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## **Abstract**

The Ropdy DVD system is a DVD management system. It is written in the C# programming language for the ASP.NET framework. Visual Studio integrated environment is used to create the system. It is a popular IDE for developing web apps that use the HTTP protocol to run in debugging mode. The system is being built by a five-person team with various work divisions. Each member oversaw a different aspect of the system. The system allows administrators and users to manage DVDs, loans, memberships, actor categories, and age restrictions.



## 1. Introduction

### 1. Introduction

The application is designed and developed implementing a DVD rental management feature for a rental shop in ASP.NET using Visual Studio 2019. .NET is a free, open source, cross-platform developer platform that can be used to create a wide range of applications. C# is a general purpose, object-oriented programming language developed by Microsoft with .NET initiative. (TutorialsPoint, 2019) C-sharp programming language is based on C and C++ programming languages. C# is one of the flexible programming language with higher scopes that allows mobile application development, game development and enterprise software. (codeacademy, 2018)

The application developed is a web application created using ASP.NET framework. The mentioned application allows users to insert, view and delete customers, book DVD's, quantity, price, and all other related attributes.

## 1.1. Functions and features of application

### 1.1.1. For admin

- Login
- Dashboard
- Add User
- Manage User
- Add Actor
- Mange Actor
- Add DVDCategory
- Add DVDTITLE
- Add Member Category'
- Add Studio
- Add Loan Type
- Add DVDCopy
- Add Member
- Manage all staff Details (Staff/members login details)
- Add/update/delete details
- Logout of the system

### 1.1.2. Form Staff Users

- Login
- Dashboard
- Add User
- Manage User
- Add Actor
- Mange Actor
- Add DVDCategory
- Add DVDTITLE
- Add MemberCategory'
- Add Studio
- Add Loan Type
- Add DVDCopy
- Add Member
- Add/update/delete details
- Logout of the system

### 1.1.3. Extra Features

## 2. Manual to run the Application

### 2.1. Login page for staff

This page helps to log in the staff in the system

Step1: click the drop-down button

Step2: select staff option

Step3: insert the valid username and password

Step4: click login button

### 2.2. Login Page for Admin

This page helps to log in the admin in the system

Step1: click the drop-down button

Step2: select Admin option

Step3: insert the valid username and password

Step4: click login button

### 2.3. Home Page of the Application

The relevant UI dashboard page is the first page a user sees when logging in. The user kinds are used to filter the system. An extra feature page for admin users allows them to add and manage users. However, by clicking on the corresponding icon buttons on the dashboard page, any user can view, and control add DVD title, DVD category, age restriction, DVD loan, DVD copy, membership, and other items that have been in the system's inventory.

### 3. Architecture of the system

#### 3.1. Software Architectural Diagram

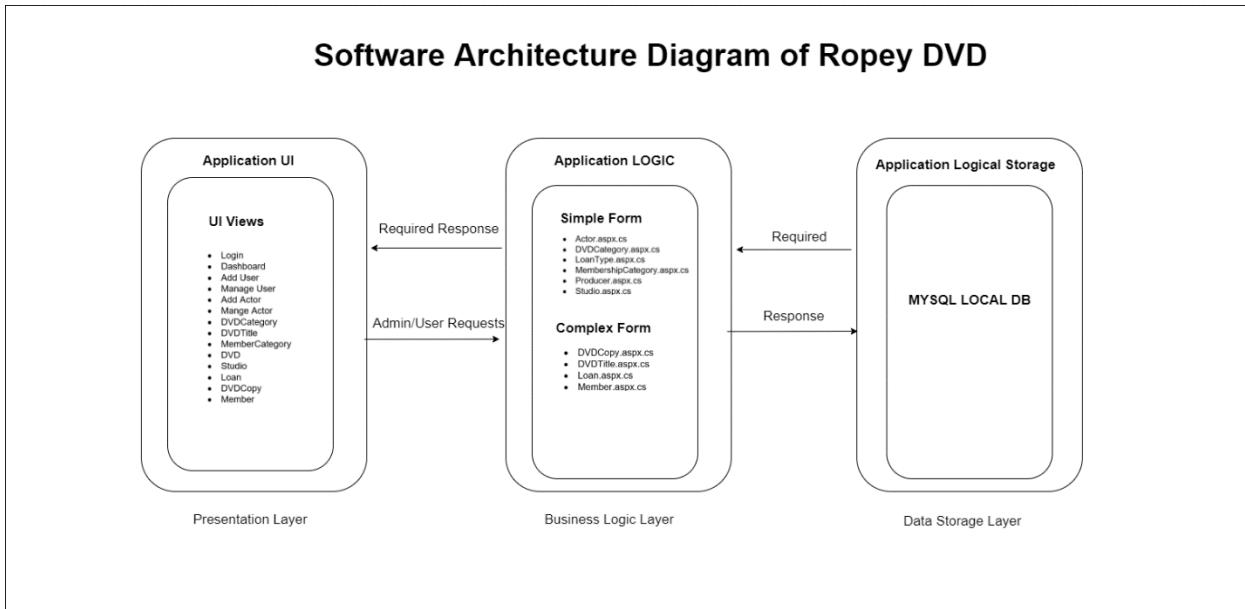


Figure 1: Software architecture Diagram of Ropey

### 3.2. Entity Relational Diagram

### 3.3. Class Diagram

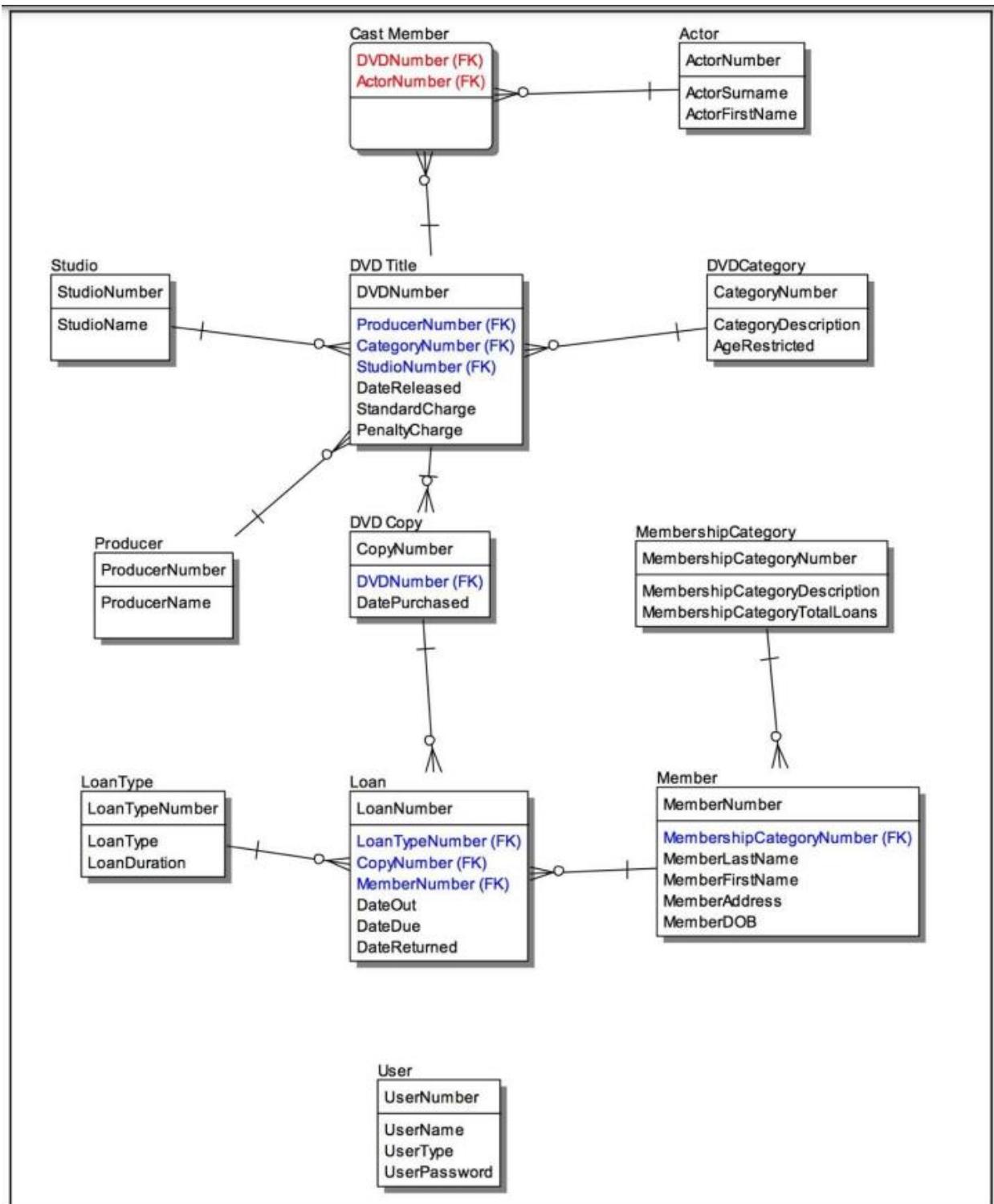


Figure 2: initial ERD

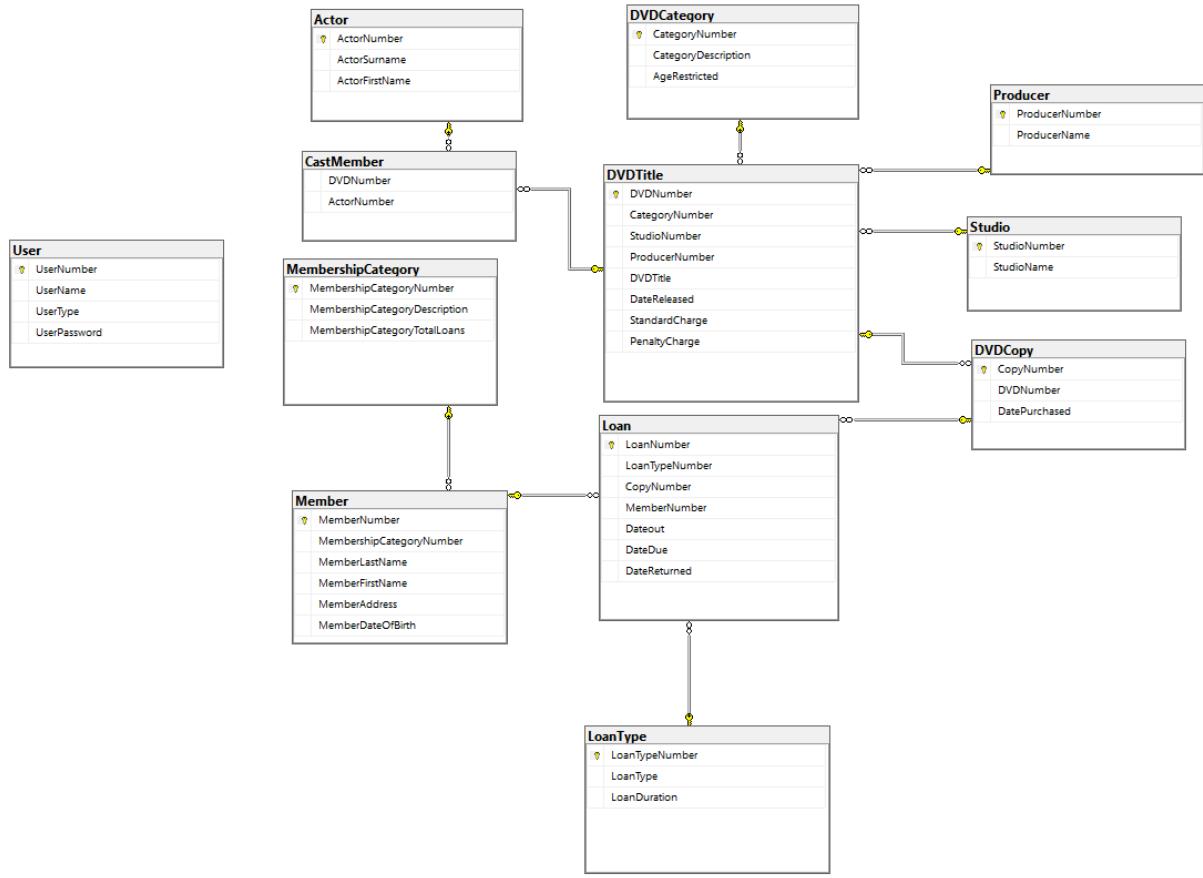


Figure 3: Final ERD

## 4. Description of the Methods and Classes

### 4.1. Method Description

#### 5.1 Actor

Method Name	Method Description
AddActor()	This method helps to insert the details of the Actor.
DeleteActor()	This method is used to delete the details of the Actor.

GetActor()	This method is triggered while clicking the edit button to load the exact details of the Actor to update its details.
UpdateActor()	This method is used to update the details of the Actor only after the edit button is clicked.

*Table 1: Actor Method Description*

## 5.2 CastMember

Method Name	Method Description
AddMember ()	This method helps to insert the details of the Member.
DeleteMember()	This method is used to delete the details of the Member.
GetMember()	This method is triggered while clicking the edit button to load the exact details of the Member to update its details.
UpdateMember()	This method is used to update the details of the Member only after the edit button is clicked.

*Table 2: castMember Method Description*

## 5.3 DVDTITLE

Method Name	Method Description
AddDVDTITLE ()	This method helps to insert the details of the DVDTITLE.
DeleteDVDTITLE()	This method is used to delete the details of the DVDTITLE.
GetDVDTITLE()	This method is triggered while clicking the edit button to load the exact details of the DVDTITLE to update its details.

UpdateDVDTITLE()	This method is used to update the details of the DVDTITLE only after the edit button is clicked.
------------------	--

*Table 3: DVDTITLE Method Description*

## 5.4 DVDCategory

Method Name	Method Description
AddDVDCategory ()	This method helps to insert the details of the DVDCategory.
DeleteDVDCategory()	This method is used to delete the details of the DVDCategory.
GetDVDCategory()	This method is triggered while clicking the edit button to load the exact details of the DVDCategory to update its details.
UpdateDVDCategory()	This method is used to update the details of the DVDCategory only after the edit button is clicked.

*Table 4: DVD Category Method Description*

## 5.5 Studio

Method Name	Method Description
AddStudio ()	This method helps to insert the details of the Studio.
DeleteStudio()	This method is used to delete the details of the Studio.
GetStudio()	This method is triggered while clicking the edit button to load the exact details of the Studio to update its details.
UpdateStudio()	This method is used to update the details of the Studio only after the edit button is clicked.

*Table 5: Studio Method Description*

## 5.6 Producer

Method Name	Method Description
AddProducer ()	This method helps to insert the details of the Producer.
DeleteProducer()	This method is used to delete the details of the Producer.
GetProducer()	This method is triggered while clicking the edit button to load the exact details of the Producer to update its details.
UpdateProducer()	This method is used to update the details of the Producer only after the edit button is clicked.

*Table 6: Producer Method Description*

## 5.7 Loan

Method Name	Method Description
AddLoan ()	This method helps to insert the details of the Loan.
DeleteLoan()	This method is used to delete the details of the Loan.
GetLoan()	This method is triggered while clicking the edit button to load the exact details of the Loan to update its details.
UpdateLoan()	This method is used to update the details of the Loan only after the edit button is clicked.

*Table 7: Loan Method Description*

## 5.8 DVDCopy

Method Name	Method Description
AddDVDCopy ()	This method helps to insert the details of the DVDCopy.
DeleteDVDCopy()	This method is used to delete the details of the DVDCopy.
GetDVDCopy()	This method is triggered while clicking the edit button to load the exact details of the DVDCopy to update its details.
UpdateDVDCopy()	This method is used to update the details of the DVDCopy only after the edit button is clicked.

Table 8: DVDCopy Method Description

## 5.9 MembershipCategory

Method Name	Method Description
AddMembershipCategory ()	This method helps to insert the details of the Membership Category.
DeleteMembershipCategory()	This method is used to delete the details of the Membership Category.
GetMembershipCategory()	This method is triggered while clicking the edit button to load the exact details of the Membership Category to update its details.
UpdateMembershipCategory()	This method is used to update the details of the Membership Category only after the edit button is clicked.

Table 9: Membership Category Method Description

## 5.10 LoanType

Method Name	Method Description
AddLoanType ()	This method helps to insert the details of the Loan Type.
DeleteLoanType()	This method is used to delete the details of the Loan Type.
GetLoanType()	This method is triggered while clicking the edit button to load the exact details of the Loan Type to update its details.
UpdateLoanType()	This method is used to update the details of the Loan Type only after the edit button is clicked.

Table 10: Loan Type Method Description

## 5.11 Member

Method Name	Method Description
AddMember ()	This method helps to insert the details of the Member.
DeleteMember()	This method is used to delete the details of the Member.
GetMember()	This method is triggered while clicking the edit button to load the exact details of the Member to update its details.
UpdateMember()	This method is used to update the details of the Member only after the edit button is clicked.

Table 11: Member Method Description

### 5.12 User

Method Name	Method Description
AddUser ()	This method helps to insert the details of the User.
DeleteUser()	This method is used to delete the details of the User.
GetUser()	This method is triggered while clicking the edit button to load the exact details of the User to update its details.
UpdateUser()	This method is used to update the details of the User only after the edit button is clicked.

Table 12: User Method Description

## 4.2. Class Description

### Class Description

Classes	Description
Actor	The purpose of this class is to store all the details of the Actor.
CastMember	The purpose of this class is to combine two tables with their primary key.
DVDTitle	This class is used to store the details of the DVD's
DVDCategory	This class is used to store the DVD's category and provide the age restriction.
DVDCopy	This class is used to store the date purchased and the number of the DVD's
MembershipCategory	This class is used to store all the details of the membership category.
LoanType	The purpose of this class is to store the details of the loan.
Member	This class helps to store the details of the members.
User	This class is used for storing the details of the user.
Studio	This class is used to store the details of the Studio.
Producer	This class is used to store the details of the Producer.
Loan	The purpose of this class is to store the details of the loan.

