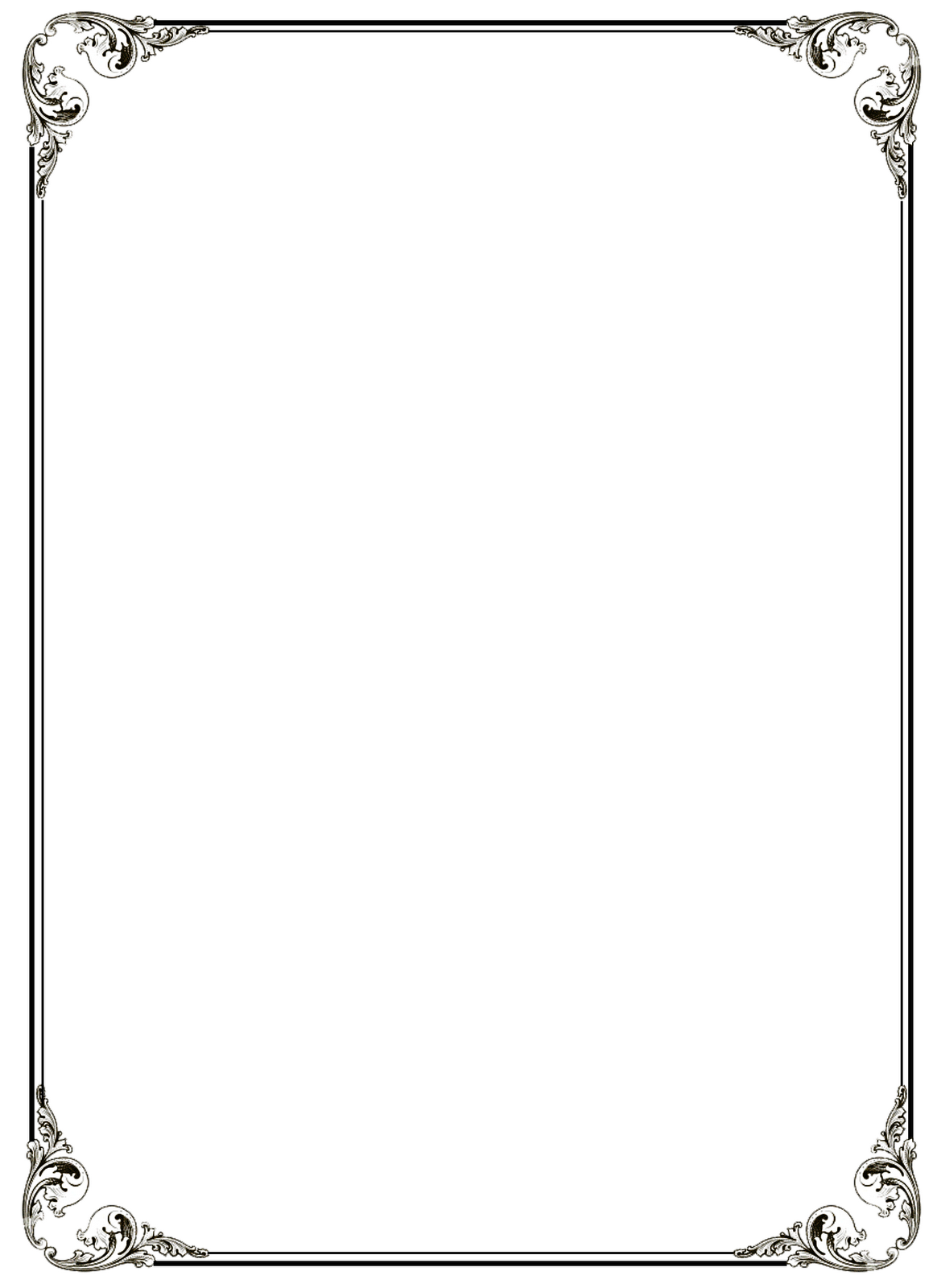


**Cinema-Booking**

|  |  |  |
| --- | --- | --- |
| **Supervisor:** | *LÊ THANH NHÂN* | |
| **Semester:** | *II* | |
| **Batch No:** | *T1.2206.E1* | |
| **Group No:** | *2* | |
| **Order:** | **Full name** | **Roll No.** |
| *1.* | *Lê Viết Đông* | *Student1390589* |
| *2.* | *Huỳnh Tấn Phước* | *Student1387826* |
| *3.* | *Nguyễn Nhật Minh* | *Student1390586* |
| *4.* | *Trần Thụ Huy* | *Student1387816* |

