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101927-003

<Online Movie Database System>

Project Analysis Document

Version <1.0>

Revision History

Date	Version	Description	Author
18/03/2011	<1.0>	This document describes Entity Relationship Model and functionalities that we will be implementing.	Hammad-ur-rehman

Definitions of Terms, Acronyms and Abbreviations

Term	Description
ER Model	Entity-Relationship Model
OMDB	Online Movie Database

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1. Introduction

This document describes ER data model and functionality that we will be implementing and scope of this Project.

1.1. Purpose

The purpose of this document is to explain the functionalities of this project, flow of the project so that lab instructor can understand how much user would have access to database.

1.2. Project Overview

We can support various functionalities such as find movies with specific playing times; find movies directed by a given director. User's profile will be saved in database and the movies they like and based on their liking movies will be recommended to them. User can find highest rated movies of all time of the movies currently present in database.

People who are movie lovers and spend a lot of time in watching movies, through our online movie database system can search movies of their taste, their favourite actors/actresses and directors. Based on their liking movies of same type and genres will be recommended to them.

Viewers can give their own reviews. So we will have to update review section of database.

User can rate a movie out of 10. Based on user rating average rating of movie will be calculated.

User can also search top 10 highly rated movies of all time.

1.3. Scope

Every user will be registered before its entry is made to user table. Every user will be given a user id and a password in order to see over website. User can search movies with specific playing times, find movies directed by a given director, search movies of specific genre and search movies of particular actor/actress.

User can search movies with combination of director name and genre or director name and release date and vice versa. User can rate a movie out of 10. Based on user rating average rating of movie will be calculated.

User will be able to see movies between <rating/10> and <rating/10>.

User will be able to see 10 highest rated movies of all time which are currently present in database system.

Administrator can create a poll to nominate movies for OMDB award of highest rating for particular user and based on votes given by users an award will be given to movie which has got highest votes.

1.4. Definition, Acronyms and Abbreviations

1: *Open Movie Database* (OMDB)