

IT/CS Department
School of Accountancy, Management, Computing and Information Studies
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IT324L Web Systems and Technologies Laboratory
Final Project#1

Project #1:

Develop a front-end/client-side web application (*use JavaScript*) that would display a list of movies and TV series. The list should show a detail (i.e. movie title, year released, description, movie genre, director, and actors) of the movie/series.

The web application should have the minimum requirements:

- View list of movies/series
- Filter
- Search
- Watch the trailer
- Add to Watchlist
- Login
- Share

Required API's:

- IMDB
- YouTube

Project #2:

Develop a web application using the following programming languages and minimum requirements.

Choose two unique programming languages from the following:

- Php
- Java
- Node.js

The two unique programming languages will be utilized for the modules of the web application. One for the client-side and the other for the server-side. These two modules will be using a common database.

Note: Groups must use domain names in their codes. (*No embedding of IP address/es*)

Minimum requirements:

Client:

- Signup/ Login
- View available services
- Book service
- Cancel services
- Sorting
- Searching
- Filtering
- Payment

Server-side:

- Signup/ Login
- Register services
- Accept/ reject requests
- View logs

1. Tutorial

Client

- Signup/ Login
- View available subjects/teachers/schedules/tutorial fee
- Book tutorial
- Cancel tutorial
- Sorting
- Searching
- Filtering
- Payment

Tutorial

- Signup/ Login
- Register specialized subject/s/ schedule
- Accept/ reject requests
- View logs

2. Bus reservation

Passenger

- Signup/Login
- View bus lines/routes/schedules/fare
- Book a seat
- Cancel booking
- Sorting
- Searching
- Filtering
- Payment

Buss co

- Signup/Login
- Register bus lines/ routes/schedule
- Accept/reject chance passengers
- View logs

3. Spa-salon

Client

-Signup/Login

-View services offered/prices/schedules/masseur/masseuse

-Book a spa-salon services

-Cancel booking

-Sorting

-Searching

-Filtering

-Payment

Spa-salon

-Signup/Login

-Register services/schedules/prices/masseur/masseuse

-Accept/reject requests

-View logs

Laboratory set-up:

- Servers for JAVA and PHP are already available/installed.

- Version of Node installed is 6.9.3 but there are newer versions already released
(you might want to consider)

- Other application/ tools needed that are not available in the laboratory should be installed.
(always have a copy of the installer with you)