

**AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH**

**Department of Computer Science**

Final Term Project Proposal, Fall 2020-21

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| Course | OBJECT ORIENTED PROGRAMMING 2 | Section | I |

**Group Members: 12**

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Title

**FilmoTech (Digital Film Library Management System)**

Objectives

In this project, we are going to develop a Digital Film Library Management System with the help of object oriented programming language – C# (windows form application) framework. The Main Purpose for developing this Digital Film Library Management System is to manage all the information about Film/Movie, Latest Movie, Movie Language, Genre, Movie List etc. It tracks all the details of Movie type, Downloads and Uploads information. We are going to develop all type of CRUD (Create, Read, Update and Delete) operations of the Movie we provide for the users.

Basically, this system contains list of all Movies and can be accessed by remote users concurrently from anywhere. But for that users must be registered user. This system provides separate interface and login for Remote Users, Admins. System Admin can modify database.

Users can search for Movies and also can recommend for new Movies by just sending Request through the system. They can view the Movie list, then choose anyone to download it or watch online. This system generates reports that can be used in analyzing the film library performance. In FilmoTech, the management can take appropriate steps to improve the facilities.

Scope

The film library system to keep detail records of both film/movie and the users. The system will be mainly design to manage all the information about Film/Movie. The system will have the ability to generate the movies people wants to watch and their feedback.

**Modules** ofDigital Film Library Management System

* Login: In this module we can enter to the system by filling the username and password.
* Registration: This module contains biodata of the users to create an account to the system.
* Download: In this module we can do Search operations.
* Uploads: In this module we can do Create operations.
* Movie Manager: It is developed for managing the movie library. In this module we can do Edit & Delete operations.
* Movie Request: This module manages the Movie by sending and receiving request.

Proposed System

The FilmoTech (Digital Film Library Management System) is a software application which avoids more manual hour in purchasing a CD/DVD from shop or buying movie tickets to watch any movie from cinema hall. Maintaining of user/customer details is complex in manual system in terms of agreements and activities. So, this can be very easier to handle a user in a software system like *FilmoTech.* So how to handle each record easily in FilmoTech?

* Easy search of Movies in the Digital Film library.
* Keep tracks of user info and Purchase Subscription or Download Movies.
* Avoid the manual work.
* User need not go to the cinema theatre or any CD shop for purchase any kind of Movie Tickets or DVD, He/She can watch any movie from online.

**Advantages:**

* It provides “better and efficient” service to the Users.
* Provide facilities in time, money and physical movement.
* Faster retrieval of information about any Movie.
* All details will be available on a click.

Functional Requirement

The Functional requirements for the systems are given below:

* Only authentic user must have the access to the system.
* Search for any movie from database.
* Upload new movie to the database.
* Edit & Delete any movie from database.
* Detailed information of any types of movies.
* Send request for any movies to the database.

System Features

Our system contain 2 types of users; 🡪Admin 🡪User (Member)

**ADMIN:**

Admin can perform the following activities,

* Login
* Upload Movies List
* Update Movies List
* Delete any Movie from the List
* View Movie Requests.
* View all user details.
* Logout

**USER (Member):**

User can perform the following activities,

* Create new Account
* Login
* View Movie details
* Search for Movies
* View Movies or Download
* Send Movie Requests.
* Logout

References

* <https://www.kashipara.com/project/c-net/2181/>
* <https://www.daitm.org.in/wp-content/uploads/2019/04/>
* <https://www.youtube.com/watch?v=97ta0YYT6Zs>