Figure 4: Class description

Actor

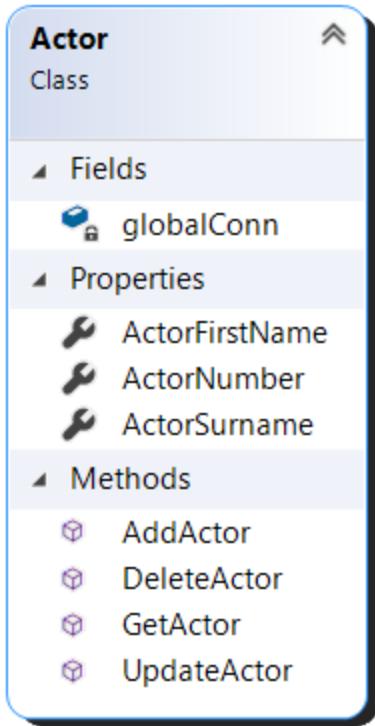


Figure 5: Actor Class Description

## Studio

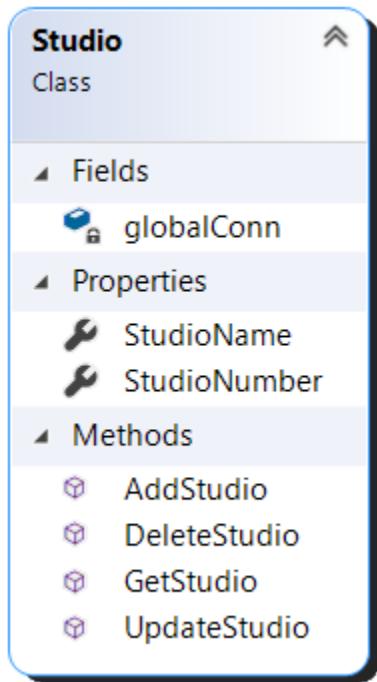


Figure 6: Studio Class Description

## Producer

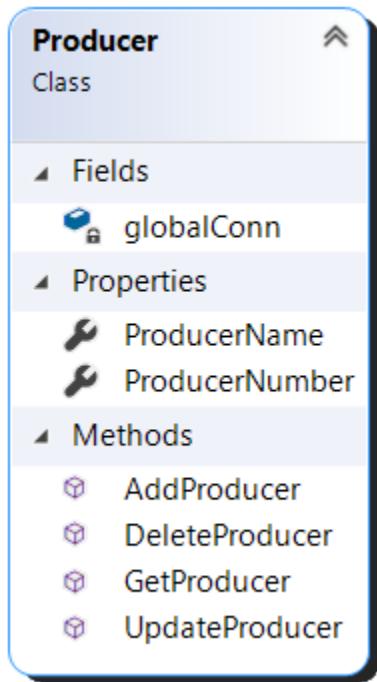


Figure 7: Producer Class Description

## DVDCategory

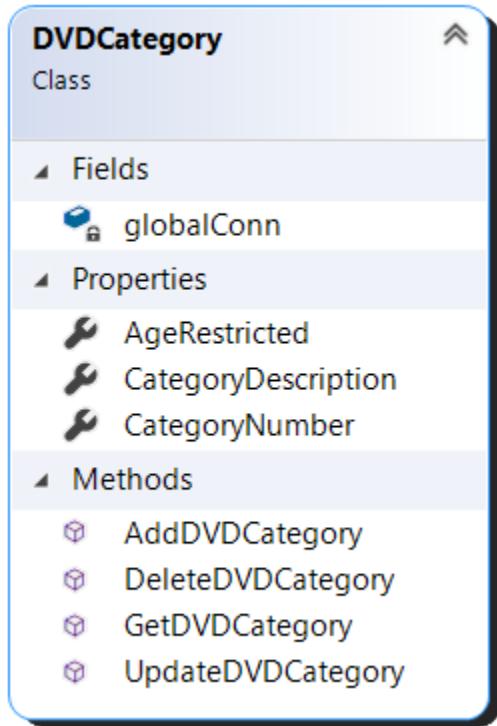


Figure 8: DVD Category Class Description

## CastMember

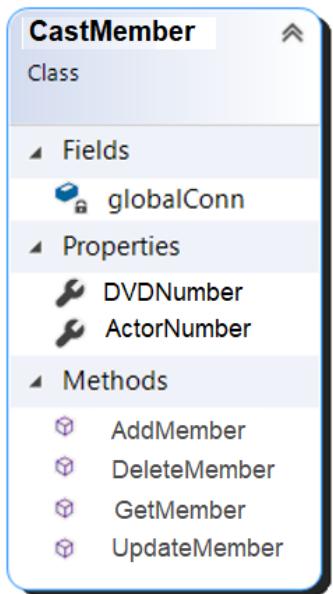


Figure 9: Cast Member Class Description

## LoanType

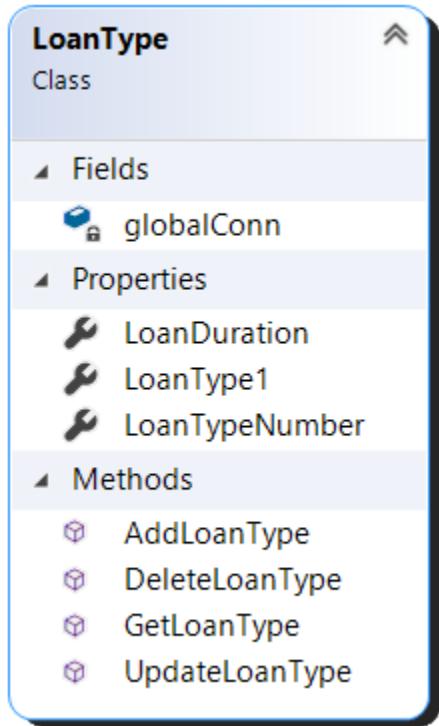


Figure 10: Loan Type Class Description

## MembershipCategory

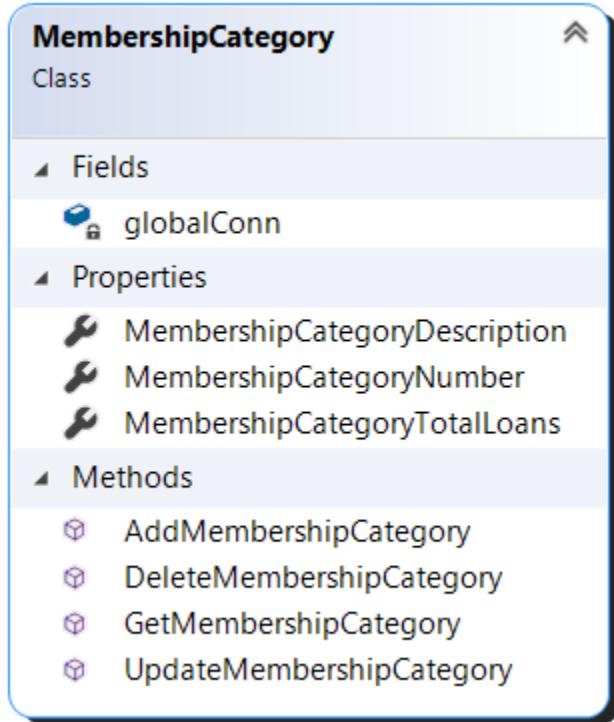


Figure 11: Membership Category Class Description

## User

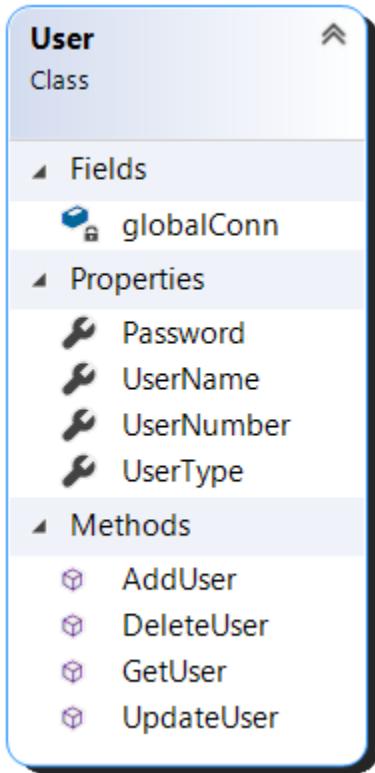


Figure 12: User Class Description

## Member

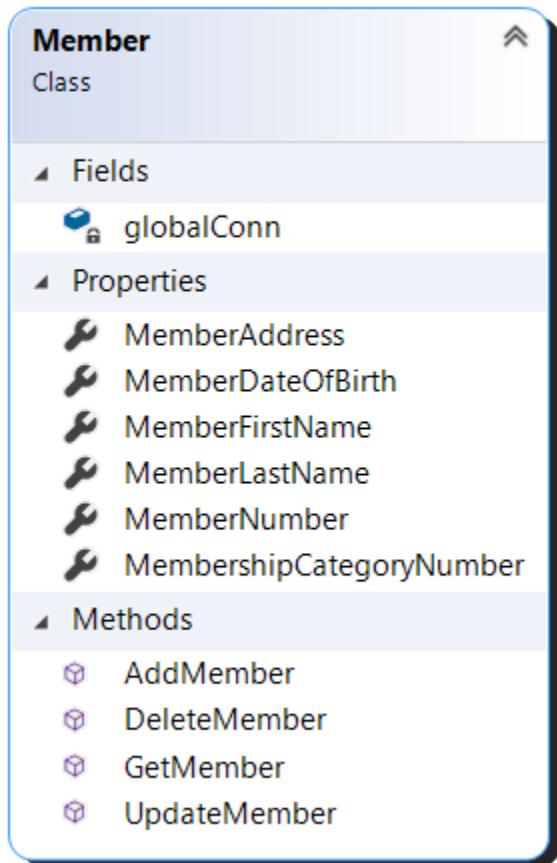


Figure 13: Member Class Description

## DVDTITLE

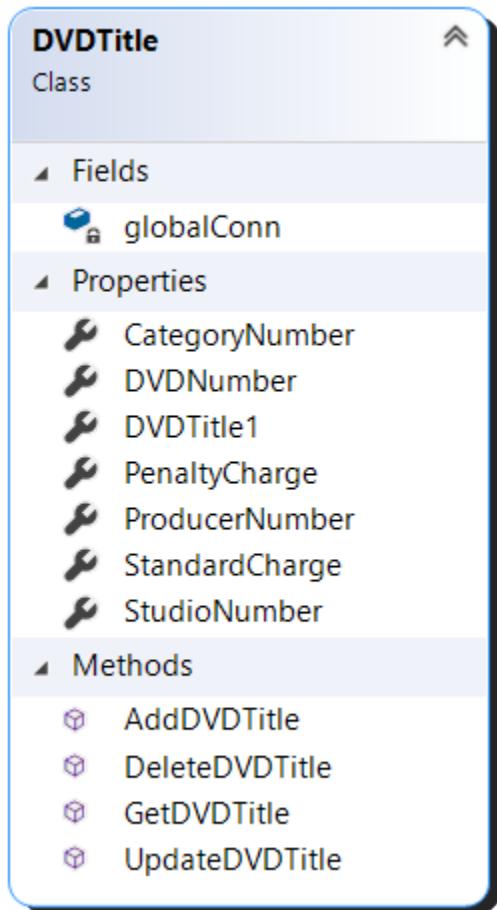


Figure 14: DVD Title Class Description

## DVDCopy

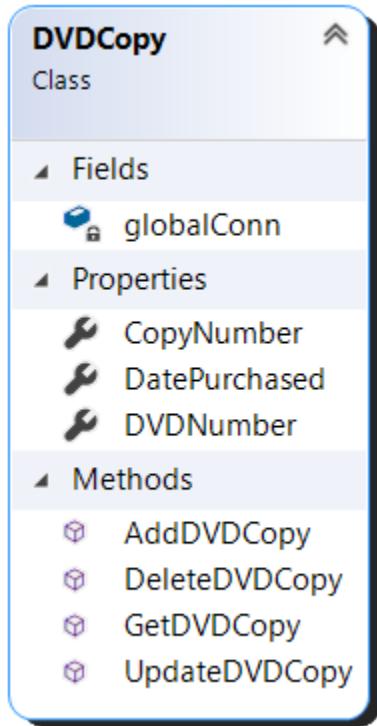


Figure 15: DVD Copy Class Description

## CastMember

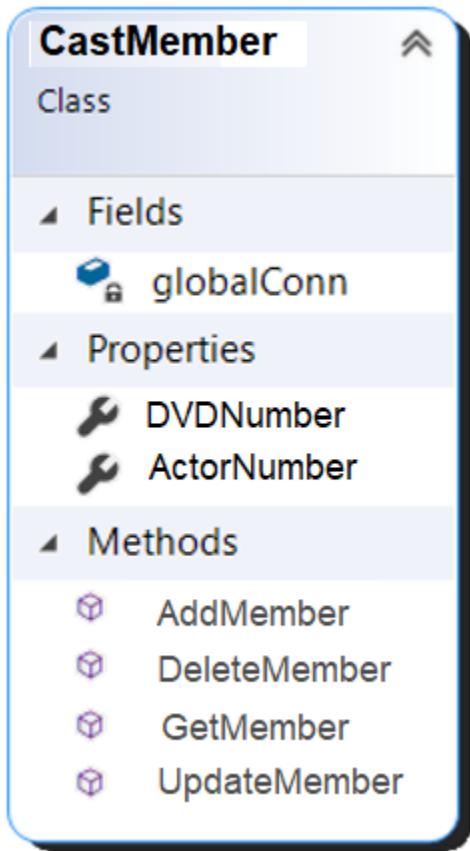


Figure 16: Cast Member Class Description

## Loan

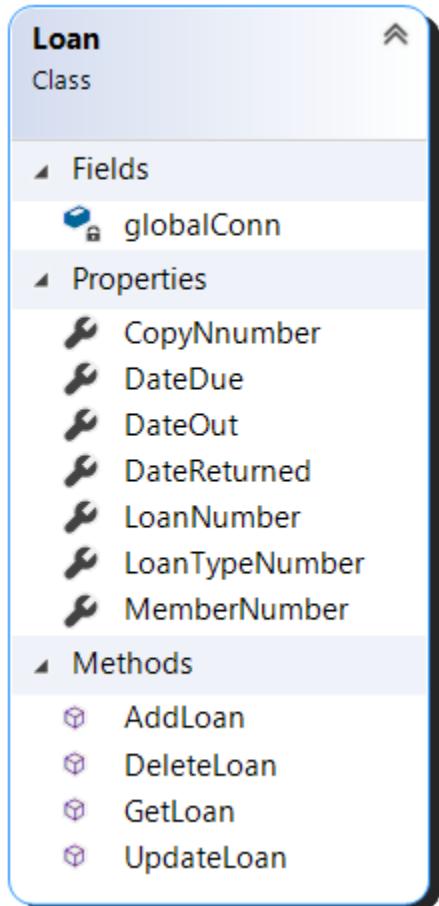


Figure 17: Loan Class Description

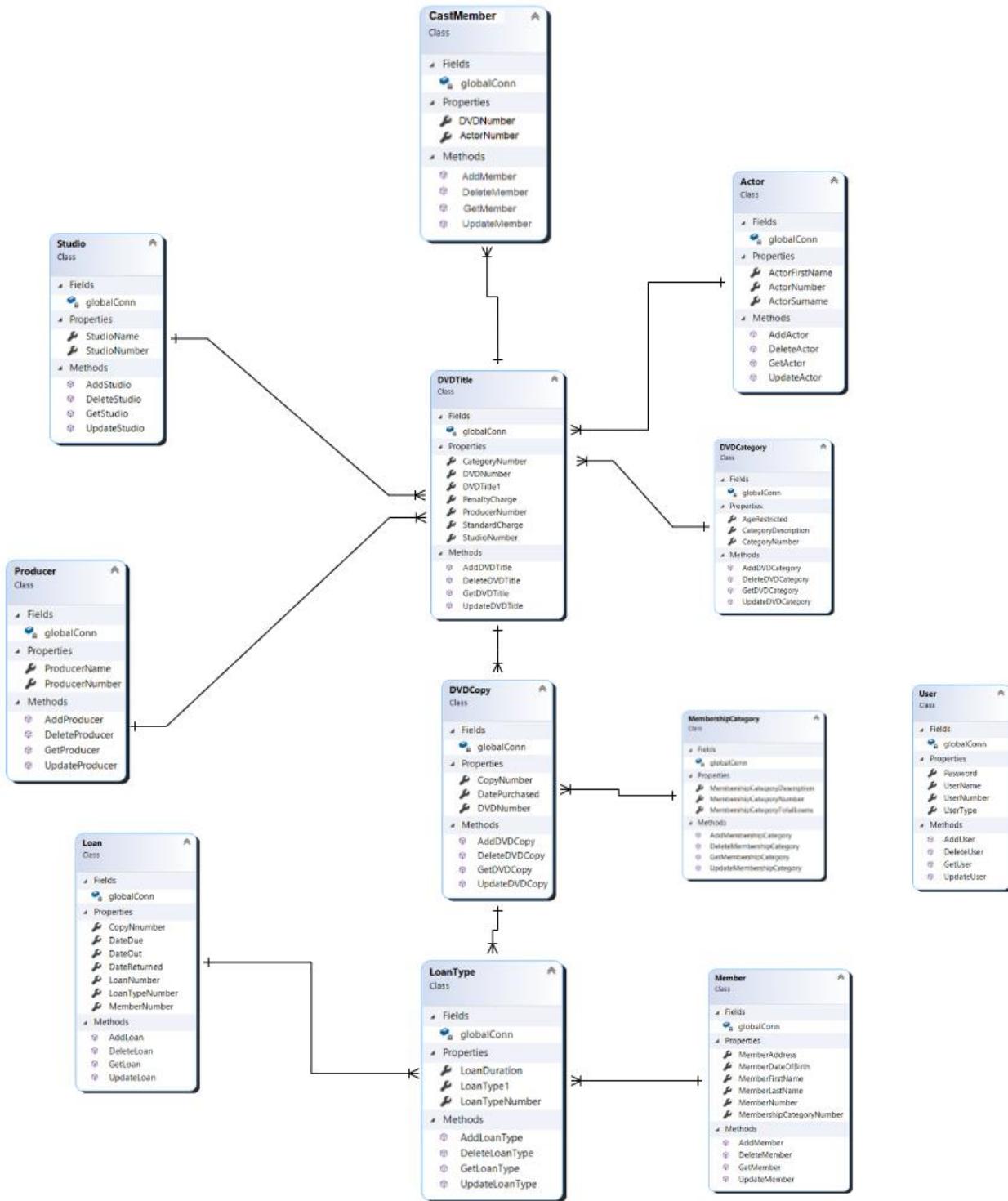


Figure 18: Class diagram of the System

## 5. Flow Chart

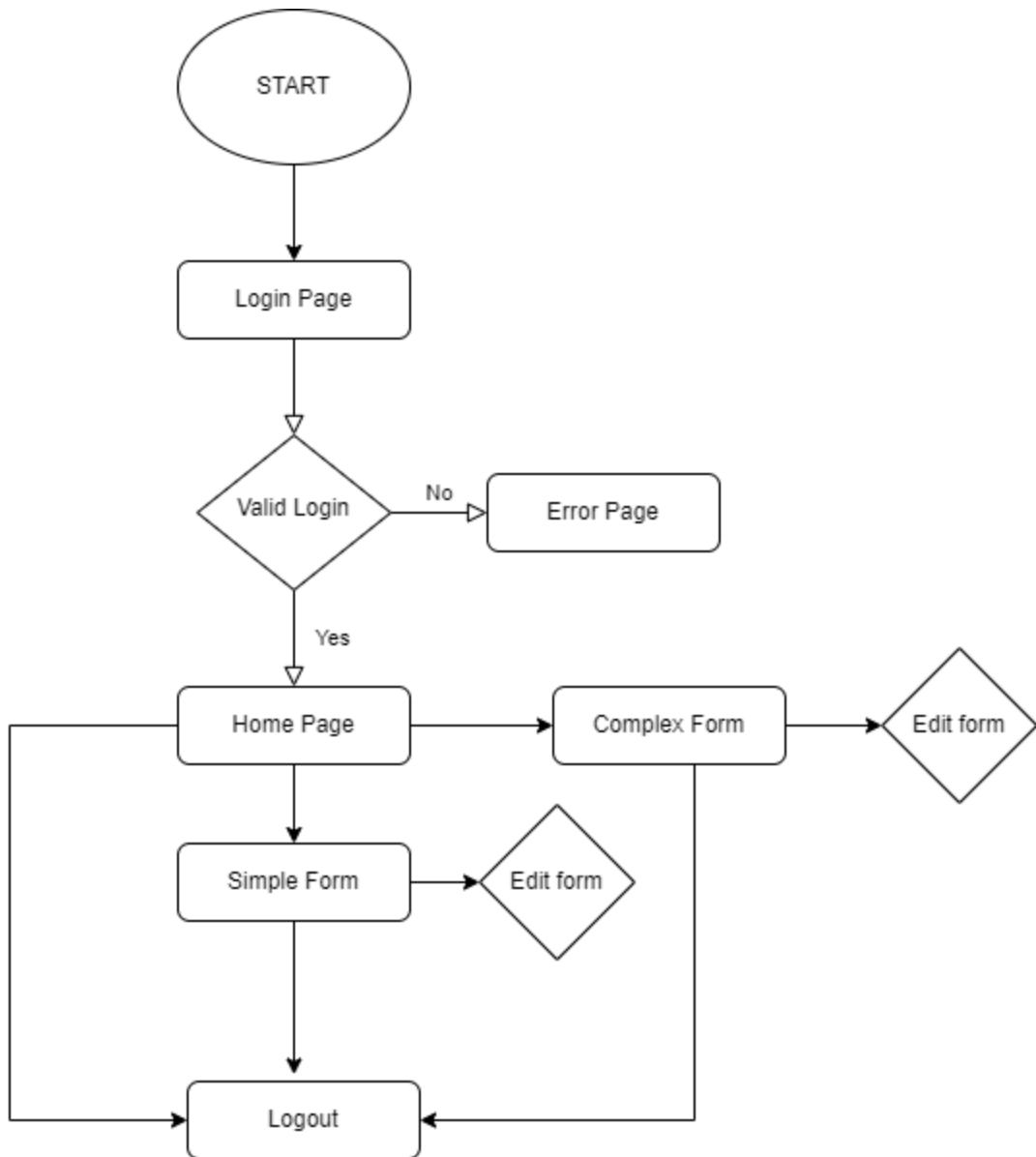


Figure 19: Flowchart of the system

## 6. Data Structures and Used Algorithm Description

### Algorithm to Login to the Application

Step 1: START

Step 2: Check Errors

Step 3: In case of errors direct to step 14 with error message

Step 4: Display Welcome Screen

Step 5: Display Login Screen

Step 6: Accept user Login

Step 7: Check user authentication

Step 8: If user is authenticated, go to step 9 else 10

Step 9: Get user type data, directing to step 11

Step 10: Go to step 4 displaying error

Step 11: If user is Admin, go to step 12 else step 13

Step 12: Display Home Page with Admin tab

Step 13: Display Home Page for normal users

Step 14: Stop

## **Algorithm to Logout of the Application**

Step 1: START

Step 2: Retrieve user action of Logout

Step 3: Check user confirmation

Step 4: Request server response

Step 5: If response stats 200 go to step 6 step 1

Step 6: Direct to welcome page

Step 7: Stop

## **7. Individual Reflection**

### **7.1. Hem Chandra Karki**

#### **Working on UI (Bootstrap Templates Implementation, Frontend Development)**

I mostly worked on the project's frontend development, therefore having a thorough understanding of its implementation was critical. For rendering the UI in the application, Bootstrap templates were employed in the ASP.net framework. Bootstrap models come in helpful while maintaining file structure with Asp.net. The use of bootstrap for development has benefited in the reliable development of web app UI, as well as the reuse and correctness of web app architecture. Along with UI design rendering, I also worked on customer queries for displaying filtered data, which was a coursework prerequisite.

#### **Working as a team (GitHub, Google Meet, Viber)**

All members of the group supported each other throughout the project's development. Through WhatsApp and Google Meet, we held regular online sessions about project development. For project safety and backup, all tasks were performed and committed to a GitHub private repository. The entire endeavor was meticulously planned and executed. With group discussion and proper web research, the challenges and problems identified

during feature development were resolved. Overall, working with such tremendously creative and helpful group members was a rewarding experience for me.

Overall, the project was a fantastic learning opportunity with a supportive team. The ASP.NET Framework and the C# programming language have been learned in depth. Communication, research, and other technical skills were all strengthened as the project progressed. The primary criteria for the coursework were completed by actively working on the building of a DVD store management system with all the group members.

## **7.2. Delish Khadka**

Regardless of how many manpower we had this coursework was tough and the time management and teamwork was very crucial for this one. Communication, research, and other technical skills were all strengthened as the project progressed. The primary criteria for the coursework were completed by actively working on the design of a DVD store management system with the group members. I was majorly involved in designing and research works.

### **User interface design (frontend — bootstrap templating):**

When working with ASP.NET, Bootstrap templates come in handy. The use of bootstrap for frontend development has benefited in the speedy development of web app UI, as well as the reuse and standardization of web app design.

Using Bootstrap, data rendering over UI has never been easier.

Overall, the project was a fantastic learning opportunity with a supportive team. The ASP.NET Framework and the C# programming language have been learned in depth. Communication, research, and other technical skills were all strengthened as the project progressed. The primary criteria for the coursework were completed by actively working on the building of a DVD store management system with all the group members.

### **Teamwork**

Throughout the project's development, all members of the group supported one another. We held regular online sessions about project development using WhatsApp and Google Meet. All tasks were completed and committed to a GitHub private repository for project

safety and backup. The whole thing was methodically planned and carried out. The obstacles and problems encountered during feature development were overcome through group discussion and thorough web investigation. Overall, it was a pleasant experience for me to work with such a creative and helpful bunch of people.