***Month****:3* ***Year****:2023*



This is to certify that

|  |  |
| --- | --- |
| **Mr.** | **Lê Viết Đông** |
| **Mr.** | **Huỳnh Tấn Phước** |
| **Mr.** | **Nguyễn Nhật Minh** |
| **Mr.** | **Trần Thụ Huy** |

Have successfully Designed & Developed

|  |  |  |
| --- | --- | --- |
|  |  |  |
| **Cinema-Booking** | | |

Submitted by:

|  |
| --- |
| **Mr. LE THANH NHAN** |

Date Of Issue:

|  |  |
| --- | --- |
|  |  |

Authorized Signature:

|  |  |
| --- | --- |
|  |  |
| **Content** | | | |

Content

Acknowledge

Synposis

Review1 (điền số trang theo thực tế)

Review2 (điền số trang theo thực tế)

Review3 (điền số trang theo thực tế)

Testting Document (điền số trang theo thực tế)

Final Checklist (điền số trang theo thực tế)

Tasksheet (điền số trang theo thực tế)

|  |
| --- |
| **Acknowledge** |

We understand that the Project is a step-by-step learning environment that closely simulates a classroom and lab-based learning experience, bringing it to life in actual implementation. It's a project at your fingertips! An electronic, live junction on the machine that allows you to:

* Practice a laddered approach to step-by-step learning
* Build a larger, more robust application
* Use certain utilities in applications designed by the user
* Develop a single program into a unified code that leads to a complete application
* Learn the implementation of concepts in a phased manner
* Enhance skills and add value
* Work on real-life projects
* Provide a real-life scenario and help to create more complicated and useful applications
* Receive mentoring through email support

We'd like to express our heartfelt thanks to our professor, Mr. Le Thanh Nhan, and the other students for their invaluable support during the project. Despite the several mistakes we made, we hope to have more opportunities to broaden our knowledge in the web development world. We also thank you for sharing your information and the "demo" project from India APTECH, which helped us gain more practical experience in this project. With the experience gained from this project, we won't stop learning anything that can make us more successful in the future.

Sincerely yours,

Team Group 02.

|  |
| --- |
| **Synposis** |

The objective of our program is to provide a desktop application for managing bookings, purchasing products, and data entry, specifically designed for use by counter employees and administrators. Our aim is to create a real-world scenario where we can apply our knowledge and skills, in order to build a larger, more robust application.

While the primary objective is not to teach us front-end or back-end technology, the project will provide an opportunity to work with various tools and gain practical experience. This project is meant for students like us who have completed the necessary coursework and have a foundational understanding of Java programming.

In order to complete the project successfully, we will work in a lab setting with the assistance of our faculty as needed. The application we develop will serve as a comprehensive solution for managing bookings, purchasing products, and data entry, tailored to meet the needs of our target users.

Through this project, we will learn how to apply the concepts we've studied in a real-world context, enhancing our skills and adding value to our educational experience. We will also gain experience working on a real-life project, which will help us in our future

**Review 01**

|  |
| --- |
| **Problem Definition** |

The current booking and product management process at our organization is manual and time-consuming, requiring significant effort from counter employees and administrators. There are several issues with the existing process, including:

* Lack of real-time information;
* Inefficiencies in the booking process;
* No centralized system for product management;
* Limited reporting and analysis capabilities.

