



Department of Computer Science & Engineering

UE17CS355 - Web Tech II Laboratory

Project Evaluation

Project Title : Online Movie Ticket Booking System
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Project Description

People like to go to the movies, and watch their favourite films, with friends, family, and their loved ones. However, nobody wants to stand in lines, like the old days, and book tickets for everyone.

- Our project, makes it feasible for cinema goers to book tickets at the comfort of their own homes, without having to go through the trouble of going out, and queueing up at the ticket counters.
- Our project, the online movie ticket booking system, works very similar to the popular website, www.bookmyshow.in. It facilitates the movie ticket booking, for the users, and has a chatbot which helps in suggesting/recommending the movies according to what the user prefers.
- There are two sides to the web application : the admin side and the user side.
 - The admin is responsible for changing the show timings of different movies, and adding or removing movies as per their release dates.
 - The user can log in to their account on the web portal, and book movies, as per their choice.



Technologies Used

The technologies used by us in developing this web application are :

1. Front End Technologies :
 - a. HTML
 - b. Frameworks like AngularJS
 - c. AJAX
 - d. Materialize for CSS
 - e. JQUERY
 - f. JavaScript
 - g. Bootstrap
2. Back End Technologies :
 - a. PHP
 - b. MySQL
 - c. Flask



Techniques Implemented

The techniques implemented here are :

- REST APIs for booking of tickets, listing of the show timings, details of movies like actors, release dates, closing dates, etc.
- AJAX design patterns such as Submission Throttling : for auto suggestion of movies when searching for a movie in the search box.
- Captcha when user registration happens on the movie ticket booking system portal, to check for robots registering.
- Basic HTML techniques along with PHP, and MySQL database, to store user details, movie details and movie show timings.



Intelligent Functionality

The intelligent functionality that we have implemented here is the movie chatbot. We use Google's DialogFlow API and use it to create the chatbot, which interacts with the user, and gives him movie recommendations based on the genre he or she chooses.

An access token is generated, which helps in communicating using the chatbot. This functionality is an implementation of Artificial Intelligence, where the bot can interact with the registered users, like a normal human being. However, only a certain number of questions can be asked to the bot, which is a disadvantage in general, but the chatbot, as per our project, is trained to answer the movies related questions, which works to our benefit.



Thank You