### **Overall experience**

Working with C# and the ASP.NET framework has been a rewarding experience. More than learning, the most valuable aspect of working on this project was the opportunity to work with a team in which collaboration, consistency, and support among team members proved to be the most important factors in the project's completion.

### **7.3. Ayush Mahatara**

This project was so much fun to work on, and it was unlike any other group project I had done before. Sure, there were a lot of project needs to meet, and most of them came with a learning curve. But, nonetheless, with ample study and references, I performed the work on time and with confidence.

Some of the tools and technologies explored in the development process were•

- Visual Studio 2019 (IDE)
- Bootstrap (Frontend UI)
- ASP.NET (C# Framework)
- GitHub  
(ForVersionControl)

With the completion of this project, the Visual Studio IDE seems a lot more familiar to me. The native controls of Visual Studio and its package manager & debugging logic were studied and understood. And since our team chose to work on ASP.NET along with ASP.NET framework.

### **Overall assessment**

Finally, during the study, students gained practical knowledge of the C# programming language and the ASP.NET framework. The needed system was successfully developed on schedule. This group coursework provided the best and most cooperative experience

in three years of coinage projects. For me, it was a fantastic learning and working experience. However, I believe we have a lot more opportunities to learn and gain development skills to improve the project's scope and features. Collaboration (GitHub, Google Meet):

The best aspect about working on this project is that it is a collaborative effort. It has been a lot of fun overcoming and learning from various hurdles and problems encountered while working.

#### **7.4. Manzil Katwal**

Overall, this project was a terrific learning experience with a helpful group. Working knowledge of the C# programming language and the ASP.NET Framework has been acquired. Throughout the project's growth, communication, research, and other technical skills were improved. Working actively on the construction of a DVD store management system with the group members met the key criteria for the coursework.

I further elaborate my learning experience throughout this project development below.

##### **Database (SQL)**

SQL management studio was utilized in the project for database integration. The implementation of the asp.net entity framework gave developer proper understanding regarding the data structural development from the base.

##### **Visual Studio 2019 IDE**

Visual Studio 2019 IDE was used to create the system. I was familiar with the IDE because I had previously used it for Application Development Coursework 1. Apart than that, I had prior experience with this IDE thanks to class assignments and tutorials.

##### **Working on the application's backend (ASP.NET)**

We decided to build a system using ASP.Net along with the .Net Framework, which was familiar to us. So, I performed some research and watched some tutorials on the framework on YouTube and LinkedIn, among other places. After learning how to use the asp.net framework, it was discovered that even though its less flexible and a bit time

consuming than other platforms and frameworks, its reliable and secure way and better for long term sustainability of the system.

### **Working with the user interface (frontend — bootstrap templating):**

Bootstrap templates are useful when utilizing with ASP.NET. Using bootstrap for frontend development has aided in the rapid development of web app UI and using templates has aided in the reuse and uniformity of web app design.

Data rendering over UI has never been this simple using Bootstrap.

Overall, the project was a terrific learning experience with a helpful group. Working knowledge of the C# programming language and the ASP.NET Framework has been acquired. Throughout the project's growth, communication, research, and other technical skills were improved. Working actively on the construction of a DVD store management system with all the group members met the key criteria for the coursework.

The following are further learning reflections for my project experience:

### **Database management (Microsoft SQL)**

SQL management studio was utilized in the project for database integration and creation. The implementation of the asp.net entity framework gave proper clarity about the whole database structural development.

## **7.5. Nischal Rai**

The assignment asked us to create a DVD store management system, and completing it gave us with an excellent opportunity to learn about the ASP.NET framework. The initial stage Because there was only basic prior knowledge of the ASP.NET foundation and very little knowledge of the C# language, the development was quite difficult.

I basically worked on the backend of the project. I played an active role in the database design process. I learned how to utilize the MSSQL Management Server and how to create and query a database in it because of this. Following that, I was responsible for handling HTTP requests. I learned how to handle requests and send the necessary data

to the rendered screen. I also learned how to link tables and filter data in the Vendor by constructing queries with WHERE and ORDER BY clauses. When attempting to use the POST method, numerous issues occurred.

Working on this project and with the other members of the group was a fantastic experience. Due to the active engagement and passion of the group members, the project was successfully completed with all the required features as well as some additional features such as toast messaging and edit item details. The completion of the project has allowed me to improve a variety of skills, including critical thinking, research, and debugging.

## 8. Testing

Test1: To check whether incomplete empty actor text box throws error or not

Objectives	To check whether incomplete empty actor text box throws error or not
Action	1. Visit the actor page click add button and leave both text area empty 2. this time fill up the first name but leave out the last name
Expected result	The system should successfully display error message
Actual result	Error messages were displayed
Conclusion	Test Successful

Table 13: To check whether incomplete empty actor text box throws error or not

## Add New Actor

The screenshot shows a simple form titled "Add New Actor". It contains two text input fields: "First Name" and "Last Name", both of which are currently empty. Below the inputs are three buttons: "ADD ACTOR", "UPDATE ACTOR", and "CLEAR". The buttons have a gradient background transitioning from yellow to cyan.

Figure 20: Add new actor form

## Add New Actor

The screenshot shows the same "Add New Actor" form as Figure 20, but with validation errors. The "First Name" field has a red border and the error message "First Name is required". The "Last Name" field also has a red border and the error message "Last Name is required". Below the form, a green success message box displays "Actor Successfully Deleted!!".

## Actor Details

Figure 21: Adding with empty text areas

## Add New Actor

Ayush

Last Name

**\*\*Last Name is required\*\***

ADD ACTOR    UPDATE ACTOR    CLEAR

Actor Successfully Deleted!!

## Actor Details

*Figure 22: Adding with first name*

Test1.1: To check whether valid data will be recorded by the system or not

Objectives	To check whether valid data will be recorded by the system or not
Action	1. Visit the actor page add the first name and last name
Expected result	The system should successfully add the actor to the system
Actual result	Actor is added
Conclusion	Test Successful

*Table 14: To check whether valid data will be recorded by the system or not*

## Add New Actor

A screenshot of a web-based application interface. At the top, there are two input fields: one for 'First Name' containing 'Ayush' and another for 'Last Name' containing 'Mahatara'. Below these fields are three rectangular buttons with rounded corners, each with a gradient from yellow to cyan: 'ADD ACTOR', 'UPDATE ACTOR', and 'CLEAR'. The background is white, and the overall design is clean and modern.

## Actor Details

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Figure 23: Adding new actor with valid data

## Add New Actor

A screenshot of a web-based application interface. It features two input fields: 'First Name' and 'Last Name', both currently empty. Below these are three buttons: 'ADD ACTOR', 'UPDATE ACTOR', and 'CLEAR'. Underneath the buttons, a green horizontal bar displays the message 'Actor Successfully Added!!'. The overall layout is simple and functional.

## Actor Details

S.N.	First Name	Last Name	
26	Ayush	Mahatara	<button>Edit</button> <button>Delete</button>

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Figure 24: New actor added with valid details

Test1.2: To check whether valid data will be updated by the system or not

Objectives	To check whether valid data will be updated by the system or not
Action	1. Visit the actor page update the first name and last name
Expected result	The system should successfully update the actor to the system

Actual result	Actor is updated
Conclusion	Test Successful

Table 15: To check whether valid data will be updated by the system or not

## Add New Actor

ADD ACTOR
UPDATE ACTOR
CLEAR

Figure 25: add new actor form

## Add New Actor

ADD ACTOR
UPDATE ACTOR
CLEAR

Actor Successfully Updated!!

## Actor Details

S.N.	First Name	Last Name	
26	Ayush	Mahatara	<a href="#" style="color: blue;">Edit</a> <a href="#" style="color: red;">Delete</a>

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Figure 26: editing the added actor details

## Add New Actor

The screenshot shows a form for adding a new actor. It has two input fields: 'First Name' containing 'Ayush' and 'Last Name' containing 'Rai'. Below the inputs are three buttons: 'ADD ACTOR' (yellow), 'UPDATE ACTOR' (cyan), and 'CLEAR' (yellow). A green success message at the bottom says 'Actor Successfully Updated!!'.

## Actor Details

S.N.	First Name	Last Name	
26	Ayush	Mahatara	<a href="#">Edit</a> <a href="#">Delete</a>

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Figure 27: changing the last name of the actor

## Add New Actor

The screenshot shows a form for adding a new actor. It has two input fields: 'First Name' and 'Last Name', both currently empty. Below the inputs are three buttons: 'ADD ACTOR' (yellow), 'UPDATE ACTOR' (cyan), and 'CLEAR' (yellow). A green success message at the bottom says 'Actor Successfully Updated!!'.

## Actor Details

S.N.	First Name	Last Name	
26	Ayush	Rai	<a href="#">Edit</a> <a href="#">Delete</a>

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Figure 28: User details updated

## Test1.3: To clear the data from the text area

Objectives	To clear the data from the text area
Action	<ol style="list-style-type: none"> <li>1. Visit the actor page fill the text are</li> <li>2. Click on the clear button</li> </ol>

Expected result	The system should successfully clear the actor details from the system
Actual result	Details cleared
Conclusion	Test Successful

Table 16: To clear the data from the text area

## Add New Actor

This screenshot shows the 'Add New Actor' form. At the top, there are two input fields: 'First Name' containing 'Delish' and 'Last Name' containing 'Khadka'. Below the inputs are three buttons: 'ADD ACTOR' (yellow), 'UPDATE ACTOR' (cyan), and 'CLEAR' (yellow). A green success message at the bottom states 'Actor Successfully Updated!!'.

## Actor Details

S.N.	First Name	Last Name	
26	Ayush	Rai	<a href="#">Edit</a> <a href="#">Delete</a>

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Figure 29: clearing the actor details

## Add New Actor

This screenshot shows the 'Add New Actor' form with both 'First Name' and 'Last Name' fields cleared, appearing as empty grey boxes. Below the inputs are three buttons: 'ADD ACTOR' (yellow), 'UPDATE ACTOR' (cyan), and 'CLEAR' (yellow). A green success message at the bottom states 'Actor Successfully Updated!!'.

## Actor Details

S.N.	First Name	Last Name	
26	Ayush	Rai	<a href="#">Edit</a> <a href="#">Delete</a>

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Figure 30: Actor details cleared

Test1.4: To check whether valid added data will be deleted by the system or not

Objectives	To check whether valid added data will be deleted by the system or not
Action	1. Visit the actor page click on the delete button
Expected result	The system should successfully delete the added actor details from the system
Actual result	Actor details are deleted
Conclusion	Test Successful

Table 17: To check whether valid added data will be deleted by the system or not

#### Add New Actor

A form for adding a new actor. It contains two input fields: 'First Name' and 'Last Name'. Below the fields are three buttons: 'ADD ACTOR' (yellow), 'UPDATE ACTOR' (cyan), and 'CLEAR' (yellow).

#### Actor Details

S.N.	First Name	Last Name	
27	Ayush	Mahatara	<button style="color: blue;">Edit</button> <button style="color: red;">Delete</button>
28	Delish	Khadka	<button style="color: blue;">Edit</button> <button style="color: red;">Delete</button>

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Figure 31: Actor details table

## Add New Actor

The screenshot shows the 'Actor Details' page with two input fields for 'First Name' and 'Last Name'. Below the fields are three buttons: 'ADD ACTOR', 'UPDATE ACTOR', and 'CLEAR'. A modal dialog box titled 'Delete Actor' is open, asking 'Are you Sure??' with 'Yes' and 'No' buttons. The main table lists two actors: Ayush (S.N. 27) and Delish (S.N. 28). Each row has 'Edit' and 'Delete' buttons.

S.N.	First Name	Last Name	
27	Ayush	Mahatara	<button>Edit</button> <button>Delete</button>
28	Delish	Khadka	<button>Edit</button> <button>Delete</button>

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Figure 32: Deleting actor from actor details table

## Add New Actor

The screenshot shows the 'Actor Details' page with the same layout as Figure 32. The table now only contains one row for actor Ayush (S.N. 27). The 'Delete' button for Ayush is visible.

S.N.	First Name	Last Name	
27	Ayush	Mahatara	<button>Edit</button> <button>Delete</button>

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Figure 33: Actor details deleted

Test2: To check whether incomplete empty actor text box throws error or not in loan page

Objectives	To check whether incomplete empty actor text box throws error or not
Action	<ol style="list-style-type: none"> <li>Visit the loan type page and leave both area empty, click on add button.</li> <li>Visit the loan type page add the loan type and leave the duration area empty</li> </ol>

Expected result	The system should throw error message in both scenario
Actual result	Error message was displayed
Conclusion	Test Successful

Table 18: To check whether incomplete empty actor text box throws error or not in loan page

### Add New Loan Type

Type

Duration

ADD LOANTYPE    UPDATE LOANTYPE    CLEAR

### Loan Type Details

S.N.	Type	Duration	
1	Short term	10	Edit Delete
4	long	20	Edit Delete

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Figure 34: Adding Loan Type

### Add New Loan Type

Type

\*\*Type is required\*\*

Duration

\*\*Duration is required\*\*

ADD LOANTYPE    UPDATE LOANTYPE    CLEAR

### Loan Type Details

S.N.	Type	Duration	
1	Short term	10	Edit Delete
4	long	20	Edit Delete

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Figure 35: Error message displayed

## Add New Loan Type

Mid

Duration

\*\*Duration is required\*\*

ADD LOANTYPE    UPDATE LOANTYPE    CLEAR

## Loan Type Details

S.N.	Type	Duration	
1	Short term	10	<button>Edit</button> <button>Delete</button>
4	long	20	<button>Edit</button> <button>Delete</button>

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Figure 36: Error message displayed

Test2.1: To check whether valid data will be recorded by the system or not

Objectives	To check whether valid data will be recorded by the system or not
Action	1. Visit the loan type page add the loan type and duration
Expected result	The system should successfully add the new loan type to the system
Actual result	Loan type is added
Conclusion	Test Successful

Table 19: To check whether valid data will be recorded by the system or not

## Add New Loan Type

Mid

15

ADD LOANTYPE    UPDATE LOANTYPE    CLEAR

## Loan Type Details

S.N.	Type	Duration	
1	Short term	10	<button>Edit</button> <button>Delete</button>
4	long	20	<button>Edit</button> <button>Delete</button>

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Figure 37: Adding valid loan type details

## Add New Loan Type

Type

Duration

ADD LOANTYPE    UPDATE LOANTYPE    CLEAR

DVD Category Successfully Added!!

## Loan Type Details

S.N.	Type	Duration	
1	Short term	10	<button>Edit</button> <button>Delete</button>
4	long	20	<button>Edit</button> <button>Delete</button>
7	Mid	15	<button>Edit</button> <button>Delete</button>

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Figure 38: New loan type added

Test2.2: To check whether valid data will be updated by the system or not

Objectives	To check whether valid data will be updated by the system or not
Action	1. Visit the loan type page update the loan type and duration details clicking on the edit button.

Expected result	The system should successfully update the loan type of the system
Actual result	Loan type is updated
Conclusion	Test Successful

Table 20: To check whether valid data will be updated by the system or not

### Add New Loan Type

Type

Duration

ADD LOANTYPE    UPDATE LOANTYPE    CLEAR

### Loan Type Details

S.N.	Type	Duration	
1	Short term	10	Edit Delete
4	long	20	Edit Delete
7	Mid	15	Edit Delete

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Figure 39: Displaying added loan types

### Add New Loan Type

Mid

15

ADD LOANTYPE    UPDATE LOANTYPE    CLEAR

### Loan Type Details

S.N.	Type	Duration	
1	Short term	10	Edit Delete
4	long	20	Edit Delete
7	Mid	15	Edit Delete

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Figure 40: Editing Loan types details

## Add New Loan Type

Mid term

15

ADD LOANTYPE    UPDATE LOANTYPE    CLEAR

## Loan Type Details

S.N.	Type	Duration	
1	Short term	10	Edit Delete
4	long	20	Edit Delete
7	Mid	15	Edit Delete

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Figure 41: Changing the loan type details

## Add New Loan Type

Type

Duration

ADD LOANTYPE    UPDATE LOANTYPE    CLEAR

DVD Category Successfully Updated!!

## Loan Type Details

S.N.	Type	Duration	
1	Short term	10	Edit Delete
4	long	20	Edit Delete
7	Mid term	15	Edit Delete

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Figure 42: Loan type details updated

Test2.3: To check whether valid added data will be deleted by the system or not

Objectives	To check whether valid added data will be deleted by the system or not
Action	1. Visit the actor page click on the delete button

Expected result	The system should successfully delete the loan type details from the system
Actual result	Loan type if deleted
Conclusion	Test Successful

Table 21: To check whether valid added data will be deleted by the system or not

### Add New Loan Type

### Loan Type Details

S.N.	Type	Duration	
1	Short term	10	<button>Edit</button> <button>Delete</button>
4	long	20	<button>Edit</button> <button>Delete</button>
7	Mid term	15	<button>Edit</button> <button>Delete</button>

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Figure 43: Displayed loan type details in table

### Add New Loan Type

S.N.	Type	Duration	
1	Short term	10	<button>Edit</button> <button>Delete</button>
4	long	20	<button>Edit</button> <button>Delete</button>
7	Mid term	15	<button>Edit</button> <button>Delete</button>

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Figure 44: Deleting loan type details

## Add New Loan Type

Type

Duration

ADD LOANTYPE    UPDATE LOANTYPE    CLEAR

## Loan Type Details

S.N.	Type	Duration	
1	Short term	10	<button>Edit</button> <button>Delete</button>
4	long	20	<button>Edit</button> <button>Delete</button>

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Figure 45: Loan type details deleted

Test3: To check whether incomplete empty DVD category text box throws error or not

Objectives	To check whether incomplete empty actor text box throws error or not
Action	1. Visit the actor page click add button and leave both area empty 2. Visit the actor page add the DVD details and leave Age restriction area empty
Expected result	The system should throw error message in both scenario
Actual result	Error message was displayed
Conclusion	Test Successful

Table 22: To check whether incomplete empty DVD category text box throws error or not

## Add New DVD Category

Category Description

-- Select Age Restriction --

**ADD DVDCATEGORY**    **UPDATE DVDCATEGORY**    **CLEAR**

## DVD Category Details

S.N.	Description	Age Restricted	
1	Action and Thriller	1	<b>Edit</b> <b>Delete</b>
5	Horror	1	<b>Edit</b> <b>Delete</b>

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Figure 46: Adding dvd category details forms

## Add New DVD Category

Category Description

**\*\*Description is required\*\***

-- Select Age Restriction --

**\*\*Age Restriction is required\*\***

**ADD DVDCATEGORY**    **UPDATE DVDCATEGORY**    **CLEAR**

## DVD Category Details

S.N.	Description	Age Restricted	
1	Action and Thriller	1	<b>Edit</b> <b>Delete</b>
5	Horror	1	<b>Edit</b> <b>Delete</b>

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Figure 47: Error message displayed due to missing details

## Add New DVD Category

Suspense

-- Select Age Restriction --

**\*\*Age Restriction is required\*\***

ADD DVDCATEGORY    UPDATE DVDCATEGORY    CLEAR

## DVD Category Details

S.N.	Description	Age Restricted	
1	Action and Thriller	1	Edit Delete
5	Horror	1	Edit Delete

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Figure 48: Error message displayed

Test3.1: To check whether valid data will be recorded by the system or not

Objectives	To check whether valid data will be recorded by the system or not
Action	1. Visit the DVD category page add the DVD description and Age restriction
Expected result	The system should successfully add the given DVD details to the system
Actual result	DVD details is added
Conclusion	Test Successful

Table 23: To check whether valid data will be recorded by the system or not

## Add New DVD Category

Suspense

No

**ADD DVDCATEGORY**   **UPDATE DVDCATEGORY**   **CLEAR**

## DVD Category Details

S.N.	Description	Age Restricted	
1	Action and Thriller	1	<b>Edit</b> <b>Delete</b>
5	Horror	1	<b>Edit</b> <b>Delete</b>

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Figure 49: inserting valid details

## Add New DVD Category

Category Description

No

**ADD DVDCATEGORY**   **UPDATE DVDCATEGORY**   **CLEAR**

DVD Category Successfully Added!!

## DVD Category Details

S.N.	Description	Age Restricted	
1	Action and Thriller	1	<b>Edit</b> <b>Delete</b>
5	Horror	1	<b>Edit</b> <b>Delete</b>
14	Suspense	0	<b>Edit</b> <b>Delete</b>

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Figure 50: Valid DVD category details added

Test3.2: To check whether valid data will be updated by the system or not

Objectives	To check whether valid data will be updated by the system or not
Action	1. Visit the DVD Category page update the category description and Age restriction

Expected result	The system should successfully update the DVD category of the system
Actual result	Actor is updated
Conclusion	Test Successful

Table 24: To check whether valid data will be updated by the system or not

### Add New DVD Category

Category Description  
-- Select Age Restriction --

ADD DVDCATEGORY   UPDATE DVDCATEGORY   CLEAR

### DVD Category Details

S.N.	Description	Age Restricted		
1	Action and Thriller	1	Edit	Delete
5	Horror	1	Edit	Delete
14	Suspense	0	Edit	Delete

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Figure 51: DVD category details displayed

### Add New DVD Category

Action and Thriller  
Yes

ADD DVDCATEGORY   UPDATE DVDCATEGORY   CLEAR

### DVD Category Details

S.N.	Description	Age Restricted		
1	Action and Thriller	1	Edit	Delete
5	Horror	1	Edit	Delete
14	Suspense	0	Edit	Delete

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Figure 52: Editing DVD category details

## Add New DVD Category

Action

Yes

**ADD DVDCATEGORY**    **UPDATE DVDCATEGORY**    **CLEAR**

## DVD Category Details

S.N.	Description	Age Restricted	
1	Action and Thriller	1	<b>Edit</b> <b>Delete</b>
5	Horror	1	<b>Edit</b> <b>Delete</b>
14	Suspense	0	<b>Edit</b> <b>Delete</b>

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Figure 53: DVD category being updated

## Add New DVD Category

Category Description

Yes

**ADD DVDCATEGORY**    **UPDATE DVDCATEGORY**    **CLEAR**

DVD Category Successfully Updated!!