To address these issues, we propose the development of a desktop application that will streamline the booking and product management process, providing a centralized database for storing information and automating many of the manual processes currently in place. The application will be designed to be user-friendly and intuitive, allowing counter employees and administrators to easily perform their duties and access relevant information. Additionally, the application will include reporting and analysis capabilities, providing valuable insights into the performance of the organization over time. Overall, this application will help our organization to operate more efficiently and effectively, improving the customer experience and increasing revenue.

|  |
| --- |
| **Customer Requirements Specifications** |

* Admin:
* Input Data:
  + Employee
  + Actor,Film
* Room,Seat and Price
* Schedule
* Process:
  + Add / edit / delete all of input’s infomation
  + Change account’s information
  + Export report for working session of employee, statistical of Film, Product, Ticket
* Output:
  + Notification to add / edit / delete items success / failure
  + Excel file
* Employee:
  + Inpu Data
    - Customer information
    - Order information of customer
  + Process
    - Customer registration information
    - Search the information of Film, Ticket, Customer, Product and then,

Booking for customer

* + - Manage order infomation
  + Ouput
    - Notification of booking process
    - Bill for customer

**Hardware / software requirement**

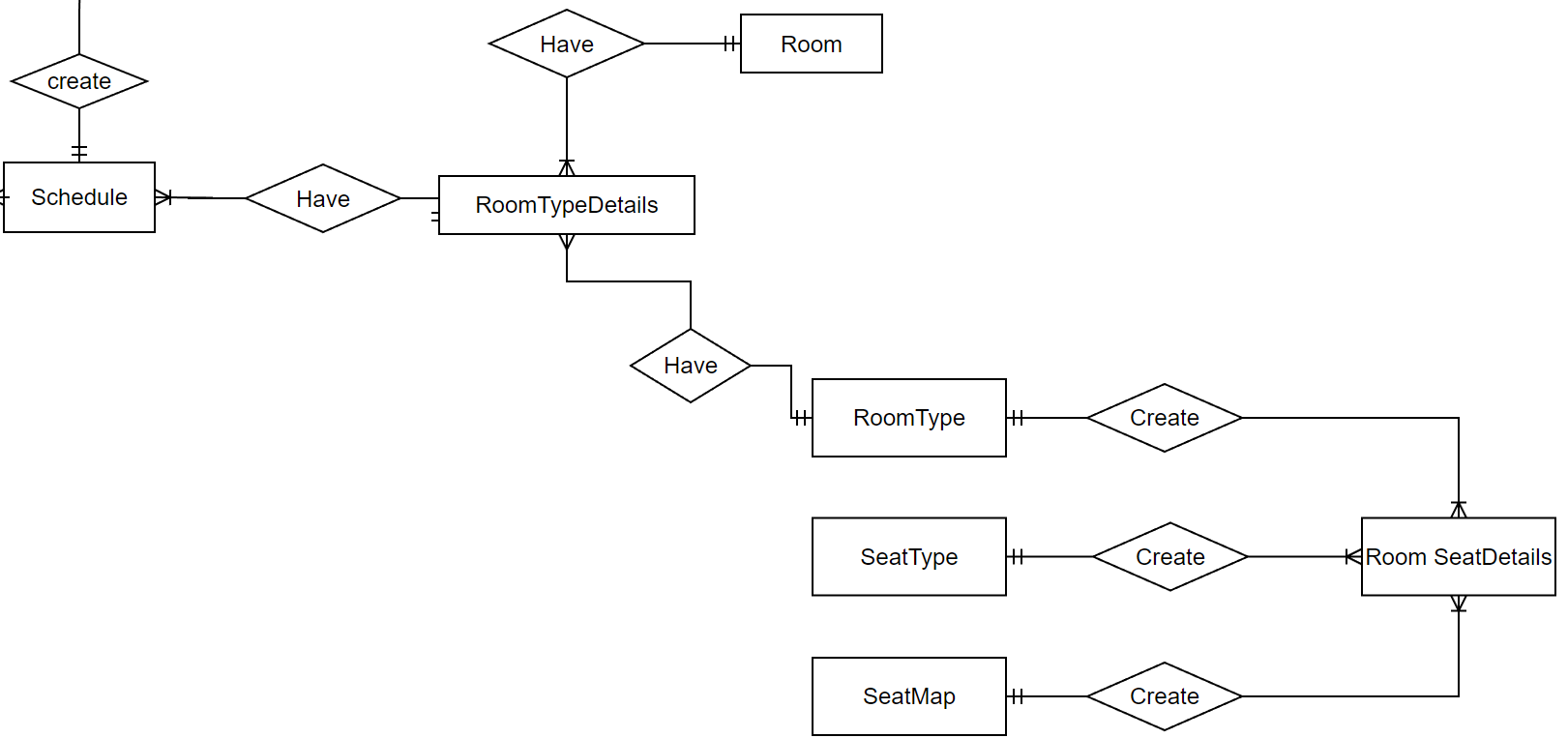
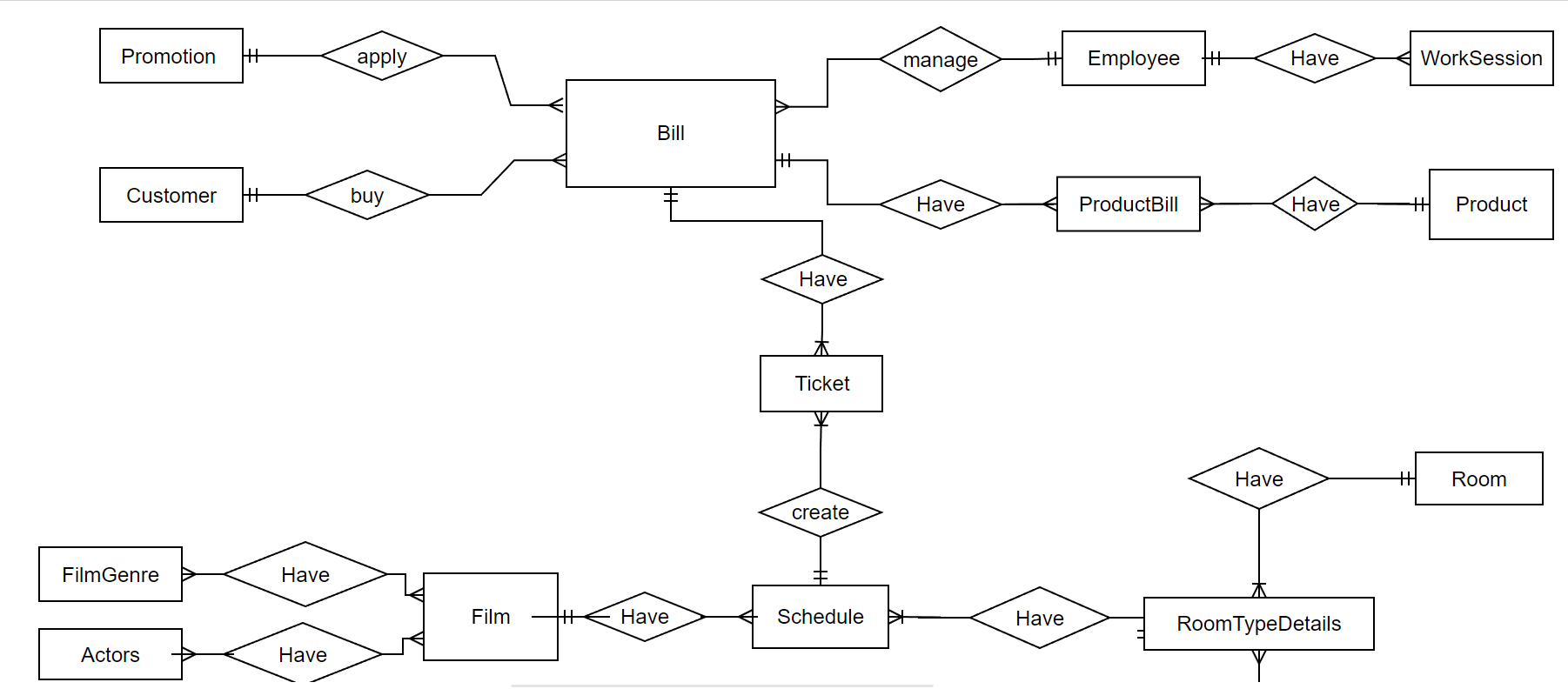
|  |  |  |
| --- | --- | --- |
| **Sr.** | **Item** | **Description** |
| 1. | Operating system | Windows 7, 8, or higher |
| 2. | Hardware | CPU Cores or better with 2 Gigabytes of RAM or better |
| 3. | Fonts | Standard font Unicode: Arial, Tahoma, Lucida Console, Times New Roman, etc… |

