Web programming fall 2018  
PROJECT PROPOSAL

Advanced International Movie Database (AIMDB)

# Overview

The objective of this project is to create a website related to movies including cast, makers, characters, biographies, plot, summaries, trivia and reviews. Users will be able to interface with the system via Web Page while connected to the Internet. The system will provide communication to a centralized SQL Server database system. Following is a list of functionalities we have come up for our database system which we’ll be adding more functionalities to if we like, as we progress.

# User Classes

There will primarily be one user class:

## Regular User

The regular users of the website can access all the information but do not have the power to update any of the data.

# FUNCTIONALITIES

1. Signup

The users can register for an account for free.

1. Signin

The users can login to keep track of their progress using their credentials.

1. Delete Account

The users can choose to delete their account from our website.

1. Rate Movie

The users can rate the movies according to their own liking and disliking.

1. Review Movie

The users can share the reviews for movies according to their own taste.

1. Favorite

The users can favorite the movies, directors, and actors. Every single entity will hold a favorite counter, giving the number of people that have favorite it.

1. Watch list

The users can keep a track of the movies they’ve watched already or plan to watch later by adding them to their very own private watch list.

1. Search

The users can search for the movies, directors, and actors, with the help of different filters if they like.

1. Most Popular Movie

The users will be shown on the homepage the most favorited movies.

1. Most Popular Actor

The users will be shown on the homepage the leading actors of the most favorited movies.

1. Email Notification on Signup

The user will receive an email notification when he registers a new account on the website.

1. Email Notification on Delete Account

The user will receive an email notification when he deletes his user account on the website.

1. Responsive Layout

The website layout will be responsive to all common device sizes.

1. Interactive Design

The website will be using various animations and effects to make it aesthetically pleasant and user friendly.

# GROUP MEMBERS

|  |  |  |
| --- | --- | --- |
| Name | Title | Section |
| Neha Akram | 15-4136 | B |
| Alizeh Asim | 15-4256 | B |
| Muhammad Ali | 15-4313 | B |