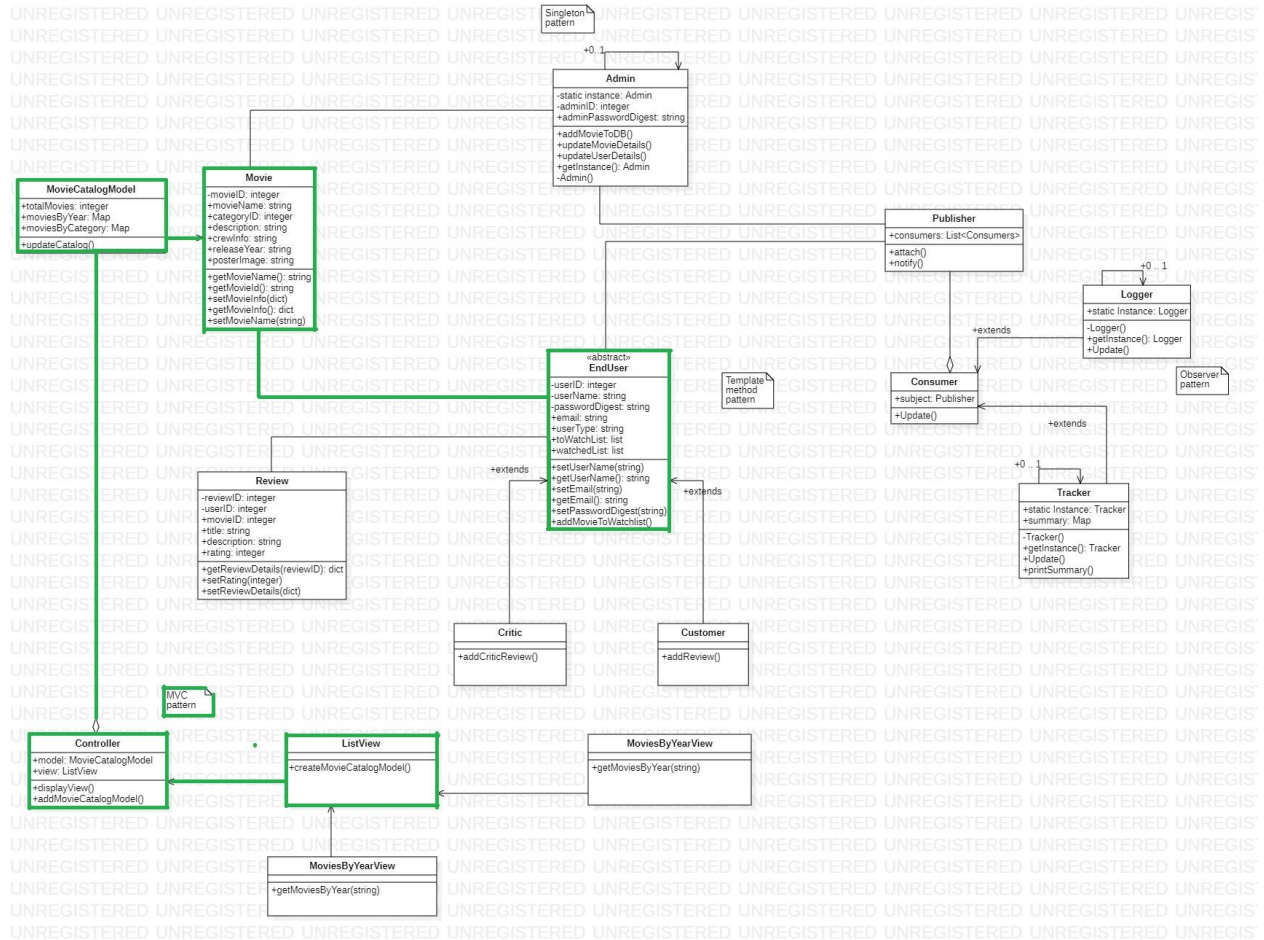
- Changes or Issues Encountered:

- Secure storage of password using Hashing
- Backend and frontend Integration with json body