## DVD Category Details

S.N.	Description	Age Restricted	
1	Action	1	<b>Edit</b> <b>Delete</b>
5	Horror	1	<b>Edit</b> <b>Delete</b>
14	Suspense	0	<b>Edit</b> <b>Delete</b>

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Figure 54: DVD category details are updated

Test 3.3: To check whether valid added data will be deleted by the system or not

Objectives	To check whether valid added data will be deleted by the system or not
Action	1. Visit the DVD Category page click on the delete button

Expected result	The system should successfully delete the added DVD details from the system
Actual result	DVD details are deleted
Conclusion	Test Successful

Table 25: To check whether valid added data will be deleted by the system or not

## Add New DVD Category

Category Description

-- Select Age Restriction --

ADD DVDCATEGORY    UPDATE DVDCATEGORY    CLEAR

## DVD Category Details

S.N.	Description	Age Restricted	
1	Action	1	Edit Delete
5	Horror	1	Edit Delete
14	Suspense	0	Edit Delete

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Figure 55: Displaying DVD category details

## Add New DVD Category

Category Description

-- Select Age Restriction --

ADD DVDCATEGORY    UPDATE DVDCATEGORY

Delete DVDCATEGORY

Are you Sure??

Yes No

DVD Category Details

S.N.	Description	Age Restricted	
1	Action	1	Edit Delete
5	Horror	1	Edit Delete
14	Suspense	0	Edit Delete

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Figure 56: Deleting the DVD details

## Add New DVD Category

The screenshot shows a user interface for adding a new DVD category. At the top, there's a text input field labeled "Category Description". Below it is a dropdown menu labeled "-- Select Age Restriction --". At the bottom of the form are three buttons: "ADD DVDCATEGORY" (yellow), "UPDATE DVDCATEGORY" (blue), and "CLEAR" (green).

## DVD Category Details

S.N.	Description	Age Restricted	
1	Action	1	<button>Edit</button> <button>Delete</button>
5	Horror	1	<button>Edit</button> <button>Delete</button>

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Figure 57: DVD details are deleted

Test3: To check whether incomplete empty DVD category text box throws error or not

Objectives	To check whether incomplete empty actor text box throws error or not
Action	1. Visit the actor page click add button and leave both area empty 2. Visit the actor page add the DVD details and leave Age restriction area empty
Expected result	The system should throw error message in both scenario
Actual result	Error message was displayed
Conclusion	Test Successful

Table 26: To check whether incomplete empty DVD category text box throws error or not

### Add New Membership Category

Description

Total Loans

ADD MEMBERSHIPCATEGORY    UPDATE MEMBERSHIPCATEGORY    CLEAR

### Membership Category Details

Figure 58: New membership Category form

### Add New Membership Category

Description

**\*\*Description is required\*\***

Total Loans

**\*\*Total Loans is required\*\***

ADD MEMBERSHIPCATEGORY    UPDATE MEMBERSHIPCATEGORY    CLEAR

### Membership Category Details

Figure 59: Error message displayed

### Add New Membership Category

Too Many DVD's

Total Loans

**\*\*Total Loans is required\*\***

ADD MEMBERSHIPCATEGORY    UPDATE MEMBERSHIPCATEGORY    CLEAR

### Membership Category Details

Figure 60: Error message displayed

Test4.1: To check whether valid data will be recorded by the system or not

Objectives	To check whether valid data will be recorded by the system or not
------------	---

Action	1. Visit the Membership category page add the Description and Total loans
Expected result	The system should successfully add the actor to the system
Actual result	Actor is added
Conclusion	Test Successful

Table 27: To check whether valid data will be recorded by the system or not

### Add New Membership Category

Too Many DVD's

10000

ADD MEMBERSHIPCATEGORY    UPDATE MEMBERSHIPCATEGORY    CLEAR

### Membership Category Details

Figure 61: Inserting valid membership details

### Add New Membership Category

Description

Total Loans

ADD MEMBERSHIPCATEGORY    UPDATE MEMBERSHIPCATEGORY    CLEAR

MembershipCategory Successfully Deleted!!

### Membership Category Details

S.N.	Description	Total Loans	
1	Too Many DVD's	10000	<button>Edit</button> <button>Delete</button>

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Figure 62: Membership category added

Test4.2: To check whether valid data will be updated by the system or not

Objectives	To check whether valid data will be updated by the system or not
Action	1. Visit the actor page update the Description and Total Loans
Expected result	The system should successfully update the actor to the system
Actual result	Actor is updated
Conclusion	Test Successful

Table 28: To check whether valid data will be updated by the system or not

### Add New Membership Category

Description

Total Loans

ADD MEMBERSHIPCATEGORY    UPDATE MEMBERSHIPCATEGORY    CLEAR

### Membership Category Details

S.N.	Description	Total Loans	
1	Too Many DVD's	10000	<button style="color: white; background-color: #0070C0;">Edit</button> <button style="color: white; background-color: #DC143C;">Delete</button>
1003	8 DVDs taken	800	<button style="color: white; background-color: #0070C0;">Edit</button> <button style="color: white; background-color: #DC143C;">Delete</button>

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Figure 63: Membership category details displayed

## Add New Membership Category

8 DVDs taken

800

**ADD MEMBERSHIPCATEGORY**    **UPDATE MEMBERSHIPCATEGORY**    **CLEAR**

## Membership Category Details

S.N.	Description	Total Loans	
1	Too Many DVD's	10000	<b>Edit</b> <b>Delete</b>
1003	8 DVDs taken	800	<b>Edit</b> <b>Delete</b>

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Figure 64: Membership category details selected

## Add New Membership Category

8 DVDs had been taken

800

**ADD MEMBERSHIPCATEGORY**    **UPDATE MEMBERSHIPCATEGORY**    **CLEAR**

## Membership Category Details

S.N.	Description	Total Loans	
1	Too Many DVD's	10000	<b>Edit</b> <b>Delete</b>
1003	8 DVDs taken	800	<b>Edit</b> <b>Delete</b>

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Figure 65: Editing the details

## Add New Membership Category

ADD MEMBERSHIPCATEGORY
UPDATE MEMBERSHIPCATEGORY
CLEAR

DVD Category Successfully Updated!!

## Membership Category Details

S.N.	Description	Total Loans	
1	Too Many DVD's	10000	<span>Edit</span> <span>Delete</span>
1003	8 DVDs had been taken	800	<span>Edit</span> <span>Delete</span>

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Figure 66: Membership details updated

Test4.3: To check whether valid added data will be deleted by the system or not

Objectives	To check whether valid added data will be deleted by the system or not
Action	1. Visit the Membership Category page click on the delete button
Expected result	The system should successfully delete the added Membership details from the system
Actual result	Actor details are deleted
Conclusion	Test Successful

Table 29: To check whether valid added data will be deleted by the system or not

## Add New Membership Category

Description

Total Loans

**ADD MEMBERSHIPCATEGORY**    **UPDATE MEMBERSHIPCATEGORY**    **CLEAR**

## Membership Category Details

S.N.	Description	Total Loans	
1	Too Many DVD's	10000	<b>Edit</b> <b>Delete</b>
1003	8 DVDs had been taken	800	<b>Edit</b> <b>Delete</b>

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Figure 67: membership details selected for deletion

## Add New Membership Category

Description

Total Loans

**ADD MEMBERSHIPCATEGORY**    **UPDATE MEMBERSHIPCATEGORY**    **CLEAR**

## Membership Category Details

S.N.	Description	Total Loans	
1	Too Many DVD's	10000	<b>Edit</b> <b>Delete</b>
1003	8 DVDs had been taken	800	<b>Edit</b> <b>Delete</b>

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Figure 68: deletion confirmation message

### Add New Membership Category

**ADD MEMBERSHIPCATEGORY**
**UPDATE MEMBERSHIPCATEGORY**
**CLEAR**

### Membership Category Details

S.N.	Description	Total Loans	
1	Too Many DVD's	10000	<b>Edit</b> <b>Delete</b>

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Figure 69: Membership details deleted

Membership category clear button:

Test4.4: To clear the data from the text area

Objectives	To clear the data from the text area
Action	1. Visit the Membership category page fill the text area 2. Click on the clear button
Expected result	The system should successfully clear the filled details from the system
Actual result	Details cleared

Table 30: To clear the data from the text area

## Add New Membership Category

Description

Total Loans

**ADD MEMBERSHIPCATEGORY**    **UPDATE MEMBERSHIPCATEGORY**    **CLEAR**

## Membership Category Details

S.N.	Description	Total Loans	
1	Too Many DVD's	10000	<b>Edit</b> <b>Delete</b>

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Figure 70: Membership Category form

## Add New Membership Category

Too Many DVDs were taken

15000

**ADD MEMBERSHIPCATEGORY**    **UPDATE MEMBERSHIPCATEGORY**    **CLEAR**

## Membership Category Details

S.N.	Description	Total Loans	
1	Too Many DVD's	10000	<b>Edit</b> <b>Delete</b>

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Figure 71: inserted details in membership category form

## Add New Membership Category

Description

Total Loans

ADD MEMBERSHIPCATEGORY    UPDATE MEMBERSHIPCATEGORY    CLEAR

## Membership Category Details

S.N.	Description	Total Loans	
1	Too Many DVD's	10000	Edit Delete

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Figure 72: membership category details cleared

Test 5: To check whether valid data will be recorded by the system or not

Objectives	To check whether valid data will be recorded by the system or not
Action	1. Visit the Producer page add the Name
Expected result	The system should successfully add the Producer to the system
Actual result	producer is added
Conclusion	Test Successful

Producer:

Table 31: To check whether valid data will be recorded by the system or not

### Add New Producer

Name

ADD PRODUCER    UPDATE PRODUCER    CLEAR

### Producer Details

Figure 73: Adding producer in form

### Add New Producer

Hem

ADD PRODUCER    UPDATE PRODUCER    CLEAR

### Producer Details

Figure 74: Adding producer name

## Add New Producer

Name

ADD PRODUCER    UPDATE PRODUCER    CLEAR

Producer Successfully Added!!

## Producer Details

S.N.	Name	
1003	Hem	Edit    Delete

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Figure 75: New producer is added in list

## Update Producer:

Test5.1: To check whether valid data will be updated by the system or not

Objectives	To check whether valid data will be updated by the system or not
Action	1. Visit the Producer page update the Name
Expected result	The system should successfully update the actor to the system
Actual result	Producer is updated
Conclusion	Test Successful

Table 32: : To check whether valid data will be updated by the system or not

## Add New Producer

Name

ADD PRODUCER    UPDATE PRODUCER    CLEAR

## Producer Details

S.N.	Name	
1003	Hem	Edit    Delete

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Figure 76: New producer form

## Add New Producer

Hem

ADD PRODUCER    UPDATE PRODUCER    CLEAR

## Producer Details

S.N.	Name	
1003	Hem	Edit    Delete

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Figure 77: selecting producer name from producer details

## Add New Producer

ADD PRODUCER
UPDATE PRODUCER
CLEAR

## Producer Details

S.N.	Name	
1003	Hem	<a href="#">Edit</a> <a href="#">Delete</a>

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*Figure 78: Updating producer name from producer details*

## Add New Producer

ADD PRODUCER
UPDATE PRODUCER
CLEAR

Producer Successfully Updated!!

## Producer Details

S.N.	Name	
1003	Hem karki	<a href="#">Edit</a> <a href="#">Delete</a>

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*Figure 79: Producer name updated*

## Delete Producer:

Test5.3: To check whether valid added data will be deleted by the system or not

Objectives	To check whether valid added data will be deleted by the system or not
Action	1. Visit the Producer page click on the delete button

Expected result	The system should successfully delete the added Producer's details from the system
Actual result	Producer's details are deleted
Conclusion	Test Successful

Table 33: To check whether valid added data will be deleted by the system or not

### Add New Producer

ADD PRODUCER
UPDATE PRODUCER
CLEAR

### Producer Details

S.N.	Name	
1003	Hem karki	Edit    Delete

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Figure 80: New producer form

### Add New Producer

ADD PRODUCER
UPDATE PRODUCER
CLEAR

<div style="position: absolute; top: 10px;

### Add New Producer

Name

ADD PRODUCER    UPDATE PRODUCER    CLEAR

### Producer Details

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*Figure 82: Delete successful*

Producer clear button:

Test5.3: To clear the data from the text area

Objectives	To clear the data from the text area
Action	1. Visit the Producer page fill the text area 2. Click on the clear button
Expected result	The system should successfully clear the filled details from the system
Actual result	Details cleared

*Table 34: To clear the data from the text area*

### Add New Producer

Name

ADD PRODUCER    UPDATE PRODUCER    CLEAR

### Producer Details

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*Table 35: Add new producer form*

### Add New Producer

The screenshot shows a user interface for adding a new producer. At the top, there is a text input field containing the name "Nischal Rai". Below the input field are three buttons: "ADD PRODUCER" (yellow), "UPDATE PRODUCER" (light blue), and "CLEAR" (green). The "CLEAR" button is highlighted with a green background.

### Producer Details

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Figure 83: Clearing producer name

### Add New Producer

The screenshot shows the same user interface as Figure 83, but the input field now contains the placeholder text "Name". The three buttons ("ADD PRODUCER", "UPDATE PRODUCER", and "CLEAR") are visible below the input field.

### Producer Details

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Figure 84: producer name has been cleared successfully.

Studio:

Test 6: To check whether valid data will be recorded by the system or not

Objectives	To check whether valid data will be recorded by the system or not
Action	1. Visit the Studio page add the Name
Expected result	The system should successfully add the Studio name to the system
Actual result	Studio is added
Conclusion	Test Successful

Figure 85:To check whether valid data will be recorded by the system or not

### Add New Studio

### Studio Details

S.N.	Name	
1002	Rising Star	<button style="color: white; background-color: #007bff;">Edit</button> <button style="color: white; background-color: #dc3545;">Delete</button>

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Figure 86: Add new studio form

## Add New Studio

Nepali Tara

**ADD STUDIO**    **UPDATE STUDIO**    **CLEAR**

## Studio Details

S.N.	Name	
1002	Rising Star	<b>Edit</b> <b>Delete</b>

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Figure 87: Adding studio name

## Add New Studio

Name

**ADD STUDIO**    **UPDATE STUDIO**    **CLEAR**

Studio Successfully Added!!

## Studio Details

S.N.	Name	
1002	Rising Star	<b>Edit</b> <b>Delete</b>
1004	Nepali Tara	<b>Edit</b> <b>Delete</b>

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Figure 88: Studio name has been added successfully

## Update Studio:

Test6.1: To check whether valid data will be updated by the system or not

Objectives	To check whether valid data will be updated by the system or not
Action	1. Visit the Studio page update the added Studio name

Expected result	The system should successfully update the Studio name to the system
Actual result	Studio is updated
Conclusion	Test Successful

Table 36: To check whether valid data will be updated by the system or not

### Add New Studio



A screenshot of a web-based application interface for adding a new studio. It features a grey input field labeled "Name". Below the input field are three buttons: "ADD STUDIO" (green), "UPDATE STUDIO" (blue), and "CLEAR" (yellow).

### Studio Details

S.N.	Name	Actions
1002	Rising Star	<button style="background-color: #007bff; color: white;">Edit</button> <button style="background-color: #dc3545; color: white;">Delete</button>
1004	Nepali Tara	<button style="background-color: #007bff; color: white;">Edit</button> <button style="background-color: #dc3545; color: white;">Delete</button>

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Figure 89: Add new studio

## Add New Studio

Nepali Tara

**ADD STUDIO**    **UPDATE STUDIO**    **CLEAR**

## Studio Details

S.N.	Name		
1002	Rising Star	<b>Edit</b>	<b>Delete</b>
1004	Nepali Tara	<b>Edit</b>	<b>Delete</b>

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Figure 90:selecting studio name

## Add New Studio

Nepali Digital Studio

**ADD STUDIO**    **UPDATE STUDIO**    **CLEAR**

## Studio Details

S.N.	Name		
1002	Rising Star	<b>Edit</b>	<b>Delete</b>
1004	Nepali Tara	<b>Edit</b>	<b>Delete</b>

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Figure 91: updating studio name

## Add New Studio

Name

ADD STUDIO    UPDATE STUDIO    CLEAR

## Studio Details

S.N.	Name	
1002	Rising Star	<button>Edit</button> <button>Delete</button>
1005	Nepali Digital Studio	<button>Edit</button> <button>Delete</button>

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Figure 92: updated successfully

## Delete Studio:

Test6.2: To check whether valid added data will be deleted by the system or not

Objectives	To check whether valid added data will be deleted by the system or not
Action	1. Visit the Studio page click on the delete button
Expected result	The system should successfully delete the added Studio details from the system
Actual result	Studio details are deleted
Conclusion	Test Successful

Table 37: To check whether valid added data will be deleted by the system or not

## Add New Studio

Name

**ADD STUDIO**   **UPDATE STUDIO**   **CLEAR**

## Studio Details

S.N.	Name		
1002	Rising Star	<b>Edit</b>	<b>Delete</b>
1005	Nepali Digital Studio	<b>Edit</b>	<b>Delete</b>

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Figure 93: Add new studio form

## Add New Studio

Name

**ADD STUDIO**   **UPDATE STUDIO**   **CLEAR**

## Studio Details

S.N.	Name		
1002	Rising Star	<b>Edit</b>	<b>Delete</b>
1005	Nepali Digital Studio	<b>Edit</b>	<b>Delete</b>

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Figure 94: selecting studio name for deleting

## Add New Studio

Name

ADD STUDIO    UPDATE STUDIO    CLEAR

## Studio Details

S.N.	Name	
1002	Rising Star	<button>Edit</button> <button>Delete</button>

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Figure 95: Studio name deleted successfully

## DVD Title:

Test7: To check whether incomplete empty actor text box throws error or not

Objectives	To check whether incomplete empty actor text box throws error or not
Action	1. Visit the DVD Title page add the incomplete details and leave some area empty
Expected result	The system should throw error message
Actual result	Error message was displayed
Conclusion	Test Successful

Table 38: To check whether incomplete empty actor text box throws error or not

## Add New DVD Title

DVD Title

Standard Charge

Penalty Charge

-- Select DVD Category --

-- Select Studio --

-- Select A Producer --

**ADD DVDTITLE**    **UPDATE DVDTITLE**    **CLEAR**

## DVDTITLE Details

Figure 96: New DVD Title

## Add New DVD Title

Song

300

100

-- Select DVD Category --

-- Select Studio --

-- Select A Producer --

**\*\*DVD Category, Studio and Producer is required\*\***

ADD DVDTITLE      UPDATE DVDTITLE      CLEAR

Figure 97: Error message displayed

Test7.1: To check whether valid data will be recorded by the system or not

Objectives	To check whether valid data will be recorded by the system or not
Action	1. Visit the DVD title page add the all the required details
Expected result	The system should successfully add the DVD to the system
Actual result	DVD is added
Conclusion	Test Successful

Table 39: To check whether valid data will be recorded by the system or not

-- Select DVD Category --

-- Select Studio --

-- Select A Producer --

**ADD DVDTITLE**   **UPDATE DVDTITLE**   **CLEAR**

DVDTITLE Successfully Added!!

### DVDTITLE Details

S.N.	DVD Title	Standard Charge	Penalty Charge	Category Number	Studio Number	Producer Number	Actions
1002	Song	300	100	1	1002	1004	<b>Edit</b> <b>Delete</b>
1003	Gorkhali	500	100	1	1002	1004	<b>Edit</b> <b>Delete</b>

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Figure 98: NEW DVD is added successfully

### Update DVD Title:

Test7.2: To check whether valid data will be updated by the system or not

Objectives	To check whether valid data will be updated by the system or not
Action	1. Visit the DVD title page update the added details
Expected result	The system should successfully update the actor to the system
Actual result	DVD title is updated
Conclusion	Test Successful

Table 40:To check whether valid data will be updated by the system or not

Standard Charge

Penalty Charge

-- Select DVD Category --

-- Select Studio --

-- Select A Producer --

**ADD DVDTITLE**    **UPDATE DVDTITLE**    **CLEAR**

**DVDTITLE Details**

S.N.	DVD Title	Standard Charge	Penalty Charge	Category Number	Studio Number	Producer Number	
1002	Song	300	100	1	1002	1004	<b>Edit</b> <b>Delete</b>
1003	Gorkhali	500	100	1	1002	1004	<b>Edit</b> <b>Delete</b>

Figure 99: Add new DVD form

**Add New DVD Title**

Song

300

100

Action

Rising Star

Nischal Rai

**ADD DVDTITLE**    **UPDATE DVDTITLE**    **CLEAR**

**DVDTITLE Details**

Figure 100: Selecting DVD title form table

## Add New DVD Title

Karuna

300

100

Action

Rising Star

Nischal Rai

**ADD DVDTITLE**   UPDATE DVDTITLE   CLEAR

## DVDTITLE Details

Figure 101: Updating DVD title

-- Select DVD Category --

-- Select Studio --

-- Select A Producer --

**ADD DVDTITLE**   UPDATE DVDTITLE   CLEAR

DVDTITLE Successfully Added!!

## DVDTITLE Details

S.N.	DVD Title	Standard Charge	Penalty Charge	Category Number	Studio Number	Producer Number	
1003	Gorkhali	500	100	1	1002	1004	<b>Edit</b> <b>Delete</b>
1004	Karuna	300	100	1	1002	1004	<b>Edit</b> <b>Delete</b>

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Figure 102: updated successfully

Delete DVD title:

Test7.4: To check whether valid added data will be deleted by the system or not

Objectives	To check whether valid added data will be deleted by the system or not
Action	1. Visit the DVD Title page click on the delete button
Expected result	The system should successfully delete the added DVD details from the system
Actual result	DVD details are deleted
Conclusion	Test Successful

Table 41: To check whether valid added data will be deleted by the system or not

The screenshot shows a user interface for managing DVD titles. At the top, there is a dropdown menu labeled "-- Select A Producer --". Below it are three buttons: "ADD DVDTITLE" (blue), "UPDATE DVDTITLE" (blue), and "CLEAR" (green). A modal dialog box titled "Delete DVDTITLE" is open, asking "Are you Sure??" with "Yes" and "No" buttons. In the background, there is a table titled "DVDTITLE Details" with the following data:

S.N.	DVD Title	Standard Charge	Penalty Charge	Category Number	Studio Number	Producer Number	Edit	Delete
1003	Gorkhalii	500	100	1	1002	1004	<button>Edit</button>	<button>Delete</button>
1004	Karuna	300	100	1	1002	1004	<button>Edit</button>	<button>Delete</button>

At the bottom of the page, there is a copyright notice: "© All rights Reserved. Ropey DVD 2022".