**Review 02**

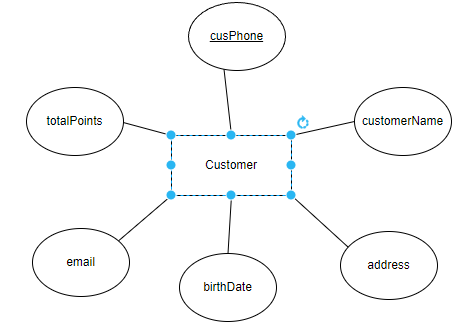
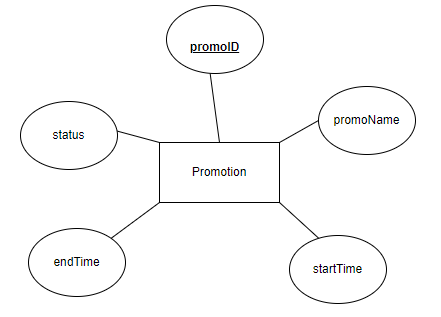
|  |
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| **Data Flow Diagram** |

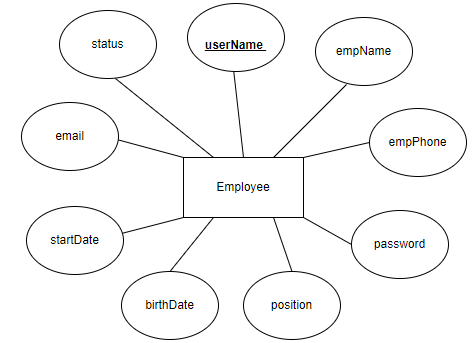
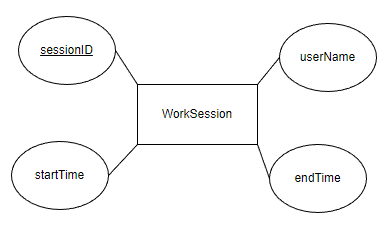


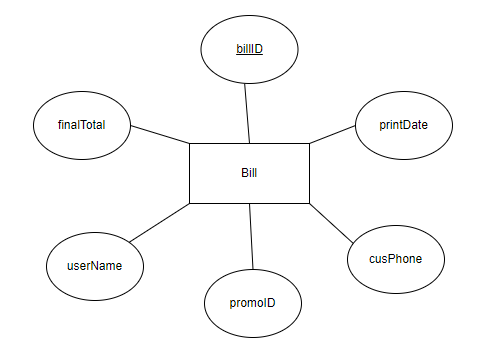
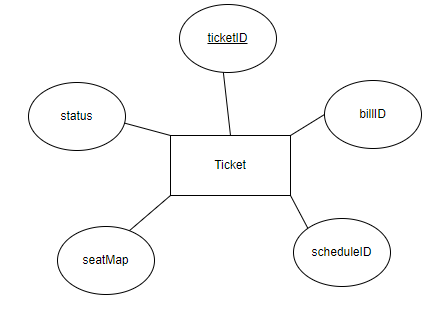
|  |
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| **A. Entity Relationship Diagram** |

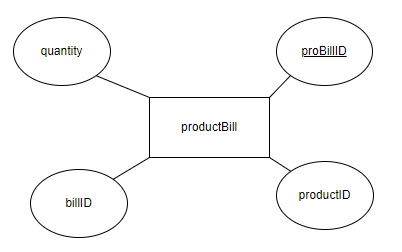
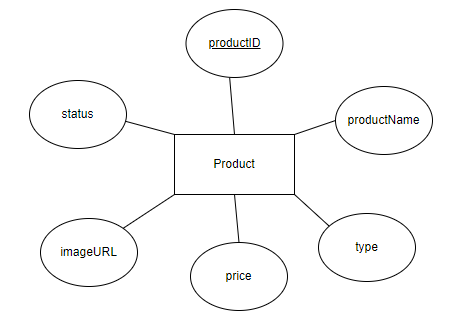


