



the
UNIVERSITY
of
GREENWICH

COMP1108/COMP1181 – Project

Final Year Project Proposal

Title : Movie Rental Website

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Title:

Video Rental Website

Aim:

To implement a website which is able to do CRUD functions about users, movies, rentals, membership packages, and notification for the physical store owner. Other than that, user is able to use that website to create an account and look for the latest products or check their movie rented history from the store and increase sales and profitability for the physical store owner.

Introduction

WatchMe is an old movie renting physical store based in Malaysia. It sells or rents out copies of all types of genre such as horror, comedy, action, science fiction, crime film, documentary, drama, romance, thriller and more. Currently, WatchMe serves walk-in customers and online customers. The physical store is currently using paper documentation to manage their business.

In this modern day, with more and more of its competitors switching into online platform such as Netflix, WatchMe is losing most of their existing customer and potential customer because nowadays most of the customer prefer to rent and watch movies online or expect certain company to offer and provide installation for online movie watching device into their home. For the owner of movie renting physical store, they are facing with limited incomes because they are only able to serve certain geographical areas customers and it will cost a lot for them to set up new outlets in other geographical areas to generate incomes.

This project about website enable the users to register as a member and select a membership package to enjoy different benefits by purchasing it using online payment methods. The users are able to search for the movie they like and rent it to watch online for a period or the user can look for a movie they want then comes to the physical store to rent a copy of it. This offer a better service for customer to rent certain movies without the needs of walk-in to the physical store and rent it. Besides, when the latest products of movies has arrived in the store, registered users will be able to receive a notification about the latest products after the owner of the store added them to the website. There will also be an enquiry form for the users to provide feedbacks to the owner.

For the owner, the owner is able to use the website to register new users and manage their users. The owner can perform CRUD functions for users, movies, memberships and rental. The movies will be categorized by genre to provide their users to search easily.

Problem Statement

Currently WatchMe is only able to provide services to certain geographical area walk-in customers and this situation is going to have a huge impact on their business by losing existing or potential customer to their competitors and they are also having the needs for a website to manage their business.

Key Phrases

Watch movie online, movie renting, online movie store, Genre, online marketing.

Objectives

- i. To provide simple registration process for customer

Activities

- To conduct findings on short registration

Deliverables

- To develop a simple and short registration for customer to sign up

- ii. To provide admins controls to organize movies

Activities

- To conduct finding on data tables

Deliverables

- To develop a data table that consist of CRUD functions

- iii. To provide users with selection of several membership packages

Activities

- To conduct finding on benefits given from membership packages

Deliverables

- To develop several membership packages with benefits for users

- iv. To provide a secure payment gateway for the user

Activities

- To conduct findings on payment method

Deliverables

- To develop a payment method for the user

- v. To make user and owner renting the movies more convenient.

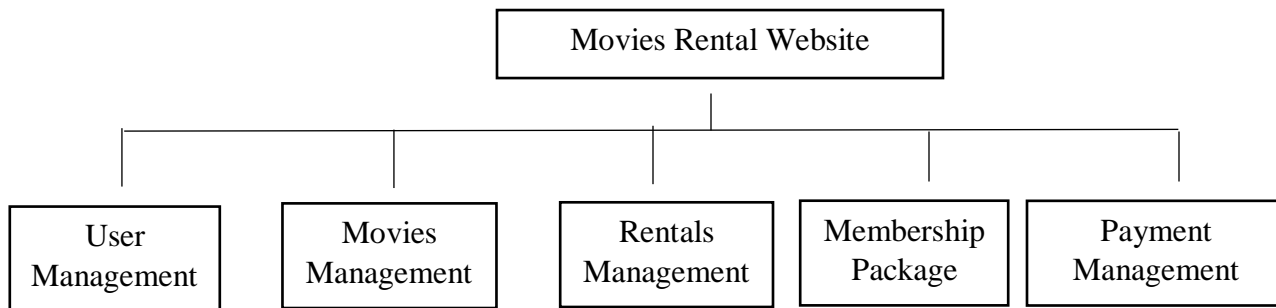
Activities:

- To conduct finding on how renting is designed

Deliverables:

- To implement a well-structured renting management that will hold all the necessary information.

Functional Requirements



Module 1: User Management

a) Functionalities for admin:

- Create new user
- Edit user
- Delete user
- Search user
- View customer information

b) Functionalities for users:

- Registration
- Edit personal information
- Facebook login

c) Common functionalities for all:

- Log in
- Change password
- Log out

Module 2: Movies Management

a) Functionalities for admin:

- Add new movies
- Edit movies
- Delete movies
- Add genre

- Edit genre
- Delete genre

b) Common functionalities for all:

- View movies and genre
- Search movies and genre
- Notification for new products

Module 3: Rental Management

a) Functionalities for user:

- Create rental
- Use online payment method
- Make online payment
- Notification for rental made

b) Common functionalities:

- Create rental
- View order details
- Edit order details
- Cancel order details
- Check payment status
- View rental history

Module 4: Membership Package

a) Functionalities for user:

- Select membership package
- View membership package benefits

b) Functionalities for admin:

- Add new membership package
- Edit membership package
- Delete membership package
- Generate report

Module 5: Payment Management

a) Functionalities for user:

- Use online payment method to pay

- Make online payment
- b) Functionalities for admin:
- Generate sales report

Required Resources

1. Development:
 - Desktop or notebook with Intel Core i7 processor, 8GB RAM, 100GB HDD space, Windows 10
 - C# ASP.NET (Visual Studio), HTML, CSS, Javascript, SQL Server
 - Access to libraries/internet
2. Implementation:
 - Intel Xeon Server with Windows Server, IIS and Microsoft SQL Server.
 - Access to the internet

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