Figure 103: Selecting DVD title from table

DVDTITLE Details						
S.N.	DVD Title	Standard Charge	Penalty Charge	Category Number	Studio Number	Producer Number
1003	Gorkhali	500	100	1	1002	1004
<a href="#">Edit</a> <a href="#">Delete</a>						

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Figure 104: Deleting DVD title is successfully

DVD Title Clear button:

Test7.5: To clear the data from the text area

Objectives	To clear the data from the text area
Action	1. Visit the DVD Title page fill the text areas 2. Click on the clear button
Expected result	The system should successfully clear the DVD details from the system
Actual result	Details cleared
Conclusion	Test Successful

Table 42: To clear the data from the text area

## Add New DVD Title

DVD Title

Standard Charge

Penalty Charge

-- Select DVD Category --

-- Select Studio --

-- Select A Producer --

**ADD DVDTITLE**

**UPDATE DVDTITLE**

**CLEAR**

The form consists of several input fields and dropdown menus. At the bottom are three large, rounded rectangular buttons with a gradient from yellow to cyan. The first button contains the text 'ADD DVDTITLE' in white. The second button contains 'UPDATE DVDTITLE' in white. The third button contains 'CLEAR' in white.

Figure 105: DVD title form

## Add New DVD Title

Maya

350

120

Action ▾

Rising Star ▾

Nischal Rai ▾

**ADD DVDTITLE**

**UPDATE DVDTITLE**

**CLEAR**

Figure 106: Clearing DVD title

## Add New DVD Title

DVD Title

Standard Charge

Penalty Charge

-- Select DVD Category --

-- Select Studio --

-- Select A Producer --

**ADD DVDTITLE**

**UPDATE DVDTITLE**

**CLEAR**

Figure 107: Clearing DVD title successfully

Test 8: To check whether incomplete empty actor text box throws error or not

Objectives	To check whether incomplete empty actor text box throws error or not
Action	1. Visit the DVD copy page add the incomplete details and leave some area empty
Expected result	The system should throw error message
Actual result	Error message was displayed
Conclusion	Test Successful

Table 43: To check whether incomplete empty actor text box throws error or not

**Add New DVD Copy**

**ADD DVDCOPY**
**UPDATE DVDCOPY**
**CLEAR**

### DVD Copy Details

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Figure 108: DVD copy form

Add New DVD Copy

The screenshot shows a form titled "Add New DVD Copy". It has two input fields: "Date Purchased" (containing "8/5/2020 12:00:00 AM") and "DVD Title" (containing "Gorkhali"). Below the inputs are three buttons: "ADD DVDCOPY" (blue), "UPDATE DVDCOPY" (green), and "CLEAR" (yellow). A red error message "Date Purchased is required" is displayed above the "Date Purchased" field. Another message "DVD Title is required" is displayed above the "DVD Title" dropdown. At the bottom, there is a table titled "DVD Copy Details" with one row containing S.N. 1002, Date Purchased 8/5/2020 12:00:00 AM, DVD Title 1003, and Edit/Delete buttons. A copyright notice "© All rights Reserved. Ropay DVD 2022" is at the bottom.

S.N.	Date Purchased	DVD Title	
1002	8/5/2020 12:00:00 AM	DVD 1003	<a href="#">Edit</a> <a href="#">Delete</a>

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Figure 109: Error Message displayed

Add New DVD Copy

The screenshot shows a form titled "Add New DVD Copy". It has two input fields: "Date Purchased" (containing "2020-05-05") and "DVD Title" (containing "-- Select DVD Title --"). Below the inputs are three buttons: "ADD DVDCOPY" (blue), "UPDATE DVDCOPY" (green), and "CLEAR" (yellow). A red error message "DVD Title is required" is displayed above the "DVD Title" dropdown. At the bottom, there is a table titled "DVD Copy Details" with one row containing S.N. 1002, Date Purchased 2020-05-05, DVD Title -- Select DVD Title --, and Edit/Delete buttons. A copyright notice "© All rights Reserved. Ropay DVD 2022" is at the bottom.

S.N.	Date Purchased	DVD Title	
1002	2020-05-05	-- Select DVD Title --	<a href="#">Edit</a> <a href="#">Delete</a>

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Figure 110: Error message displayed

Test8.1: To check whether valid data will be recorded by the system or not

Objectives	To check whether valid data will be recorded by the system or not
Action	1. Visit the DVD copy page add the date purchased and select the title
Expected result	The system should successfully add the DVD copy to the system
Actual result	DVD copy is added
Conclusion	Test Successful

Table 44: To check whether valid data will be recorded by the system or not

**Add New DVD Copy**

### DVD Copy Details

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Figure 111: DVD copy form

Add New DVD Copy

DVD Copy Successfully Added!!

DVD Copy Details

S.N.	Date Purchased	DVD Title	
1002	5/5/2020 12:00:00 AM	1003	<span style="color: blue; border: 1px solid black; padding: 2px;">Edit</span> <span style="color: red; border: 1px solid black; padding: 2px;">Delete</span>

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Figure 112: DVD copy successfully added

Update DVD Copy:

Test7.2: To check whether valid data will be updated by the system or not

Objectives	To check whether valid data will be updated by the system or not
Action	1. Visit the DVD copy page update the first name and last name
Expected result	The system should successfully update the DVD copy details from the system

Actual result	DVD copy is updated
Conclusion	Test Successful

Table 45: To check whether valid data will be updated by the system or not

### Add New DVD Copy

Date Purchased

-- Select DVD Title --

ADD DVDCOPY
UPDATE DVDCOPY
CLEAR

### DVD Copy Details

S.N.	Date Purchased	DVD Title
1002	5/5/2020 12:00:00 AM	Gorkhalli

Figure 113: DVD copy form

### Add New DVD Copy

5/5/2020 12:00:00 AM

Gorkhalli

ADD DVDCOPY
UPDATE DVDCOPY
CLEAR

### DVD Copy Details

S.N.	Date Purchased	DVD Title	Actions
1002	5/5/2020 12:00:00 AM	1003	<span style="background-color: #007bff; color: white; padding: 2px 5px; border-radius: 5px; margin-right: 5px;">Edit</span> <span style="background-color: #dc3545; color: white; padding: 2px 5px; border-radius: 5px;">Delete</span>

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Figure 114: Selecting DVD details from DVD copy

**Add New DVD Copy**

**ADD DVDCOPY**
**UPDATE DVDCOPY**
**CLEAR**

**DVD Copy Details**

S.N.	Date Purchased	DVD Title	
1002	5/5/2020 12:00:00 AM	1003	<b>Edit</b>   <b>Delete</b>

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*Figure 115: updating DVD copy*

**Add New DVD Copy**

**ADD DVDCOPY**
**UPDATE DVDCOPY**
**CLEAR**

DVD Copy Successfully Updated!!

**DVD Copy Details**

S.N.	Date Purchased	DVD Title	
1002	8/5/2020 12:00:00 AM	1003	<b>Edit</b>   <b>Delete</b>

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*Figure 116: updated successfully*

**DVD Copy Clear button:**

Test1.3: To clear the data from the text area

Objectives	To clear the data from the text area
Action	<ol style="list-style-type: none"> <li>1. Visit the DVD copy page fill the text area</li> <li>2. Click on the clear button</li> </ol>
Expected result	The system should successfully clear the DVD copy details from the system
Actual result	Details cleared
Conclusion	Test Successful

Table 46: To clear the data from the text area

### Add New DVD Copy

Date Purchased

-- Select DVD Title --

ADD DVDCOPY    UPDATE DVDCOPY    CLEAR

### DVD Copy Details

S.N.	Date Purchased	DVD Title	
1002	8/5/2020 12:00:00 AM	1003	<button style="color: white; background-color: #0070C0;">Edit</button> <button style="color: white; background-color: red;">Delete</button>

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Figure 117: DVD copy form

### Add New DVD Copy

2022-01-02

Gorkhalii
 ▼

ADD DVDCOPY

UPDATE DVDCOPY

CLEAR

### DVD Copy Details

S.N.	Date Purchased	DVD Title	
1002	8/5/2020 12:00:00 AM	1003	<span style="background-color: #007bff; color: white; border: 1px solid #007bff; padding: 2px 5px; border-radius: 3px;">Edit</span> <span style="background-color: red; color: white; border: 1px solid red; padding: 2px 5px; border-radius: 3px;">Delete</span>

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Figure 118: Clearing DVD copy

### Add New DVD Copy

Date Purchased

-- Select DVD Title --
 ▼

ADD DVDCOPY

UPDATE DVDCOPY

CLEAR

### DVD Copy Details

S.N.	Date Purchased	DVD Title	
1002	8/5/2020 12:00:00 AM	1003	<span style="background-color: #007bff; color: white; border: 1px solid #007bff; padding: 2px 5px; border-radius: 3px;">Edit</span> <span style="background-color: red; color: white; border: 1px solid red; padding: 2px 5px; border-radius: 3px;">Delete</span>

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Figure 119: DVD copy details cleared successfully

## Member

Test8: To check whether incomplete empty actor text box throws error or not

Objectives	To check whether incomplete empty actor text box throws error or not
Action	1. Visit the Member click page add button and leave both area empty 2. Visit the actor page add some details and leave some area empty
Expected result	The system should throw error message in both scenario
Actual result	Error message was displayed
Conclusion	Test Successful

Table 47: To check whether incomplete empty actor text box throws error or not

#### Add New Member

First Name

Last Name

Address

Date Of Birth

-- Select Membership Category --

ADD MEMBER    UPDATE MEMBER    CLEAR

#### Member Details

S.N.	First Name	Last Name	Address	Date Of Birth	Membership Category	
1	man	zil	drrn	May 2 2022 12:00AM	1	<button style="background-color: blue; color: white;">Edit</button> <button style="background-color: red; color: white;">Delete</button>

Figure 120: Add new Member form

## Add New Member

First Name

**\*\*First Name is required\*\***

Last Name

**\*\*Last Name is required\*\***

Address

**\*\*Address is required\*\***

Date Of Birth

-- Select Membership Category --

**\*\*MemberShip Category is required\*\***

**ADD MEMBER**   **UPDATE MEMBER**   **CLEAR**

## Member Details

S.N.	First Name	Last Name	Address	Date Of Birth	Membership Category
..	Delish				

*Figure 121: Error message is displayed due to empty text box*

## Add New Member

First Name: Delish

Last Name

**\*\*Last Name is required\*\***

Address

**\*\*Address is required\*\***

Date Of Birth

-- Select Membership Category --

**\*\*MemberShip Category is required\*\***

**ADD MEMBER**   **UPDATE MEMBER**   **CLEAR**

## Member Details

S.N.	First Name	Last Name	Address	Date Of Birth	Membership Category
..	Delish				

*Figure 122: Error message is displayed due to empty text box*

## Add New Member

Delish

Khadka

Address

**\*\*Address is required\*\***

Date Of Birth

-- Select Membership Category --

**\*\*MemberShip Category is required\*\***

**ADD MEMBER**    **UPDATE MEMBER**    **CLEAR**

## Member Details

S.N.	First Name	Last Name	Address	Date Of Birth	Membership Category
------	------------	-----------	---------	---------------	---------------------

Figure 123: Error message is displayed due to empty text box

## Add New Member

Delish

Khadka

Itahari

02-May-2000

-- Select Membership Category --

**\*\*MemberShip Category is required\*\***

**ADD MEMBER**    **UPDATE MEMBER**    **CLEAR**

## Member Details

S.N.	First Name	Last Name	Address	Date Of Birth	Membership Category
------	------------	-----------	---------	---------------	---------------------

Figure 124: Error message is displayed due to empty text box of membership category

Test8.1: To check whether valid data will be recorded by the system or not

Objectives	To check whether valid data will be recorded by the system or not
Action	1. Visit the member page add the first name and last name
Expected result	The system should successfully add the member to the system
Actual result	member is added
Conclusion	Test Successful

Table 48: To check whether valid data will be recorded by the system or not

#### Add New Member

The screenshot shows a form titled "Add New Member". It contains four input fields: "First Name" (Delish), "Last Name" (Khadka), "Date of Birth" (May 2 2000 12:00AM), and "Membership Category" (Too Many DVD's). Below the form are three buttons: "ADD MEMBER" (blue), "UPDATE MEMBER" (yellow), and "CLEAR" (green).

#### Member Details

The screenshot shows the header of a table titled "Member Details". The columns are labeled: S.N., First Name, Last Name, Address, Date Of Birth, and Membership Category.

Figure 125: Adding new member

The screenshot shows a user interface for managing members. At the top, there are three buttons: 'ADD MEMBER' (blue), 'UPDATE MEMBER' (green), and 'CLEAR' (yellow). Below these buttons, a green success message box displays the text 'Member Successfully Added!!'. The main area is titled 'Member Details' and contains a table with two rows of member information. The columns are labeled 'S.N.', 'First Name', 'Last Name', 'Address', 'Date Of Birth', and 'Membership Category'. The first row has S.N. 1, First Name 'man', Last Name 'zil', Address 'clrn', Date Of Birth 'May 2 2022 12:00AM', and Membership Category '1'. It includes 'Edit' and 'Delete' buttons. The second row has S.N. 2, First Name 'Delish', Last Name 'Khadka', Address 'Itahari', Date Of Birth 'May 2 2000 12:00AM', and Membership Category '1'. It also includes 'Edit' and 'Delete' buttons.

S.N.	First Name	Last Name	Address	Date Of Birth	Membership Category	
1	man	zil	clrn	May 2 2022 12:00AM	1	<button>Edit</button> <button>Delete</button>
2	Delish	Khadka	Itahari	May 2 2000 12:00AM	1	<button>Edit</button> <button>Delete</button>

Figure 126: New member is added successfully

#### Update Member:

Test8.2: To check whether valid data will be updated by the system or not

Objectives	To check whether valid data will be updated by the system or not
Action	1. Visit the member page update the added details
Expected result	The system should successfully update the member to the system
Actual result	Member is updated
Conclusion	Test Successful

Table 49: To check whether valid data will be updated by the system or not

First Name

Last Name

Address

Date Of Birth

-- Select Membership Category --

**ADD MEMBER**   **UPDATE MEMBER**   **CLEAR**

**Member Details**

S.N.	First Name	Last Name	Address	Date Of Birth	Membership Category	
1	man	zil	drn	May 2 2022 12:00AM	1	<b>Edit</b> <b>Delete</b>
2	Delish	Khadka	Itahari	May 2 2000 12:00AM	1	<b>Edit</b> <b>Delete</b>

*Figure 127: New member form***Add New Member**

man

zil

drn

May 2 2022 12:00AM

-- Select Membership Category --

**ADD MEMBER**   **UPDATE MEMBER**   **CLEAR**

**Member Details**

S.N.	First Name	Last Name	Address	Date Of Birth	Membership Category	
1	man	zil	drn	May 2 2022 12:00AM	1	<b>Edit</b> <b>Delete</b>

*Figure 128: Selecting member details from table*

The screenshot shows a member update form. At the top, there are four input fields: 'Address' (manzil), 'Date Of Birth' (03-May-1999), 'Membership Category' (Too Many DVD's), and a dropdown menu. Below these are three buttons: 'ADD MEMBER' (blue), 'UPDATE MEMBER' (green), and 'CLEAR' (yellow).

S.N.	First Name	Last Name	Address	Date Of Birth	Membership Category
1	man	zil	dhrn	May 2 2022 12:00AM	1
2	Delish	Khadka	Itahari	May 2 2000 12:00AM	1

At the bottom, there is a search bar, a toolbar with various icons, and a system status bar showing weather, temperature, and battery level.

Figure 129: updating Member details

The screenshot shows the member details table after the update. The second row now reflects the changes made in Figure 129. The 'Address' field is now 'Dharan' and the 'Last Name' field is now 'Katwal'.

S.N.	First Name	Last Name	Address	Date Of Birth	Membership Category
2	Delish	Khadka	Itahari	May 2 2000 12:00AM	1
4	manzil	Katwal	Dharan	May 3 1999 12:00AM	1

Figure 130; member details update successfully

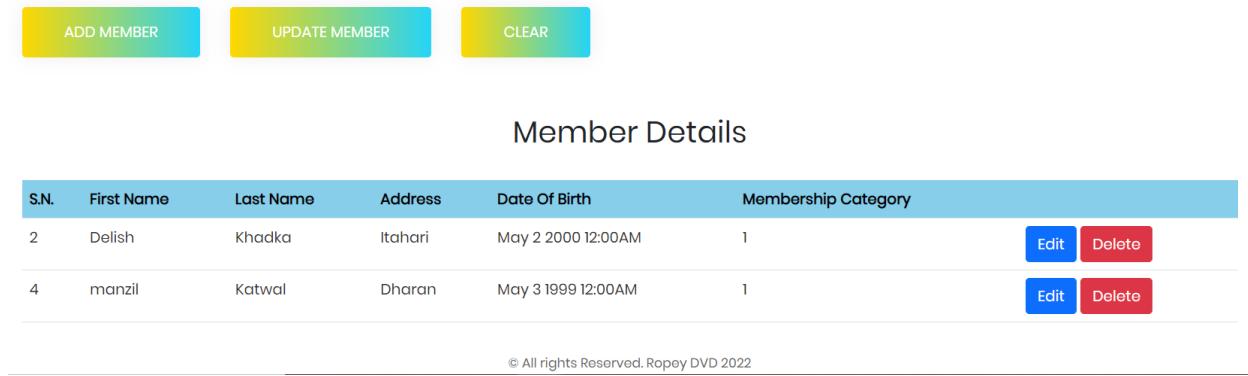
### Delete Member:

Test8.3: To check whether valid added data will be deleted by the system or not

Objectives	To check whether valid added data will be deleted by the system or not
------------	--

Action	1. Visit the member page click on the delete button
Expected result	The system should successfully delete the added member details from the system
Actual result	Member details are deleted
Conclusion	Test Successful

Table 50: To check whether valid added data will be deleted by the system or not

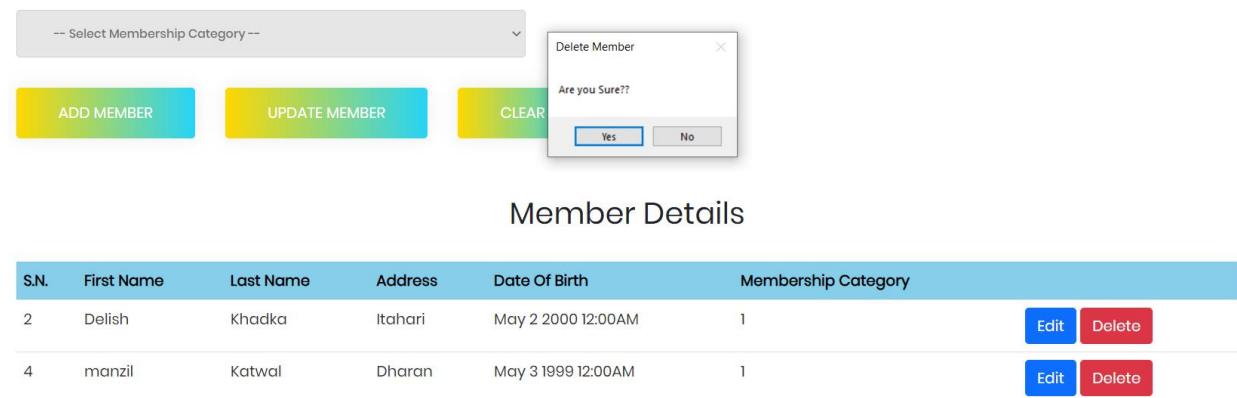


The screenshot shows a web application interface for managing member details. At the top, there are three buttons: 'ADD MEMBER' (yellow), 'UPDATE MEMBER' (cyan), and 'CLEAR' (yellow). Below these buttons is the title 'Member Details'. A table displays two rows of member information:

S.N.	First Name	Last Name	Address	Date Of Birth	Membership Category
2	Delish	Khadka	Itahari	May 2 2000 12:00AM	1
4	manzil	Katwal	Dharan	May 3 1999 12:00AM	1

Each row has 'Edit' and 'Delete' buttons at the end. At the bottom of the page, a copyright notice reads '© All rights Reserved. Ropey DVD 2022'.

Figure 131: member details id displayed in member form



This screenshot shows the same application interface as Figure 131. A 'Delete Member' confirmation dialog box is overlaid on the page. The dialog box contains the text 'Are you Sure??' with 'Yes' and 'No' buttons. The main table of member details is visible in the background.

