**Assignment2 Web Programming**

**Section303**

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**Group18**

**Documentation**

Diagram

Description automatically generated**Part I: Web map**

**Part II: Design &Functionality Guide**

Our website is named “Movie Station” which is oriented to people of different generations. It’s quite like the combination of Netflix and Bilibili which you can easily find out all types of movies you might love to watch. We mainly use HTML, CSS, Javascript, and PHP to build our project.

On the home page, there is Home, About Us, Subscribe/Login, Edit Users, and Searching bar on the main page toolbar. Also as you can see there are types of popular TV shows, popular movies, coming soon, etc that you can choose for. Once you click the movies which you are quite interested in, it will link to youtube sources. About US button will guide you directly to the bottom of the home page, providing you with the information of Group 18 and the statement of “Images and trailers from "bilibili.com", "joblo.com" and "Youtube", used for this assignment only”. On the Subscribe/Login page, no matter you are a new or existing user, you can easily sign-up and login. The new user must provide the correct format of email address and password with at least 6 characters and letters at least one upper case and lower case. The password confirmation also requires you re-type the same password that you enter. Once successfully signed up, the user information will be saved in backend database and the user can use the information to login at any time. Last but not the least, searching bar can easily approach the types of comedy, family or TV shows by the filter.

All pictures for the movies/ TV shows are right reserved and not for business use.

**Part III: Description of database**

Our database contains one table named “Users”. This table contains 4 columns, ID, Login, Password, and Email. ID is an auto increment primary key that assigns a user ID to each new login created. Login stores the user’s login username. Password stores the user’s login password. Email stores the user’s email address.

**Part IV: Web Server Configuration Diagram**

