

UECS2094 WEB APPLICATION DEVELOPMENT

ASSIGNMENT (15%)

RELEASE: FRIDAY, JANUARY 26, 2018 (WEEK 2)

DUE: FRIDAY, APRIL 6, 2017 (WEEK 12)

Membership:

This assignment is an **individual** assignment.

Outcomes:

1. Build dynamic web pages using event-driven client-side scripts.
2. Develop server-side and database-driven web applications using web application framework.
3. Use dependency managers to manage web application dependencies in web application development.

Question:

AAA Movie Library is a store which rents out videos to its members. It is located in Kuala Lumpur. The store's success is due to the good service it provides to its members and the wide and varied stock of videos available for rent. The store is having difficulties in managing the increasing amount of data used and generated. It can't cope with its own success. It now offers a larger selection of videos to a growing number of members, which means that the level of service it provides is falling. A system that will speed up the way they work, i.e. something to automate a lot of the day-to-day tasks that seem to take forever to complete is needed.

The aim of this project is to develop a database application that will help solve the increasing problems of data management.

At the front-end, customers can browse the list of movies; grouped by *genres, title and year*. Selecting a movie will display the *titles, year, genres*, image of the movies *and synopsis of movies*.

At the back-end, the management maintains the movie directory. The management may perform create, update and delete list of movies. The management uses a single login username and password to access the back-end. Multiple users are NOT required.

Build a web application for the movie directory above. The following technical requirements **MUST** be fulfilled:

- i. A database table named **movie** with the required attributes must be used to store data about movie.
- ii. Use of either *session* or *cookie* for user authentication at the back-end.
- iii. Client-side validation using JavaScript is required for the back-end interface to validate input.

Deliverables:

1. Hardcopy printouts of the following code:
 - a. All PHP code.
 - b. JavaScript code used for input validation.
2. Hardcopy printouts of sample output.
3. Complete softcopy of your application.

Submission and Plagiarism Policies:

1. All assignments are due on
 - a. Date : **Friday, April 6, 2018**
 - b. Time: **before 12pm.**
2. All work must be original and if, taken from any works other than yours must be properly referenced.

Marks Allocation:

Criteria	Marks Allotted
Database Table (correct attributes and data type used)	5
Front-end functionalities	15
User authentication	5
Back-end CRUD operations (server-side)	15
Client-side validation using JavaScript	20
TOTAL	60