Figure 132: Deleting member details from member table

Member Details

S.N.	First Name	Last Name	Address	Date Of Birth	Membership Category
2	Delish	Khadka	Itahari	May 2 2000 12:00AM	1

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*Figure 133: Deleted successfully*

### Member Clear Button

Test1.3: To clear the data from the text area

Objectives	To clear the data from the text area
Action	1. Visit the Member page fill the text area 2. Click on the clear button
Expected result	The system should successfully clear the member details from the system
Actual result	Details cleared
Conclusion	Test Successful

*Table 51: To clear the data from the text area*

## Add New Member

First Name

Last Name

Address

Date Of Birth

-- Select Membership Category --

**ADD MEMBER**    **UPDATE MEMBER**    **CLEAR**

## Member Details

S.N.	First Name	Last Name	Address	Date Of Birth	Membership Category
------	------------	-----------	---------	---------------	---------------------

*Figure 134: New member form*

## Add New Member

Nischal

Rai

Dharan

02-Apr-2002

Too Many DVD's

**ADD MEMBER**    **UPDATE MEMBER**    **CLEAR**

## Member Details

S.N.	First Name	Last Name	Address	Date Of Birth	Membership Category
------	------------	-----------	---------	---------------	---------------------

*Figure 135: Clearing new member details*

## Add New Member

The screenshot shows a form titled 'Add New Member'. It contains five input fields: 'First Name', 'Last Name', 'Address', 'Date Of Birth', and a dropdown menu labeled '-- Select Membership Category --'. Below the form are three buttons: 'ADD MEMBER' (yellow), 'UPDATE MEMBER' (blue), and 'CLEAR' (green).

## Member Details



*Figure 136: Successfully cleared*

Loan:

Test8: To check whether incomplete empty actor text box throws error or not

Objectives	To check whether incomplete empty actor text box throws error or not
Action	1. Visit the Loan page click page add button and leave text area empty 2. Visit the loan page add some details and leave some area empty
Expected result	The system should throw error message in both scenario
Actual result	Error message was displayed
Conclusion	Test Successful

*Table 52: To check whether incomplete empty actor text box throws error or not*

### Add New Loan

Date Out

Date Due

Date Returned

-- Select Loan Type --

-- Select Member --

-- Select DVD Copy --

**ADD LOAN**   **UPDATE LOAN**   **CLEAR**

### Loan Details

Figure 137: Add new loan form

### Add New Loan

Date Out

Date Due

Date Returned

-- Select Loan Type --

-- Select Member --

-- Select DVD Copy --

**\*\*Loan Type, Member and DVD Copy is required\*\***

**ADD LOAN**

**UPDATE LOAN**

**CLEAR**

Figure 138: Error message is displayed due to empty text box

## Add New Loan

05-Apr-2022

20-May-2022

19-May-2022

-- Select Loan Type --

-- Select Member --

-- Select DVD Copy --

**\*\*Loan Type, Member and DVD Copy is required\*\***

**ADD LOAN**    **UPDATE LOAN**    **CLEAR**

The screenshot shows a user interface for adding a new loan. At the top, there are three date input fields: '05-Apr-2022', '20-May-2022', and '19-May-2022'. Below these are three dropdown menus labeled '-- Select Loan Type --', '-- Select Member --', and '-- Select DVD Copy --'. A red error message at the bottom of the form reads '\*\*Loan Type, Member and DVD Copy is required\*\*'. At the bottom right are three buttons: 'ADD LOAN' (yellow gradient), 'UPDATE LOAN' (teal gradient), and 'CLEAR' (blue gradient).

Figure 139: Error message is displayed due to empty text box

Test8.1: To check whether valid data will be recorded by the system or not

Objectives	To check whether valid data will be recorded by the system or not
Action	1. Visit the Loan page add the valid details in text areas
Expected result	The system should successfully add the loan details to the system
Actual result	loan is added
Conclusion	Test Successful

Table 53: To check whether valid data will be recorded by the system or not

### Add New Loan

05-Apr-2022

20-May-2022

19-May-2022

Short term

Delish

8/5/2020 12:00:00 AM

ADD LOAN    UPDATE LOAN    CLEAR

### Loan Details

Figure 140: Adding new load

The screenshot shows a user interface for managing loans. At the top, there are three buttons: 'ADD LOAN' (blue), 'UPDATE LOAN' (orange), and 'CLEAR' (green). Below these buttons, a green success message box displays the text 'Loan Successfully Added!!'. The main content area is titled 'Loan Details' and contains a table with one row of data. The table has columns for S.N., Date Out, Date Due, Date Returned, Loan Type, and Member. The data in the table is as follows:

S.N.	Date Out	Date Due	Date Returned	Loan Type	Member
1002	Apr 5 2022 12:00AM	May 20 2022 12:00AM	19-May-2022	1	2

At the bottom right of the table, there are two buttons: 'Edit' (blue) and 'Delete' (red). A small copyright notice at the bottom center of the page reads '© All rights Reserved. Ropay DVD 2022'.

*Figure 141: New loan added successfully*

### Update Loan:

Test8.2: To check whether valid data will be updated by the system or not

Objectives	To check whether valid data will be updated by the system or not
Action	1. Visit the Loan page update the added details
Expected result	The system should successfully update the Loan details to the system
Actual result	Loan details is updated
Conclusion	Test Successful

*Table 54: To check whether valid data will be updated by the system or not*

Date Due

Date Returned

-- Select Loan Type --

-- Select Member --

-- Select DVD Copy --

**ADD LOAN**   **UPDATE LOAN**   **CLEAR**

**Loan Details**

S.N.	Date Out	Date Due	Date Returned	Loan Type	Member	
1002	Apr 5 2022 12:00AM	May 20 2022 12:00AM	19-May-2022	1	2	<b>Edit</b> <b>Delete</b>

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Figure 142: Selecting loan details from table

**ADD NEW LOAN**

Apr 5 2022 12:00AM

May 20 2022 12:00AM

19-May-2022

Short term

Delish

8/5/2020 12:00:00 AM

**ADD LOAN**   **UPDATE LOAN**   **CLEAR**

**Loan Details**

S.N.	Date Out	Date Due	Date Returned	Loan Type	Member

Figure 143: Updated loan details from loan form

<a href="#">ADD LOAN</a>	<a href="#">UPDATE LOAN</a>	<a href="#">CLEAR</a>					
<b>Loan Details</b>							
S.N.	Date Out	Date Due	Date Returned	Loan Type	Member	<a href="#">Edit</a>	<a href="#">Delete</a>

Figure 144: Updated successfully

Loan Clear Button:

Member Clear Button

Test1.3: To clear the data from the text area

Objectives	To clear the data from the text area
Action	1. Visit the Loan page fill the text area 2. Click on the clear button
Expected result	The system should successfully clear the Loan details from the system
Actual result	Details cleared
Conclusion	Test Successful

Table 55: To clear the data from the text area

## Add New Loan

Date Out

Date Due

Date Returned

-- Select Loan Type --

-- Select Member --

-- Select DVD Copy --

**ADD LOAN**

**UPDATE LOAN**

**CLEAR**

The form consists of six input fields arranged vertically. Each field has a placeholder text and a small downward arrow icon on its right side. Below these fields are three rectangular buttons with rounded corners, each containing a different action label.

Figure 145: Add new loan form

## Add New Loan

Apr 5 2022 12:00AM

May 20 2022 12:00AM

19-May~2022

Short term

Delish

8/5/2020 12:00:00 AM

**ADD LOAN**    **UPDATE LOAN**    **CLEAR**

### Loan Details

---

Figure 146: Clearing New loan from text

## Add New Loan

The screenshot shows a user interface for adding a new loan. It consists of six input fields arranged vertically, each with a dropdown arrow icon on the right. The fields are labeled: 'Date Out', 'Date Due', 'Date Returned', '-- Select Loan Type --', '-- Select Member --', and '-- Select DVD Copy --'. Below these fields are three colored buttons: a green button labeled 'ADD LOAN', a yellow button labeled 'UPDATE LOAN', and a blue button labeled 'CLEAR'.

Date Out
Date Due
Date Returned
-- Select Loan Type --
-- Select Member --
-- Select DVD Copy --

ADD LOAN      UPDATE LOAN      CLEAR

Figure 147: New loan text is cleareds

## 9. Conclusion

The project has been a fantastic opportunity to try out some ideas for creating a fantastic DVD store management system. The system has several useful features, ranging from adding DVD details to recording DVD sales and generating reports. The system created will undoubtedly be of assistance in easing the arduous task of managing DVDs the old-fashioned way.

We learned how to use ASP.NET and MySQL in this project. It also taught time management to have an efficient workflow. This had been a fantastic experience that taught us how to work with a group and divide work, as well as the value of a positive work environment and cooperative team members. We discovered that working in groups is preferable, but the most difficult aspect is dividing the workload. As a result, a working inventory management system is born.

This project has given us the opportunity to work as a team and try to coordinate with the members to build a system. It tested members' collaborative abilities and reflected each group member's time management skills. It helped us understand the fundamentals of group work and time management to complete our tasks.

This project taught us how to use ASP.NET and MySQL. It also taught time management for efficient workflow. This had been a fantastic experience that taught us how to work with a group and divide work, which helped us realize the importance of an optimal work environment and cooperative team members. We discovered that working in groups is preferable, but dividing the workload is the most difficult aspect. As a result, a functional inventory management system is created.

## 10. References

## 11. Appendix

Pages

```
<%@ Page Title="" Language="C#" MasterPageFile="~/MARRS.Master" AutoEventWireup="true"
CodeBehind="DVDCopy.aspx.cs" Inherits="MARRS.WebForm8" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <div class="container">
        <h2 class="newuser pt-3 pb-3">Add New DVD Copy</h2>
        <form runat="server">
            <asp:TextBox ID="inputCopyNumber" CssClass="form-control" runat="server"
Visible="false"></asp:TextBox>
            <div class="form-row">
                <div class="form-group col-md-6">
                    <div class="wrap-input100 validate-input">
                        <asp:TextBox ID="inputDatePurchased" class="col-md-6
input100Inner" runat="server" placeholder="Date Purchased"></asp:TextBox>
                        <span class="focus-input100"></span>
                    </div>
                    <asp:RequiredFieldValidator ID="RequiredDVDNumber"
ControlToValidate="inputDatePurchased" runat="server"
ValidationGroup="DVDCopyFieldValidation" ForeColor="Red" ErrorMessage="**Date Purchased
is required**"></asp:RequiredFieldValidator>
                <div class="form-group">
                    <asp:DropDownList ID="DVDTITLEDropDown" CssClass="input100Inner
col-md-6" Style="color: #737373; font-size: .8rem; padding: 0.9rem 2.2rem; border: 1px
solid #ced4da;" runat="server">
                </asp:DropDownList>
```

```

        <asp:Label ID="lblError" runat="server" ForeColor="Red" />
    </div>
</div>
<div style="display: flex;" class="mt-4">
    <asp:Button ID="addBtn" CssClass="btn btn-sm btn-grad"
ValidationGroup="DVDCopyFieldValidation" Style="color: #fff; background-color: #21D4FD;
background-image: linear-gradient(to right, #000000 0%, #53346D 51%, #000000 100%); border: none;" runat="server" Text="Add DVD Copy" OnClick="addBtn_Click" />
    <asp:Button ID="updateBtn" CssClass="btn btn-sm btn-grad"
ValidationGroup="DVDCopyFieldValidation" Style="color: #fff; background-color: #21D4FD;
background-image: linear-gradient(to right, #000000 0%, #53346D 51%, #000000 100%); border: none; margin-left: 2rem;" runat="server" Text="Update DVD Copy"
OnClick="updateBtn_Click" />
    <asp:Button ID="clearBtn" class="btn btn-add btn-grad"
Style="color: #fff; background-color: #21D4FD; background-image: linear-gradient(to right, #000000 0%, #53346D 51%, #000000 100%); border: none; margin-left: 2rem;" runat="server" Text="Clear" OnClick="clearBtn_Click" />
</div>

<asp:Panel ID="pnlSuccess" runat="server" Visible="false">
    <div class="alert alert-success mt-3 alert-dismissible fade show"
role="alert">
        <asp:Label ID="alrtSuccess" Text="" runat="server" />
    </div>
</asp:Panel>

<asp:Panel ID="pnlError" runat="server" Visible="false">
    <div class="alert alert-danger mt-3 alert-dismissible fade show"
role="alert">
        <asp:Label ID="alrtError" Text="" runat="server" />
    </div>
</asp:Panel>
<div class="mt-4" style="padding-top: 20px;">
    <h2 class="newuser pt-3 pb-3">DVD Copy Details</h2>
    <div class="table-responsive-lg">
        <asp:GridView ID="DVDCopyGV" CssClass="table" runat="server"
AutoGenerateColumns="False" CellPadding="4" ForeColor="#333333" GridLines="None"
OnRowCommand="GV_RowCommand">
            <AlternatingRowStyle BackColor="White" />
            <Columns>
                <asp:BoundField DataField="CopyNumber" HeaderText="S.N." />
                <asp:BoundField DataField="DatePurchased" HeaderText="Date Purchased" />
                <asp:BoundField DataField="DVDDNumber" HeaderText="DVD Title" />
                <asp:TemplateField>
                    <ItemTemplate>
                        <asp:Button ID="DVDCopyEdit" CssClass="btn btn-primary" runat="server" Text="Edit" CommandName="EditDVDCopy" CommandArgument="<%# ((GridViewRow) Container).RowIndex %>" CausesValidation="false" />
                        <asp:Button ID="DVDCopyDelete" CssClass="btn btn-danger" runat="server" Text="Delete" CommandName="DeleteDVDCopy" CommandArgument="<%# ((GridViewRow) Container).RowIndex %>" CausesValidation="false" />
                    </ItemTemplate>
                </asp:TemplateField>
            </Columns>
        </asp:GridView>
    </div>
</div>

```

```

        <EditRowStyle BackColor="#7C6F57" />
        <FooterStyle BackColor="#1C5E55" Font-Bold="True"
ForeColor="White" />
        <HeaderStyle BackColor="#1C5E55" Font-Bold="True"
ForeColor="White" />
        <PagerStyle BackColor="#666666" ForeColor="White"
HorizontalAlign="Center" />
        <RowStyle BackColor="#E3EAEB" />
        <SelectedRowStyle BackColor="#C5BBAF" Font-Bold="True"
ForeColor="#333333" />
        <SortedAscendingCellStyle BackColor="#F8FAFA" />
        <SortedAscendingHeaderStyle BackColor="#246B61" />
        <SortedDescendingCellStyle BackColor="#D4DFE1" />
        <SortedDescendingHeaderStyle BackColor="#15524A" />
    </asp:GridView>
</div>
</div>
</form>
</div>
</asp:Content>

<%@ Page Title="" Language="C#" MasterPageFile="~/MARRS.Master" AutoEventWireup="true"
CodeBehind="DVDTITLE.aspx.cs" Inherits="MARRS.WebForm11" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <div class="container">
        <h2 class="newuser pt-3 pb-3">Add New DVD Title</h2>
        <form runat="server">
            <asp:TextBox ID="inputDVDNumber" CssClass="form-control" runat="server"
Visible="false"></asp:TextBox>
            <div class="form-row">
                <div class="form-group col-md-6">
                    <div class="wrap-input100 validate-input">
                        <asp:TextBox ID="inputDVDTITLE" class="col-md-6 input100Inner"
runat="server" placeholder="DVD Title"></asp:TextBox>
                        <span class="focus-input100"></span>
                    </div>
                    <asp:RequiredFieldValidator ID="RequiredDVDTITLE"
ControlToValidate="inputDVDTITLE" runat="server"
ValidationGroup="DVDTITLEFieldValidation" ForeColor="Red" ErrorMessage="**Title is
required**"></asp:RequiredFieldValidator>

                    <div class="wrap-input100 validate-input">
                        <asp:TextBox ID="inputStandardCharge" class="col-md-6
input100Inner" runat="server" placeholder="Standard Charge"></asp:TextBox>
                        <span class="focus-input100"></span>
                    </div>
                    <asp:RequiredFieldValidator ID="RequiredStandardCharge"
ControlToValidate="inputStandardCharge" runat="server"
ValidationGroup="DVDTITLEFieldValidation" ForeColor="Red" ErrorMessage="**Standard Charge
is required**"></asp:RequiredFieldValidator>
                    <div class="wrap-input100 validate-input">
                        <asp:TextBox ID="inputPenaltyCharge" class="col-md-6
input100Inner" runat="server" placeholder="Penalty Charge"></asp:TextBox>
                        <span class="focus-input100"></span>
                    </div>
    
```

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        <asp:RequiredFieldValidator ID="RequiredPenaltyCharge"
ControlToValidate="inputPenaltyCharge" runat="server"
ValidationGroup="DVDTITLEFIELDVALIDATION" ForeColor="Red" ErrorMessage="**Penalty Charge
is required"></asp:RequiredFieldValidator>
        <div class="form-group pbD">
            <asp:DropDownList ID="DVDCategoryDropDown"
CssClass="input100Inner col-md-6" Style="color: #737373; font-size: .8rem; padding:
0.9rem 2.2rem; border: 1px solid #ced4da;" runat="server">
                </asp:DropDownList>
        </div>
        <div class="form-group pbD">
            <asp:DropDownList ID="StudioDropDown" CssClass="input100Inner
col-md-6" Style="color: #737373; font-size: .8rem; padding: 0.9rem 2.2rem; border: 1px
solid #ced4da;" runat="server">
                </asp:DropDownList>
        </div>
        <div class="form-group pbD">
            <asp:DropDownList ID="ProducerDropDown" CssClass="input100Inner
col-md-6" Style="color: #737373; font-size: .8rem; padding: 0.9rem 2.2rem; border: 1px
solid #ced4da;" runat="server">
                </asp:DropDownList>
        </div>
        <asp:Label ID="lblError" runat="server" ForeColor="Red" />
    </div>
<div style="display: flex;" class="mt-4">
    <asp:Button ID="addBtn" class="btn btn-grad btn-add"
ValidationGroup="DVDTITLEFIELDVALIDATION" Style="color: #fff; background-color: #21D4FD;
background-image: linear-gradient(to right, #000000 0%, #53346D 51%, #000000 100%);
border: none;" runat="server" Text="Add DVD Title" OnClick="addBtn_Click" />
    <asp:Button ID="updateBtn" class="btn btn-grad btn-add"
ValidationGroup="DVDTITLEFIELDVALIDATION" Style="color: #fff; background-color: #21D4FD;
background-image: linear-gradient(to right, #000000 0%, #53346D 51%, #000000 100%);
border: none; margin-left: 2rem;" runat="server" Text="Update DVD Title"
OnClick="updateBtn_Click" />
    <asp:Button ID="clearBtn" class="btn btn-add btn-grad"
Style="color: #fff; background-color: #21D4FD; background-image: linear-gradient(to
right, #000000 0%, #53346D 51%, #000000 100%); border: none; margin-left: 2rem;" runat="server" Text="Clear" OnClick="clearBtn_Click" />
</div>
<asp:Panel ID="pnlSuccess" runat="server" Visible="false">
    <div class="alert alert-success mt-3 alert-dismissible fade show"
role="alert">
        <asp:Label ID="alrtSuccess" Text="" runat="server" />
    </div>
</asp:Panel>

<asp:Panel ID="pnlError" runat="server" Visible="false">
    <div class="alert alert-danger mt-3 alert-dismissible fade show"
role="alert">
        <asp:Label ID="alrtError" Text="" runat="server" />
    </div>
</asp:Panel>
<div class="mt-4" style="padding-top: 20px;">
    <h2 class="newuser pt-3 pb-3">DVDTITLE Details</h2>
    <div class="table-responsive-lg">

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        <asp:GridView ID="DVDTITLEGV" CssClass="table" runat="server"
AutoGenerateColumns="False" CellPadding="4" ForeColor="#333333" GridLines="None"
OnRowCommand="GV_RowCommand">
    <Columns>
        <asp:BoundField DataField="DVDNumber" HeaderText="S.N." />
        <asp:BoundField DataField="DVDTITLE" HeaderText="DVD Title" />
        <asp:BoundField DataField="StandardCharge" HeaderText="Standard Charge" />
        <asp:BoundField DataField="PenaltyCharge" HeaderText="Penalty Charge" />
        <asp:BoundField DataField="CategoryNumber" HeaderText="Category Number" />
        <asp:BoundField DataField="StudioNumber" HeaderText="Studio Number" />
        <asp:BoundField DataField="ProducerNumber" HeaderText="Producer Number" />
        <asp:TemplateField>
            <ItemTemplate>
                <asp:Button ID="DVDTITLEEdit" CssClass="btn btn-primary" runat="server" Text="Edit" CommandName="EditDVDTITLE" CommandArgument="<%# ((GridViewRow) Container).RowIndex %>" CausesValidation="false" />
                <asp:Button ID="DVDTITLEDelete" CssClass="btn btn-danger" runat="server" Text="Delete" CommandName="DeleteDVDTITLE" CommandArgument="<%# ((GridViewRow) Container).RowIndex %>" CausesValidation="false" />
            </ItemTemplate>
        </asp:TemplateField>
    </Columns>
    <FooterStyle BackColor="White" ForeColor="#333333" />
    <HeaderStyle BackColor="#336666" Font-Bold="True" ForeColor="White" />
    <PagerStyle BackColor="#336666" ForeColor="White" HorizontalAlign="Center" />
    <RowStyle BackColor="White" ForeColor="#333333" />
    <SelectedRowStyle BackColor="#339966" Font-Bold="True" ForeColor="White" />
    <SortedAscendingCellStyle BackColor="#F7F7F7" />
    <SortedAscendingHeaderStyle BackColor="#487575" />
    <SortedDescendingCellStyle BackColor="#E5E5E5" />
    <SortedDescendingHeaderStyle BackColor="#275353" />
</asp:GridView>
</div>
</div>
</form>
</div>
</asp:Content>
<%@ Page Title="" Language="C#" MasterPageFile="~/MARRS.Master" AutoEventWireup="true"
CodeBehind="Loan.aspx.cs" Inherits="MARRS.WebForm10" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <div class="container">
        <h2 class="newuser pt-3 pb-3">Add New Loan</h2>
        <form runat="server">
            <asp:TextBox ID="inputLoanNumber" CssClass="form-control" runat="server" Visible="false"></asp:TextBox>

