WT COURSE PROJECT

MOVIE RECOMMENDATION

A Project Report in partial fulfillment of the degree

Bachelor of Technology

in

Computer Science & Engineering

By

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that the Project Report entitled "Movie Recommendation" is a record of bonafide work carried out by the student(s) S.Shiva Keerthi bearing Roll No(s) 19K41A05B1 during the academic year 2020-21 in partial fulfillment of the award of the degree of *Bachelor of Technology* in **Computer Science & Engineering** by the Jawaharlal Nehru Technological University, Hyderabad.

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Supervisor

Abstract

A movie recommendation is important in our social life due to its strength in providing enhanced entertainment. Such a project can suggest a set of movies to users based on their interest and based on the mood. The main objective of the project is to recommend the movies according to type of movies the user wants to watch. Whenever we are stressed we usually watch movies. But sometimes we don't understand what movies shall we watch. So, this project recommends the movies that the user can watch based on the mood.

Table of Contents

Need of the project

This application recommends the type of movie that the user can watch based on the mood. We generally watch movies casually but we can use this application to recommend the movies based on the mood.

Technologies used

- HTML
  - It stands for Hyper Text Markup Language.
  - HTML is the standard markup language for Web pages.
  - With HTML we can create our own websites.
  - HTML is easy to learn.
  - Tags and attributes are the basic of HTML.
  - Tags are used to mark up the start of an HTML element and they are usually enclosed in angle brackets. An example of a tag is: <h1>.
  - Most tags must be opened <h1> and closed </h1> in order to function.
  - Attributes contain additional pieces of information. Attributes take the form of an opening tag and additional info is placed inside.
- CSS
  - It stands for Cascading Style Sheet.
  - CSS is the language we use to style an HTML document.
  - CSS describes how HTML elements should be displayed.
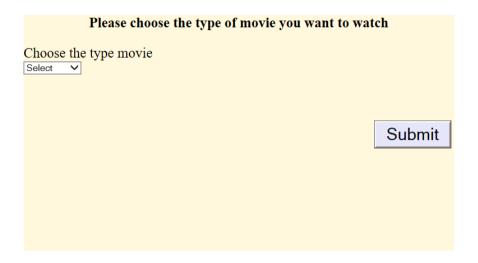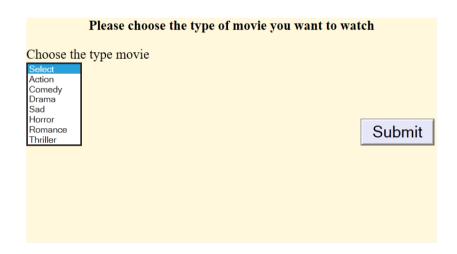- JDBC
  - It stands for Java Database Connectivity.
  - JDBC is a Java API to connect and execute the query with the database.
  - It is a part of JavaSE(Java Standard Edition).
  - JDBC API uses JDBC drivers to connect with the database.
  - There are four types of JDBC drivers:
    1. JDBC-ODBC Bridge Driver
    2. JDBC Native Driver
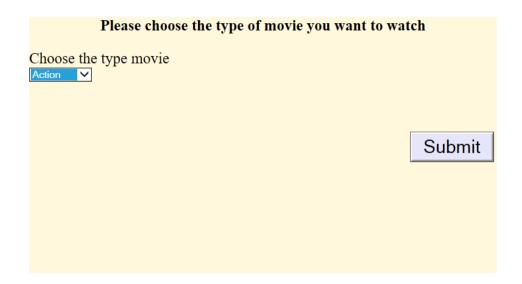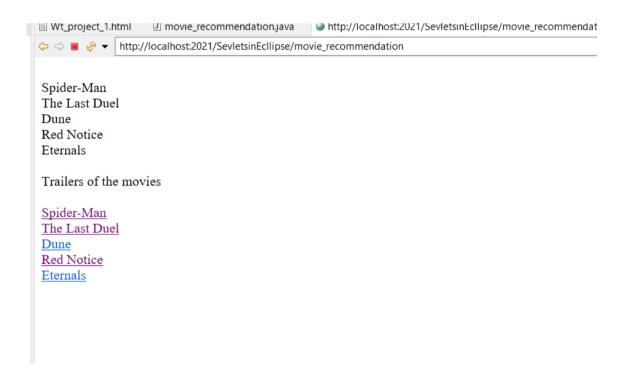   3. JDBC-Net Pure Java
    4. 100% Pure Java
- Servlets
  - Servlet technology is used to create a web application
  - Servlet is an API that provides many interfaces and classes including documentation.
  - Servlet is an interface that must be implemented for creating any Servlet.
  - Servlet is a class that extends the capabilities of the servers and responds to the incoming requests. It can respond to any requests.
  - Servlet is a web component that is deployed on the server to create a dynamic web page.

Expected screens or output

Please choose the type of movie you want to watch

Choose the type movie

Select ⌄   Submit

Please choose the type of movie you want to watch

Choose the type movie

Select
Action
Comedy
Drama
Sad
Horror
Romance
Thriller

Submit

Please choose the type of movie you want to watch

Choose the type movie

Action ▼

Submit

Wt_project_1.html 📄 movie_recommendation.java 🌐 http://localhost:2021/SevletsinEcllipse/movie_recommendat

⇦ ⇨ ■ 🔗 ▼ http://localhost:2021/SevletsinEcllipse/movie_recommendation

Spider-Man
The Last Duel
Dune
Red Notice
Eternals

Trailers of the movies

Spider-Man
The Last Duel
Dune
Red Notice
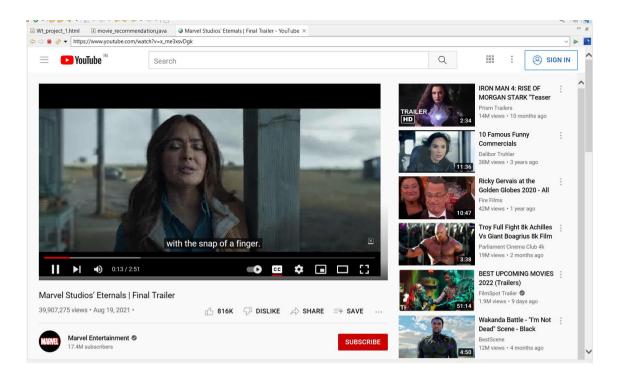Eternals

Conclusion

In Conclusion, a web application is developed to recommend the movies to a user based on the mood and interest. We have also added the trailers for the list of movies based on the users interest they can watch them or else they can skip them directly after watching the trailer.