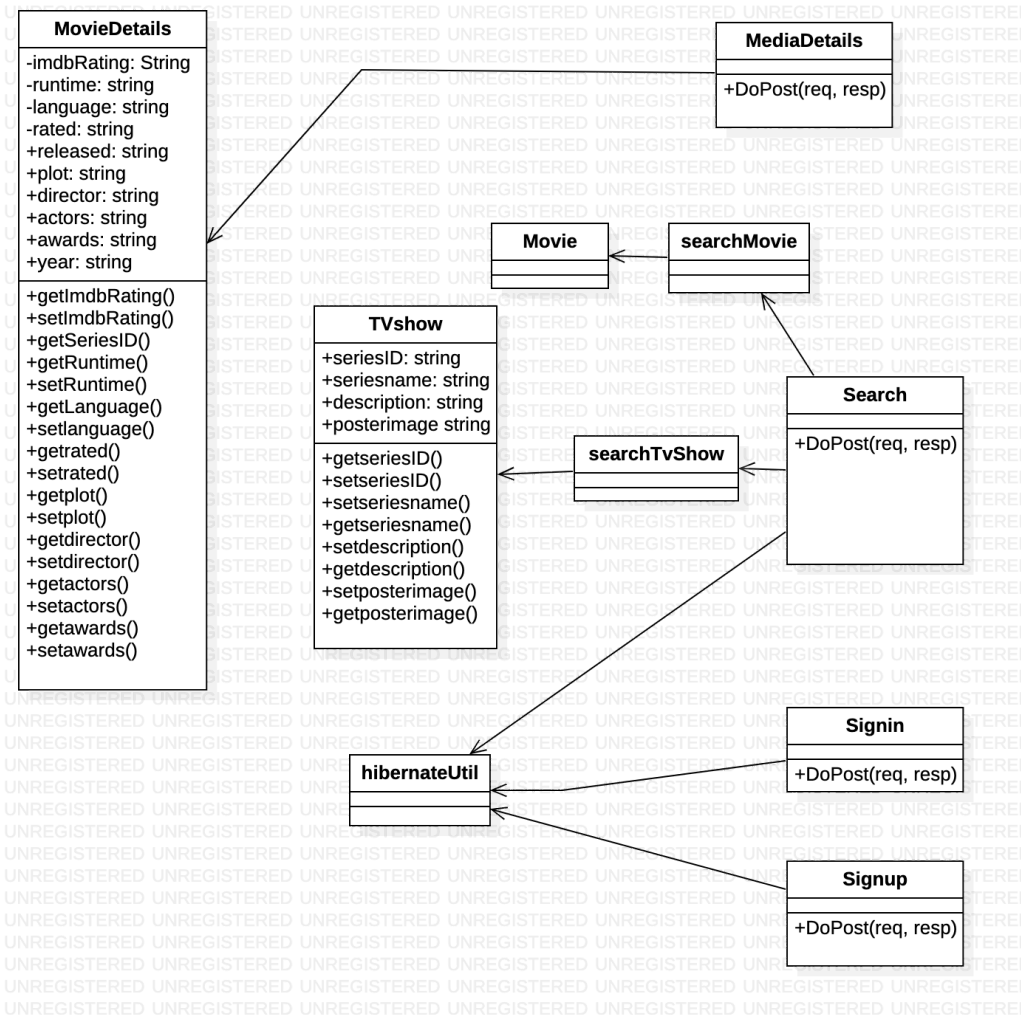
- Patterns: The user object will require us to add a template pattern, and we still need the observer and singleton patterns (singleton is useful for admin accounts). Our website follows the MVC pattern. The user sees a view, and uses

a controller that changes the database (the model), which then updates the view. Patterns have been useful to our project so far.

## Class Diagram



New classes created to add more functionality and for Http apis



## Plan for Next Iteration

- Create and update watch list for Users
- Add Movie reviews option for Users
- Average Rating of a movie
- Improve logging and implement observer pattern
- Secure the application by removing sensitive information
- Add admin account
- Add navbar and UI enhancements