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<div class="form-row">
    <div class="form-group col-md-6">
        <div class="wrap-input100 validate-input">
            <asp:TextBox ID="inputDateOut" class="col-md-6 input100Inner"
runat="server" AutoCompleteType="Disabled" placeholder="Date Out"></asp:TextBox>
                <span class="focus-input100"></span>
        </div>
        <asp:RequiredFieldValidator ID="RequiredDateOut"
ControlToValidate="inputDateOut" runat="server" ValidationGroup="LoanFieldValidation"
ForeColor="Red" ErrorMessage="**Date Out is required**"></asp:RequiredFieldValidator>
        <div class="wrap-input100 validate-input">
            <asp:TextBox ID="inputDateDue" class="col-md-6 input100Inner"
runat="server" AutoCompleteType="Disabled" placeholder="Date Due"></asp:TextBox>
                <span class="focus-input100"></span>
        </div>
        <asp:RequiredFieldValidator ID="RequiredDateDue"
ControlToValidate="inputDateDue" runat="server" ValidationGroup="LoanFieldValidation"
ForeColor="Red" ErrorMessage="**Date Due is required**"></asp:RequiredFieldValidator>
        <div class="wrap-input100 validate-input pb-4">
            <asp:TextBox ID="inputDateReturned" class="col-md-6
input100Inner" runat="server" AutoCompleteType="Disabled" placeholder="Date
Returned"></asp:TextBox>

                <span class="focus-input100"></span>
        </div>
        <div class="form-group pbD">
            <asp:DropDownList ID="LoanTypeDropDown" CssClass="input100Inner
col-md-6" Style="color: #737373; font-size: .8rem; padding: 0.9rem 2.2rem; border: 1px
solid #ced4da;" runat="server">
                </asp:DropDownList>
        </div>
        <div class="form-group pbD">
            <asp:DropDownList ID="MemberDropDown" CssClass="input100Inner
col-md-6" Style="color: #737373; font-size: .8rem; padding: 0.9rem 2.2rem; border: 1px
solid #ced4da;" runat="server">
                </asp:DropDownList>
        </div>
        <div class="form-group pbD">
            <asp:DropDownList ID="DVDCopyDropDown" CssClass="input100Inner
col-md-6" Style="color: #737373; font-size: .8rem; padding: 0.9rem 2.2rem; border: 1px
solid #ced4da;" runat="server">
                </asp:DropDownList>
        </div>
        <asp:Label ID="lblError" runat="server" ForeColor="Red" />
    </div>
<div style="display: flex" class="mt-4">
    <asp:Button ID="addBtn" class="btn btn-add btn-grad"
ValidationGroup="LoanFieldValidation" Style="color: #fff; background-color: #21D4FD;
background-image: linear-gradient(to right, #000000 0%, #53346D 51%, #000000 100%);
border: none;" runat="server" Text="Add Loan" OnClick="addBtn_Click" />
    <asp:Button ID="updateBtn" class="btn btn-add btn-grad"
ValidationGroup="LoanFieldValidation" Style="color: #fff; background-color: #21D4FD;
background-image: linear-gradient(to right, #000000 0%, #53346D 51%, #000000 100%);
border: none; margin-left: 2rem;" runat="server" Text="Update Loan"
OnClick="updateBtn_Click" />
    <asp:Button ID="clearBtn" class="btn btn-add btn-grad" Style="color:
#fff; background-color: #21D4FD; background-image: linear-gradient(to right, #000000 0%,

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#53346D 51%, #000000 100%); border: none; margin-left: 2rem;" runat="server" Text="Clear"
OnClick="clearBtn_Click" />

    </div>

    <asp:Panel ID="pnlSuccess" runat="server" Visible="false">
        <div class="alert alert-success mt-3 alert-dismissible fade show"
role="alert">
            <asp:Label ID="alrtSuccess" Text="" runat="server" />
        </div>
    </asp:Panel>

    <asp:Panel ID="pnlError" runat="server" Visible="false">
        <div class="alert alert-danger mt-3 alert-dismissible fade show"
role="alert">
            <asp:Label ID="alrtError" Text="" runat="server" />
        </div>
    </asp:Panel>
    <div class="mt-4" style="padding-top: 20px;">
        <h2 class="newuser pt-3 pb-3">Loan Details</h2>
        <div class="table-responsive-lg">
            <asp:GridView ID="LoanGV" CssClass="table" runat="server"
AutoGenerateColumns="False" CellPadding="4" ForeColor="#333333" GridLines="None"
OnRowCommand="GV_RowCommand">
                <Columns>
                    <asp:BoundField DataField="LoanNumber" HeaderText="S.N." />
                    <asp:BoundField DataField="DateOut" HeaderText="Date Out" />
                    <asp:BoundField DataField="DateDue" HeaderText="Date Due" />
                    <asp:BoundField DataField="DateReturned" HeaderText="Date
Returned" />
                    <asp:BoundField DataField="LoanTypeNumber" HeaderText="Loan
Type" />
                    <asp:BoundField DataField="MemberNumber" HeaderText="Member"
/>
                <asp:TemplateField>
                    <ItemTemplate>
                        <asp:Button ID="LoanEdit" CssClass="btn btn-primary"
runat="server" Text="Edit" CommandName="EditLoan" CommandArgument="<%# ((GridViewRow)
Container).RowIndex %>" CausesValidation="false" />
                        <asp:Button ID="LoanDelete" CssClass="btn btn-danger"
runat="server" Text="Delete" CommandName="DeleteLoan" CommandArgument="<%# ((GridViewRow)
Container).RowIndex %>" CausesValidation="false" />
                    </ItemTemplate>
                </asp:TemplateField>
            </Columns>
            <FooterStyle BackColor="White" ForeColor="#333333" />
            <HeaderStyle BackColor="#336666" Font-Bold="True"
ForeColor="White" />
            <PagerStyle BackColor="#336666" ForeColor="White"
HorizontalAlign="Center" />
            <RowStyle BackColor="White" ForeColor="#333333" />
            <SelectedRowStyle BackColor="#339966" Font-Bold="True"
ForeColor="White" />
            <SortedAscendingCellStyle BackColor="#F7F7F7" />
            <SortedAscendingHeaderStyle BackColor="#487575" />
            <SortedDescendingCellStyle BackColor="#E5E5E5" />
            <SortedDescendingHeaderStyle BackColor="#275353" />
        </asp:GridView>
    </div>

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        </div>
    </div>
</form>
</div>
<script>
    const myDatePicker1 = MCDatepicker.create({
        el: '#ContentPlaceHolder1_inputDateOut',
    })
    const myDatePicker2 = MCDatepicker.create({
        el: '#ContentPlaceHolder1_inputDateDue',
    })
    const myDatePicker3 = MCDatepicker.create({
        el: '#ContentPlaceHolder1_inputDateReturned',
    })
</script>
</asp:Content>
<%@ Page Title="" Language="C#" MasterPageFile "~/MARRS.Master" AutoEventWireup="true"
CodeBehind="Member.aspx.cs" Inherits="MARRS.WebForm9" %>

<asp:Content ID="Content1" ContentPlaceholderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceholderID="ContentPlaceHolder1" runat="server">
    <div class="container">
        <h2 class="newuser pt-3 pb-3">Add New Member</h2>
        <form runat="server">
            <asp:TextBox ID="inputMemberNumber" CssClass="form-control" runat="server"
Visible="false"></asp:TextBox>
            <div class="form-row">
                <div class="form-group col-md-6">
                    <div class="wrap-input100 validate-input">
                        <asp:TextBox ID="inputMemberFirstName" class="col-md-6
input100Inner" TextMode="Search" AutoCompleteType="Disabled" runat="server"
placeholder="First Name"></asp:TextBox>
                        <span class="focus-input100"></span>
                    </div>
                    <asp:RequiredFieldValidator ID="RequiredMemberFirstName"
ControlToValidate="inputMemberFirstName" runat="server"
ValidationGroup="MemberFieldValidation" ForeColor="Red" ErrorMessage="**First Name is
required*></asp:RequiredFieldValidator>

                    <div class="wrap-input100 validate-input">
                        <asp:TextBox ID="inputMemberLastName" class="col-md-6
input100Inner" runat="server" TextMode="Search" AutoCompleteType="Disabled"
placeholder="Last Name"></asp:TextBox>
                        <span class="focus-input100"></span>
                    </div>
                    <asp:RequiredFieldValidator ID="RequiredMemberLastName"
ControlToValidate="inputMemberLastName" runat="server"
ValidationGroup="MemberFieldValidation" ForeColor="Red" ErrorMessage="**Last Name is
required*></asp:RequiredFieldValidator>

                    <div class="wrap-input100 validate-input">
                        <asp:TextBox ID="inputMemberAddress" class="col-md-6
input100Inner" runat="server" TextMode="Search" AutoCompleteType="Disabled"
placeholder="Address"></asp:TextBox>
                        <span class="focus-input100"></span>
                    </div>

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        <asp:RequiredFieldValidator ID="RequiredMemberAddress"
ControlToValidate="inputMemberAddress" runat="server"
ValidationGroup="MemberFieldValidation" ForeColor="Red" ErrorMessage="**Address is
required**"></asp:RequiredFieldValidator>
        <div class="wrap-input100 validate-input">
            <asp:TextBox ID="inputMemberDateOfBirth" class="col-md-6
input100Inner" TextMode="Search" AutoCompleteType="Disabled" runat="server"
placeholder="Date Of Birth"></asp:TextBox>
            <span class="focus-input100"></span>
        </div>
        <asp:RequiredFieldValidator ID="RequiredMemberDateOfBirth"
ControlToValidate="inputMemberDateOfBirth" runat="server"
ValidationGroup="MemberFieldValidation" ForeColor="Red" ErrorMessage="**Date of Birth is
required**"></asp:RequiredFieldValidator>
        <div class="form-group pbD">
            <asp:DropDownList ID="MembershipCategoryDropDown" CssClass="col-
md-6 input100Inner" Style="color: #737373; font-size: .8rem; padding: 0.9rem 2.2rem;
border: 1px solid #ced4da;" runat="server">
        </asp:DropDownList>
    </div>
    <asp:Label ID="lblError" runat="server" ForeColor="Red" />
</div>
<div style="display: flex" class="mt-4">
    <asp:Button ID="addBtn" class="btn btn-add btn-grad"
ValidationGroup="MemberFieldValidation" Style="color: #fff; background-color: #21D4FD;
background-image: linear-gradient(to right, #000000 0%, #53346D 51%, #000000 100%);
border: none;" runat="server" Text="Add Member" OnClick="addBtn_Click" />
    <asp:Button ID="updateBtn" class="btn btn-add btn-grad"
ValidationGroup="MemberFieldValidation" Style="color: #fff; background-color: #21D4FD;
background-image: linear-gradient(to right, #000000 0%, #53346D 51%, #000000 100%);
border: none; margin-left: 2rem;" runat="server" Text="Update Member"
OnClick="updateBtn_Click" />
    <asp:Button ID="clearBtn" class="btn btn-add btn-grad" Style="color:
#fff; background-color: #21D4FD; background-image: linear-gradient(to right, #000000 0%,
#53346D 51%, #000000 100%); border: none; margin-left: 2rem;" runat="server" Text="Clear"
OnClick="clearBtn_Click" />
</div>
<asp:Panel ID="pnlSuccess" runat="server" Visible="false">
    <div class="alert alert-success mt-3 alert-dismissible fade show"
role="alert">
        <asp:Label ID="alrtSuccess" Text="" runat="server" />
    </div>
</asp:Panel>

<asp:Panel ID="pnlError" runat="server" Visible="false">
    <div class="alert alert-danger mt-3 alert-dismissible fade show"
role="alert">
        <asp:Label ID="alrtError" Text="" runat="server" />
    </div>
</asp:Panel>
<div class="mt-4" style="padding-top: 20px;">
    <h2 class="newuser pt-3 pb-3">Member Details</h2>
    <div class="table-responsive-lg">
        <asp:GridView ID="MemberGV" CssClass="table" runat="server"
AutoGenerateColumns="False" CellPadding="4" ForeColor="#333333" GridLines="None"
OnRowCommand="GV_RowCommand">
            <Columns>

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        <asp:BoundField DataField="MemberNumber" HeaderText="S.N." />
        <asp:BoundField DataField="MemberFirstName" HeaderText="First
Name" />
        <asp:BoundField DataField="MemberLastName" HeaderText="Last
Name" />
        <asp:BoundField DataField="MemberAddress" HeaderText="Address" />
        <asp:BoundField DataField="MemberDateOfBirth" HeaderText="Date Of Birth" />
        <asp:BoundField DataField="MembershipCategoryNumber" HeaderText="Membership Category" />
        <asp:TemplateField>
            <ItemTemplate>
                <asp:Button ID="MemberEdit" CssClass="btn btn-primary" runat="server" Text="Edit" CommandName="EditMember" CommandArgument="<%#((GridViewRow) Container).RowIndex %>" CausesValidation="false" />
                <asp:Button ID="MemberDelete" CssClass="btn btn-danger" runat="server" Text="Delete" CommandName="DeleteMember" CommandArgument="<%#((GridViewRow) Container).RowIndex %>" CausesValidation="false" />
            </ItemTemplate>
        </asp:TemplateField>
    </Columns>
    <FooterStyle BackColor="White" ForeColor="#333333" />
    <HeaderStyle BackColor="#336666" Font-Bold="True" ForeColor="White" />
    <PagerStyle BackColor="#336666" ForeColor="White" HorizontalAlign="Center" />
    <RowStyle BackColor="White" ForeColor="#333333" />
    <SelectedRowStyle BackColor="#339966" Font-Bold="True" ForeColor="White" />
    <SortedAscendingCellStyle BackColor="#F7F7F7" />
    <SortedAscendingHeaderStyle BackColor="#487575" />
    <SortedDescendingCellStyle BackColor="#E5E5E5" />
    <SortedDescendingHeaderStyle BackColor="#275353" />
</asp:GridView>
</div>
</div>
</form>
</div>
<script>
    const myDatePicker1 = MCDaterangepicker.create({
        el: '#ContentPlaceHolder1_inputMemberDateOfBirth',
    })
</script>
</asp:Content>
<%@ Page Title="" Language="C#" MasterPageFile="~/MARRS.Master" AutoEventWireup="true"
CodeBehind="Actor.aspx.cs" Inherits="MARRS.WebForm2" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <div class="container">
        <h2 class="newuser pt-3 pb-3">Add New Actor</h2>
        <form runat="server">
            <asp:TextBox ID="inputActorNumber" CssClass="form-control" runat="server" Visible="false"></asp:TextBox>
            <div class="form-row">
                <div class="form-group col-md-6">

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        <div class="wrap-input100 validate-input">
            <asp:TextBox ID="inputActorFirstName" class="col-md-6
input100Inner" runat="server" placeholder="First Name"></asp:TextBox>
            <span class="focus-input100"></span>
        </div>
        <asp:RequiredFieldValidator ID="RequiredActorFirstName"
ControlToValidate="inputActorFirstName" runat="server"
ValidationGroup="ActorFieldValidation" ForeColor="Red" ErrorMessage="**First Name is
required**"></asp:RequiredFieldValidator>

        <div class="wrap-input100 validate-input">
            <asp:TextBox ID="inputActorSurName" class="col-md-6
input100Inner" runat="server" placeholder="Last Name"></asp:TextBox>
            <span class="focus-input100"></span>
        </div>
        <asp:RequiredFieldValidator ID="RequiredActorSurName"
ControlToValidate="inputActorSurName" runat="server"
ValidationGroup="ActorFieldValidation" ForeColor="Red" ErrorMessage="**Last Name is
required**"></asp:RequiredFieldValidator>
    </div>
    <div style="display: flex">
        <asp:Button ID="addBtn" class="btn btn-add btn-grad"
ValidationGroup="ActorFieldValidation" Style="color: #fff; background-color: #21D4FD;
background-image: linear-gradient(to right, #000000 0%, #53346D 51%, #000000 100%);
border: none;" runat="server" Text="Add Actor" OnClick="addBtn_Click" />
        <asp:Button ID="updateBtn" class="btn btn-add btn-grad"
ValidationGroup="ActorFieldValidation" Style="color: #fff; background-color: #21D4FD;
background-image: linear-gradient(to right, #000000 0%, #53346D 51%, #000000 100%);
border: none; margin-left: 2rem;" runat="server" Text="Update Actor"
OnClick="updateBtn_Click" />
        <asp:Button ID="clearBtn" class="btn btn-add btn-grad" Style="color:
#fff; background-color: #21D4FD; background-image: linear-gradient(to right, #000000 0%,
#53346D 51%, #000000 100%); border: none; margin-left: 2rem;" runat="server" Text="Clear"
OnClick="clearBtn_Click" />
    </div>
    <asp:Panel ID="pnlSuccess" runat="server" Visible="false">
        <div class="alert alert-success mt-3 alert-dismissible fade show"
role="alert">
            <asp:Label ID="alrtSuccess" Text="" runat="server" />
        </div>
    </asp:Panel>

    <asp:Panel ID="pnlError" runat="server" Visible="false">
        <div class="alert alert-danger mt-3 alert-dismissible fade show"
role="alert">
            <asp:Label ID="alrtError" Text="" runat="server" />
        </div>
    </asp:Panel>
    <div class="mt-4" style="padding-top: 20px;">
        <h2 class="newuser pt-3 pb-3">Actor Details</h2>
        <div class="table-responsive-lg">
            <asp:GridView ID="ActorGV" CssClass="table" runat="server"
AutoGenerateColumns="False" CellPadding="4" OnRowCommand="GV_RowCommand">
                <Columns>
                    <asp:BoundField DataField="ActorNumber" HeaderText="S.N." />
                    <asp:BoundField DataField="ActorFirstName" HeaderText="First
Name" />

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        <asp:BoundField DataField="ActorSurName" HeaderText="Last
Name" />
        <asp:TemplateField>
            <ItemTemplate>
                <asp:Button ID="ActorEdit" CssClass="btn btn-primary"
runat="server" Text="Edit" CommandName="EditActor" CommandArgument="<%# ((GridViewRow)
Container).RowIndex %>" CausesValidation="false" />
                <asp:Button ID="ActorDelete" CssClass="btn btn-
danger" runat="server" Text="Delete" CommandName="DeleteActor" CommandArgument="<%#
((GridViewRow) Container).RowIndex %>" CausesValidation="false" />
            </ItemTemplate>
        </asp:TemplateField>
    </Columns>
    <FooterStyle BackColor="White" ForeColor="#333333" />
    <HeaderStyle BackColor="#336666" Font-Bold="True"
ForeColor="White" />
    <PagerStyle BackColor="#336666" ForeColor="White"
HorizontalAlign="Center" />
    <RowStyle BackColor="White" ForeColor="#333333" />
    <SelectedRowStyle BackColor="#339966" Font-Bold="True"
ForeColor="White" />
    <SortedAscendingCellStyle BackColor="#F7F7F7" />
    <SortedAscendingHeaderStyle BackColor="#487575" />
    <SortedDescendingCellStyle BackColor="#E5E5E5" />
    <SortedDescendingHeaderStyle BackColor="#275353" />
</asp:GridView>
</div>
</div>
</form>
</div>
</asp:Content>
<%@ Page Title="" Language="C#" MasterPageFile="~/MARRS.Master" AutoEventWireup="true"
CodeBehind="DVDCategory.aspx.cs" Inherits="MARRS.WebForm3" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <div class="container">
        <h2 class="newuser pt-3 pb-3">Add New DVD Category</h2>
        <form runat="server">
            <asp:TextBox ID="inputCategoryNumber" CssClass="form-control" runat="server"
Visible="false"></asp:TextBox>
            <div class="form-row">
                <div class="form-group col-md-6">
                    <div class="wrap-input100 validate-input">
                        <asp:TextBox ID="inputCategoryDescription" class="col-md-6
input100Inner" runat="server" placeholder="Category Description"></asp:TextBox>
                        <span class="focus-input100"></span>
                    </div>
                    <asp:RequiredFieldValidator ID="RequiredCategoryDescription"
ControlToValidate="inputCategoryDescription" runat="server"
ValidationGroup="ActorFieldValidation" ForeColor="Red" ErrorMessage="**Description is
required**"></asp:RequiredFieldValidator>
                    <br />
                    <asp:DropDownList ID="AgeRestrictedDropDown" CssClass="col-md-6
input100Inner" Style="color: #737373; font-size: .8rem; padding: 0.9rem 2.2rem; border:
1px solid #ced4da;" runat="server">
                        <asp:ListItem>-- Select Age Restriction --</asp:ListItem>

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        <asp:ListItem Value="True">Yes</asp:ListItem>
        <asp:ListItem Value="False">No</asp:ListItem>
    </asp:DropDownList>
    <asp:RequiredFieldValidator ID="RequiredAgeRestricted"
ControlToValidate="AgeRestrictedDropDown" runat="server"
ValidationGroup="ActorFieldValidation" ForeColor="Red" ErrorMessage="**Age Restriction is
required**" InitialValue="-- Select Age Restriction --"></asp:RequiredFieldValidator>
    </div>
</div>
<div style="display: flex">
    <asp:Button ID="addBtn" class="btn btn-add btn-grad"
ValidationGroup="ActorFieldValidation" Style="color: #fff; background-color: #21D4FD;
background-image: linear-gradient(to right, #000000 0%, #53346D 51%, #000000 100%); border: none;" runat="server" Text="Add DVD Category" OnClick="addBtn_Click" />
    <asp:Button ID="updateBtn" class="btn btn-add btn-grad"
ValidationGroup="ActorFieldValidation" Style="color: #fff; background-color: #21D4FD;
background-image: linear-gradient(to right, #000000 0%, #53346D 51%, #000000 100%); border: none; margin-left: 2rem;" runat="server" Text="Update DVD Category"
OnClick="updateBtn_Click" />
    <asp:Button ID="clearBtn" class="btn btn-add btn-grad"
Style="color: #fff; background-color: #21D4FD; background-image: linear-gradient(to right, #000000 0%, #53346D 51%, #000000 100%); border: none; margin-left: 2rem;" runat="server" Text="Clear" OnClick="clearBtn_Click" />
</div>

    <asp:Panel ID="pnlSuccess" runat="server" Visible="false">
        <div class="alert alert-success mt-3 alert-dismissible fade show"
role="alert">
            <asp:Label ID="alrtSuccess" Text="" runat="server" />
        </div>
    </asp:Panel>

