DSA5101

Project 2 Implementation of a Webpage for Movie Theatres

Subject Deadline: 21 Oct. 2022

1. Description

Use Django web-programming framework to implement a web server on the local host that serves the following two user requests.
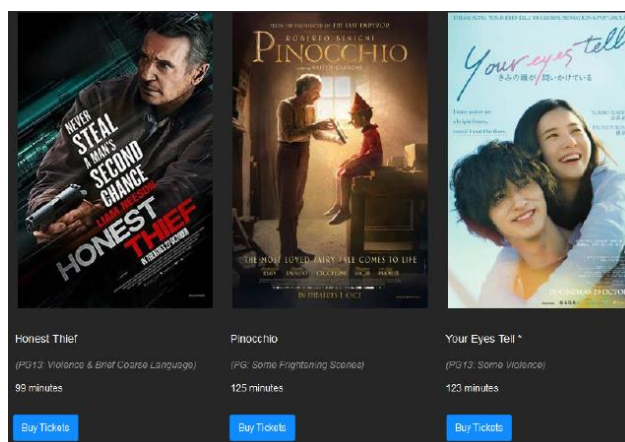
a) Url of the first request is "http://127.0.0.1:8080/about-us".   The server responses to this request by displaying a webpage containing the following message:

> **About us**
>
> We offer a range of training services and products, including
> - Customized training for playing basketball,
> - Training for origami design,
> - Rent movies and TV-drama series.

b) Url of the second request is " http://127.0.0.1:8080/about-us/movies". The server replies this request by replying a back-end webpage that gives the poster, name, duration and grade (e.g, PG13, Adult) for each movie, as shown below.

The webpage is supported by a database which allows to add and delete a movie from the webpage. Posters' URL can be taken from the website of a cinema in Singapore.

2. Assessment

Students can form a group of up to four classmates to work on the project. Student should demonstrate that the server functions as specified in Part 1 during project presentation.

The project presentation will be conducted on zoom and will be scheduled in Week 11. Details for presentation schedule will be announced later.