    <asp:Panel ID="pnlError" runat="server" Visible="false">
        <div class="alert alert-danger mt-3 alert-dismissible fade show"
role="alert">
            <asp:Label ID="alrtError" Text="" runat="server" />
        </div>
    </asp:Panel>
    <div class="mt-4" style="padding-top: 20px;">
        <h2 class="newuser pt-3 pb-3">DVD Category Details</h2>
        <div class="table-responsive-lg">
            <asp:GridView ID="DVDCategoryGV" CssClass="table" runat="server"
AutoGenerateColumns="False" CellPadding="4" GridLines="Horizontal"
OnRowCommand="GV_RowCommand">
                <Columns>
                    <asp:BoundField DataField="CategoryNumber" HeaderText="S.N."
/>
                    <asp:BoundField DataField="CategoryDescription"
HeaderText="Description" />
                    <asp:BoundField DataField="AgeRestricted" HeaderText="Age
Restricted" />
                    <asp:TemplateField>
                        <ItemTemplate>
                            <asp:Button ID="DVDCategoryEdit" CssClass="btn btn-primary"
runat="server" Text="Edit" CommandName="EditDVDCategory" CommandArgument="<%#((GridViewRow) Container).RowIndex %>" CausesValidation="false" />
                        </ItemTemplate>
                </Columns>
            </asp:GridView>
        </div>
    </div>

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        <asp:Button ID="DVDCategoryDelete" CssClass="btn btn-
danger" runat="server" Text="Delete" CommandName="DeleteDVDCategory" CommandArgument="<%#
((GridViewRow) Container).RowIndex %>" CausesValidation="false" />
    </ItemTemplate>
</asp:TemplateField>
</Columns>
<FooterStyle BackColor="White" ForeColor="#333333" />
<HeaderStyle BackColor="#336666" Font-Bold="True"
ForeColor="White" />
<PagerStyle BackColor="#336666" ForeColor="White"
HorizontalAlign="Center" />
<RowStyle BackColor="White" ForeColor="#333333" />
<SelectedRowStyle BackColor="#339966" Font-Bold="True"
ForeColor="White" />
<SortedAscendingCellStyle BackColor="#F7F7F7" />
<SortedAscendingHeaderStyle BackColor="#487575" />
<SortedDescendingCellStyle BackColor="#E5E5E5" />
<SortedDescendingHeaderStyle BackColor="#275353" />
</asp:GridView>
</div>
</div>
</form>
</div>
</asp:Content>
<%@ Page Title="" Language="C#" MasterPageFile="~/MARRS.Master" AutoEventWireup="true"
CodeBehind="LoanType.aspx.cs" Inherits="MARRS.WebForm4" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <div class="container">
        <h2 class="newuser pt-3 pb-3">Add New Loan Type</h2>
        <form runat="server">
            <asp:TextBox ID="inputLoanTypeNumber" CssClass="form-control" runat="server"
Visible="false"></asp:TextBox>
            <div class="form-row">
                <div class="form-group col-md-6">
                    <div class="wrap-input100 validate-input">
                        <asp:TextBox ID="inputLoanType" class="col-md-6 input100Inner"
runat="server" placeholder="Type"></asp:TextBox>
                        <span class="focus-input100"></span>
                    </div>
                    <asp:RequiredFieldValidator ID="RequiredLoanType"
ControlToValidate="inputLoanType" runat="server" ValidationGroup="ActorFieldValidation"
ForeColor="Red" ErrorMessage="**Type is required**"></asp:RequiredFieldValidator>
                    <div class="wrap-input100 validate-input">
                        <asp:TextBox ID="inputLoanDuration" class="col-md-6
input100Inner" runat="server" placeholder="Duration"></asp:TextBox>
                        <span class="focus-input100"></span>
                    </div>
                    <asp:RequiredFieldValidator ID="RequiredLoanDuration"
ControlToValidate="inputLoanDuration" runat="server"
ValidationGroup="ActorFieldValidation" ForeColor="Red" ErrorMessage="**Duration is
required**"></asp:RequiredFieldValidator>
                </div>
            </div>
            <div style="display: flex">

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        <asp:Button ID="addBtn" class="btn btn-add btn-grad"
ValidationGroup="ActorFieldValidation" Style="color: #fff; background-color: #21D4FD;
background-image: linear-gradient(to right, #000000 0%, #53346D 51%, #000000 100%); border: none;" runat="server" Text="Add Loan Type" OnClick="addBtn_Click" />
        <asp:Button ID="updateBtn" class="btn btn-add btn-grad"
ValidationGroup="ActorFieldValidation" Style="color: #fff; background-color: #21D4FD;
background-image: linear-gradient(to right, #000000 0%, #53346D 51%, #000000 100%); border: none; margin-left: 2rem;" runat="server" Text="Update Loan Type" OnClick="updateBtn_Click" />
        <asp:Button ID="clearBtn" class="btn btn-add btn-grad" Style="color: #fff; background-color: #21D4FD; background-image: linear-gradient(to right, #000000 0%, #53346D 51%, #000000 100%); border: none; margin-left: 2rem;" runat="server" Text="Clear" OnClick="clearBtn_Click" />
    </div>
    <asp:Panel ID="pnlSuccess" runat="server" Visible="false">
        <div class="alert alert-success mt-3 alert-dismissible fade show" role="alert">
            <asp:Label ID="alrtSuccess" Text="" runat="server" />
        </div>
    </asp:Panel>

    <asp:Panel ID="pnlError" runat="server" Visible="false">
        <div class="alert alert-danger mt-3 alert-dismissible fade show" role="alert">
            <asp:Label ID="alrtError" Text="" runat="server" />
        </div>
    </asp:Panel>
    <div class="mt-4" style="padding-top: 20px;">
        <h2 class="newuser pt-3 pb-3">Loan Type Details</h2>
        <div class="table-responsive-lg">
            <asp:GridView ID="LoanTypeGV" CssClass="table" runat="server" AutoGenerateColumns="False" CellPadding="4" GridLines="Horizontal" OnRowCommand="GV_RowCommand">
                <Columns>
                    <asp:BoundField DataField="LoanTypeNumber" HeaderText="S.N." />
                    <asp:BoundField DataField="LoanType" HeaderText="Type" />
                    <asp:BoundField DataField="LoanDuration" HeaderText="Duration" />
                    <asp:TemplateField>
                        <ItemTemplate>
                            <asp:Button ID="LoanTypeEdit" CssClass="btn btn-primary" runat="server" Text="Edit" CommandName="EditLoanType" CommandArgument="<%# ((GridViewRow) Container).RowIndex %>" CausesValidation="false" />
                            <asp:Button ID="LoanTypeDelete" CssClass="btn btn-danger" runat="server" Text="Delete" CommandName="DeleteLoanType" CommandArgument="<%# ((GridViewRow) Container).RowIndex %>" CausesValidation="false" />
                        </ItemTemplate>
                    </asp:TemplateField>
                </Columns>
                <FooterStyle BackColor="White" ForeColor="#333333" />
                <HeaderStyle BackColor="#336666" Font-Bold="True" ForeColor="White" />
                <PagerStyle BackColor="#336666" ForeColor="White" HorizontalAlign="Center" />
                <RowStyle BackColor="White" ForeColor="#333333" />
                <SelectedRowStyle BackColor="#339966" Font-Bold="True" ForeColor="White" />
            </asp:GridView>
        </div>
    </div>

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        <SortedAscendingCellStyle BackColor="#F7F7F7" />
        <SortedAscendingHeaderStyle BackColor="#487575" />
        <SortedDescendingCellStyle BackColor="#E5E5E5" />
        <SortedDescendingHeaderStyle BackColor="#275353" />
    </asp:GridView>
    </div>
</div>
</form>
</div>
</asp:Content>
<%@ Page Title="" Language="C#" MasterPageFile="~/MARRS.Master" AutoEventWireup="true"
CodeBehind="MembershipCategory.aspx.cs" Inherits="MARRS.WebForm5" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <div class="container">
        <h2 class="newuser pt-3 pb-3">Add New Membership Category</h2>
        <form runat="server">
            <asp:TextBox ID="inputMembershipCategoryNumber" CssClass="form-control"
runat="server" Visible="false"/></asp:TextBox>
            <div class="form-row">
                <div class="form-group col-md-6">
                    <div class="wrap-input100 validate-input">
                        <asp:TextBox ID="inputMembershipCategoryDescription" class="col-
md-6 input100Inner" runat="server" placeholder="Description"></asp:TextBox>

                        <span class="focus-input100"></span>
                    </div>
                    <asp:RequiredFieldValidator
ID="RequiredMembershipCategoryDescription"
ControlToValidate="inputMembershipCategoryDescription" runat="server"
ValidationGroup="ActorFieldValidation" ForeColor="Red" ErrorMessage="**Description is
required**"></asp:RequiredFieldValidator>
                    <div class="wrap-input100 validate-input">
                        <asp:TextBox ID="inputMembershipCategoryTotalLoans" class="col-
md-6 input100Inner" runat="server" placeholder="Total Loans"></asp:TextBox>

                        <span class="focus-input100"></span>
                    </div>
                    <asp:RequiredFieldValidator ID="RequiredMembershipCategoryTotalLoans"
ControlToValidate="inputMembershipCategoryTotalLoans" runat="server"
ValidationGroup="ActorFieldValidation" ForeColor="Red" ErrorMessage="**Total Loans is
required**"></asp:RequiredFieldValidator>
                </div>
            </div>
            <div style="display: flex">
                <asp:Button ID="addBtn" class="btn btn-add btn-grad"
ValidationGroup="ActorFieldValidation" Style="color: #fff; background-color: #21D4FD;
background-image: linear-gradient(to right, #000000 0%, #53346D 51%, #000000 100%);
border: none;" runat="server" Text="Add Membership Category" OnClick="addBtn_Click" />
                <asp:Button ID="updateBtn" class="btn btn-add btn-grad"
ValidationGroup="ActorFieldValidation" Style="color: #fff; background-color: #21D4FD;
background-image: linear-gradient(to right, #000000 0%, #53346D 51%, #000000 100%);
border: none; margin-left: 2rem;" runat="server" Text="Update Membership Category"
OnClick="updateBtn_Click" />
                <asp:Button ID="clearBtn" class="btn btn-add btn-grad"
Style="color: #fff; background-color: #21D4FD; background-image: linear-gradient(to

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right, #000000 0%, #53346D 51%, #000000 100%); border: none; margin-left: 2rem;" runat="server" Text="Clear" OnClick="clearBtn_Click" />
    </div>
    <asp:Panel ID="pnlSuccess" runat="server" Visible="false">
        <div class="alert alert-success mt-3 alert-dismissible fade show" role="alert">
            <asp:Label ID="alrtSuccess" Text="" runat="server" />
        </div>
    </asp:Panel>

    <asp:Panel ID="pnlError" runat="server" Visible="false">
        <div class="alert alert-danger mt-3 alert-dismissible fade show" role="alert">
            <asp:Label ID="alrtError" Text="" runat="server" />
        </div>
    </asp:Panel>
    <div class="mt-4" style="padding-top: 20px;">
        <h2 class="newuser pt-3 pb-3">Membership Category Details</h2>
        <div class="table-responsive-lg">
            <asp:GridView ID="MembershipCategoryGV" CssClass="table" runat="server" AutoGenerateColumns="False" OnRowCommand="GV_RowCommand">
                <Columns>
                    <asp:BoundField DataField="MembershipCategoryNumber" HeaderText="S.N." />
                    <asp:BoundField DataField="MembershipCategoryDescription" HeaderText="Description" />
                    <asp:BoundField DataField="MembershipCategoryTotalLoans" HeaderText="Total Loans" />
                    <asp:TemplateField>
                        <ItemTemplate>
                            <asp:Button ID="MembershipCategoryEdit" CssClass="btn btn-primary" runat="server" Text="Edit" CommandName="EditMembershipCategory" CommandArgument="<%# ((GridViewRow) Container).RowIndex %>" CausesValidation="false" />
                            <asp:Button ID="MembershipCategoryDelete" CssClass="btn btn-danger" runat="server" Text="Delete" CommandName="DeleteMembershipCategory" CommandArgument="<%# ((GridViewRow) Container).RowIndex %>" CausesValidation="false" />
                        </ItemTemplate>
                    </asp:TemplateField>
                </Columns>
                <FooterStyle BackColor="White" ForeColor="#333333" />
                <HeaderStyle BackColor="#336666" Font-Bold="True" ForeColor="White" />
                <PagerStyle BackColor="#336666" ForeColor="White" HorizontalAlign="Center" />
                <RowStyle BackColor="White" ForeColor="#333333" />
                <SelectedRowStyle BackColor="#339966" Font-Bold="True" ForeColor="White" />
                <SortedAscendingCellStyle BackColor="#F7F7F7" />
                <SortedAscendingHeaderStyle BackColor="#487575" />
                <SortedDescendingCellStyle BackColor="#E5E5E5" />
                <SortedDescendingHeaderStyle BackColor="#275353" />
            </asp:GridView>
        </div>
    </div>
</form>
</div>
</asp:Content>

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<%@ Page Title="" Language="C#" MasterPageFile "~/MARRS.Master" AutoEventWireup="true"
CodeBehind="Producer.aspx.cs" Inherits="MARRS.WebForm6" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <div class="container">
        <h2 class="newuser pt-3 pb-3">Add New Producer</h2>
        <form runat="server">
            <asp:TextBox ID="inputProducerNumber" CssClass="form-control" runat="server"
Visible="false"></asp:TextBox>
            <div class="form-row">
                <div class="form-group col-md-6">
                    <div class="wrap-input100 validate-input">
                        <asp:TextBox ID="inputProducerName" class="col-md-6
input100Inner" runat="server" placeholder="Name"></asp:TextBox>
                        <span class="focus-input100"></span>
                    </div>
                    <asp:RequiredFieldValidator ID="RequiredProducerName"
ControlToValidate="inputProducerName" runat="server"
ValidationGroup="ProducerFieldValidation" ForeColor="Red" ErrorMessage="**Name is
required*></asp:RequiredFieldValidator>
                </div>
            </div>
            <div style="display: flex">
                <asp:Button ID="addBtn" class="btn btn-add btn-grad"
ValidationGroup="ProducerFieldValidation" Style="color: #fff; background-color: #21D4FD;
background-image: linear-gradient(to right, #000000 0%, #53346D 51%, #000000 100%); border: none;" runat="server" Text="Add Producer" OnClick="addBtn_Click" />
                <asp:Button ID="updateBtn" class="btn btn-add btn-grad"
ValidationGroup="ProducerFieldValidation" Style="color: #fff; background-color: #21D4FD;
background-image: linear-gradient(to right, #000000 0%, #53346D 51%, #000000 100%); border: none; margin-left: 2rem;" runat="server" Text="Update Producer"
OnClick="updateBtn_Click" />
                <asp:Button ID="clearBtn" class="btn btn-add btn-grad"
Style="color: #fff; background-color: #21D4FD; background-image: linear-gradient(to
right, #000000 0%, #53346D 51%, #000000 100%); border: none; margin-left: 2rem;" runat="server" Text="Clear" OnClick="clearBtn_Click" />
            </div>
            <asp:Panel ID=" pnlSuccess" runat="server" Visible="false">
                <div class="alert alert-success mt-3 alert-dismissible fade show"
role="alert">
                    <asp:Label ID="alrtSuccess" Text="" runat="server" />
                </div>
            </asp:Panel>

            <asp:Panel ID=" pnlError" runat="server" Visible="false">
                <div class="alert alert-danger mt-3 alert-dismissible fade show"
role="alert">
                    <asp:Label ID="alrtError" Text="" runat="server" />
                </div>
            </asp:Panel>
            <div class="mt-4" style="padding-top: 20px;">
                <h2 class="newuser pt-3 pb-3">Producer Details</h2>
                <div class="table-responsive-lg">
                    <asp:GridView ID="ProducerGV" CssClass="table" runat="server"
AutoGenerateColumns="False" CellPadding="4" GridLines="Horizontal"
OnRowCommand="GV_RowCommand">

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        <Columns>
            <asp:BoundField DataField="ProducerNumber" HeaderText="S.N."
/>
            <asp:BoundField DataField="ProducerName" HeaderText="Name" />
            <asp:TemplateField>
                <ItemTemplate>
                    <asp:Button ID="ProducerEdit" CssClass="btn btn-primary" runat="server" Text="Edit" CommandName="EditProducer" CommandArgument="<%#((GridViewRow) Container).RowIndex %>" CausesValidation="false" />
                    <asp:Button ID="ProducerDelete" CssClass="btn btn-danger" runat="server" Text="Delete" CommandName="DeleteProducer" CommandArgument="<%#((GridViewRow) Container).RowIndex %>" CausesValidation="false" />
                </ItemTemplate>
            </asp:TemplateField>
        </Columns>
        <FooterStyle BackColor="White" ForeColor="#333333" />
        <HeaderStyle BackColor="#336666" Font-Bold="True" ForeColor="White" />
        <PagerStyle BackColor="#336666" ForeColor="White" HorizontalAlign="Center" />
        <RowStyle BackColor="White" ForeColor="#333333" />
        <SelectedRowStyle BackColor="#339966" Font-Bold="True" ForeColor="White" />
        <SortedAscendingCellStyle BackColor="#F7F7F7" />
        <SortedAscendingHeaderStyle BackColor="#487575" />
        <SortedDescendingCellStyle BackColor="#E5E5E5" />
        <SortedDescendingHeaderStyle BackColor="#275353" />
    </asp:GridView>
</div>
</div>
</form>
</div>
</asp:Content>
<%@ Page Title="" Language="C#" MasterPageFile "~/MARRS.Master" AutoEventWireup="true" CodeBehind="Studio.aspx.cs" Inherits="MARRS.WebForm7" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <div class="container">
        <h2 class="newuser pt-3 pb-3">Add New Studio</h2>
        <form runat="server">
            <asp:TextBox ID="inputStudioNumber" CssClass="form-control" runat="server" Visible="false"></asp:TextBox>
            <div class="form-row">
                <div class="form-group col-md-6">
                    <div class="wrap-input100 validate-input">
                        <asp:TextBox ID="inputStudioName" class="col-md-6 input100Inner" runat="server" placeholder="Name"></asp:TextBox>
                        <span class="focus-input100"></span>
                    </div>
                    <asp:RequiredFieldValidator ID="RequiredStudioName" ControlToValidate="inputStudioName" runat="server" ValidationGroup="StudioFieldValidation" ForeColor="Red" ErrorMessage="**Name is required**"></asp:RequiredFieldValidator>
                </div>
            </div>
            <div style="display: flex">

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        <asp:Button ID="addBtn" class="btn btn-add btn-grad"
ValidationGroup="StudioFieldValidation" Style="color: #fff; background-color: #21D4FD;
background-image: linear-gradient(to right, #000000 0%, #53346D 51%, #000000 100%);
border: none;" runat="server" Text="Add Studio" OnClick="addBtn_Click" />
        <asp:Button ID="updateBtn" class="btn btn-add btn-grad"
ValidationGroup="StudioFieldValidation" Style="color: #fff; background-color: #21D4FD;
background-image: linear-gradient(to right, #000000 0%, #53346D 51%, #000000 100%);
border: none; margin-left: 2rem;" runat="server" Text="Update Studio"
OnClick="updateBtn_Click" />
        <asp:Button ID="clearBtn" class="btn btn-add btn-grad"
Style="color: #fff; background-color: #21D4FD; background-image: linear-gradient(to
right, #000000 0%, #53346D 51%, #000000 100%); border: none; margin-left: 2rem;" 
runat="server" Text="Clear" OnClick="clearBtn_Click" />
    </div>
    <asp:Panel ID="pnlSuccess" runat="server" Visible="false">
        <div class="alert alert-success mt-3 alert-dismissible fade show"
role="alert">
            <asp:Label ID="alrtSuccess" Text="" runat="server" />
        </div>
    </asp:Panel>

    <asp:Panel ID="pnlError" runat="server" Visible="false">
        <div class="alert alert-danger mt-3 alert-dismissible fade show"
role="alert">
            <asp:Label ID="alrtError" Text="" runat="server" />
        </div>
    </asp:Panel>
    <div class="mt-4" style="padding-top: 20px;">
        <h2 class="newuser pt-3 pb-3">Studio Details</h2>
        <div class="table-responsive-lg">
            <asp:GridView ID="StudioGV" CssClass="table" runat="server"
AutoGenerateColumns="False" OnRowCommand="GV_RowCommand">
                <Columns>
                    <asp:BoundField DataField="StudioNumber" HeaderText="S.N." />
                    <asp:BoundField DataField="StudioName" HeaderText="Name" />
                    <asp:TemplateField>
                        <ItemTemplate>
                            <asp:Button ID="StudioEdit" CssClass="btn btn-primary"
runat="server" Text="Edit" CommandName="EditStudio" CommandArgument="<%#
((GridViewRow) Container).RowIndex %>" CausesValidation="false" />
                            <asp:Button ID="StudioDelete" CssClass="btn btn-danger"
runat="server" Text="Delete" CommandName="DeleteStudio" CommandArgument="<%#
((GridViewRow) Container).RowIndex %>" CausesValidation="false" />
                        </ItemTemplate>
                    </asp:TemplateField>
                </Columns>
                <FooterStyle BackColor="White" ForeColor="#333333" />
                <HeaderStyle BackColor="#336666" Font-Bold="True"
ForeColor="White" />
                <PagerStyle BackColor="#336666" ForeColor="White"
HorizontalAlign="Center" />
                <RowStyle BackColor="White" ForeColor="#333333" />
                <SelectedRowStyle BackColor="#339966" Font-Bold="True"
ForeColor="White" />
                <SortedAscendingCellStyle BackColor="#F7F7F7" />
                <SortedAscendingHeaderStyle BackColor="#487575" />
                <SortedDescendingCellStyle BackColor="#E5E5E5" />
                <SortedDescendingHeaderStyle BackColor="#275353" />
            </asp:GridView>
        </div>
    </div>

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        </asp:GridView>
    </div>
</div>
</form>
</div>
</asp:Content>
```