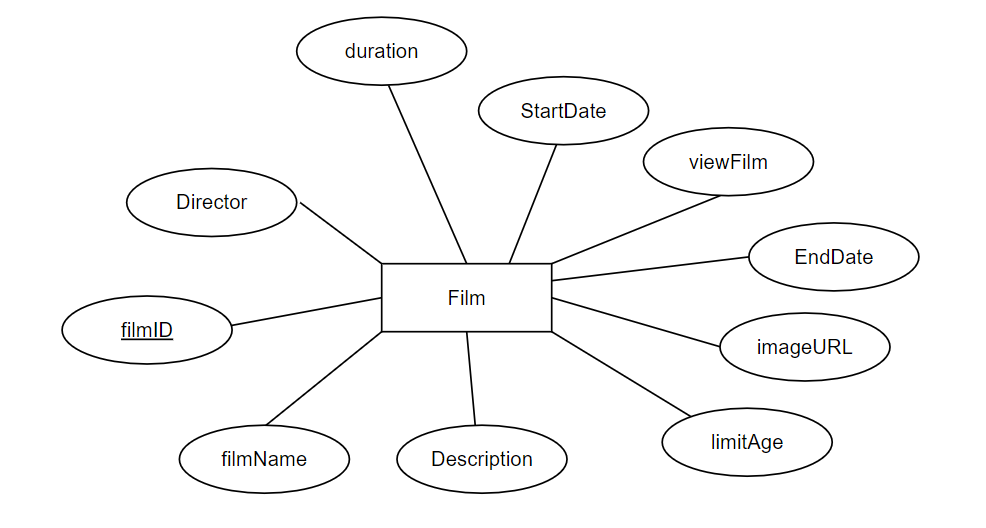
|  |
| --- |
| **B. Entity Attributes** |

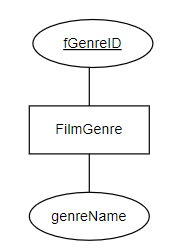


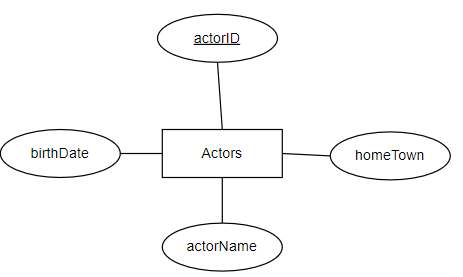
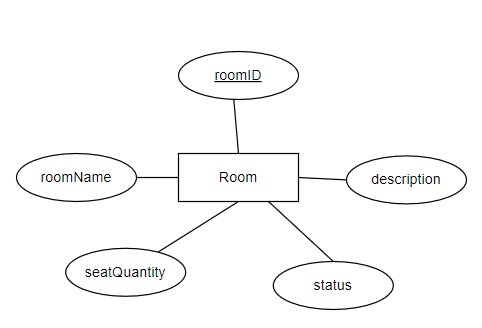


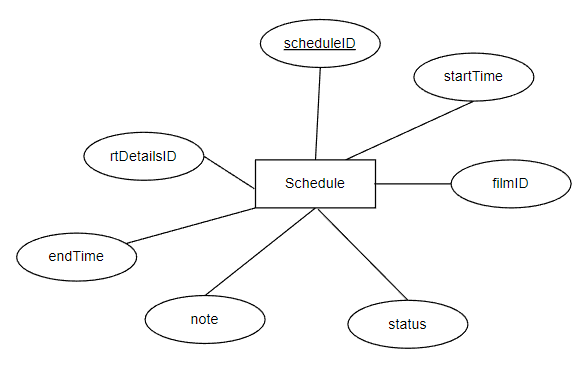


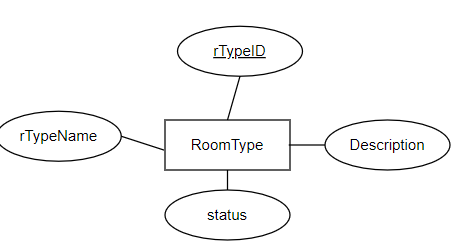
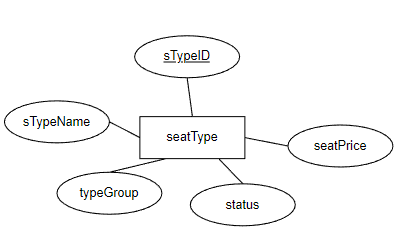


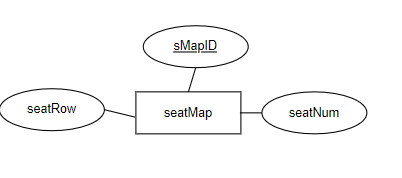


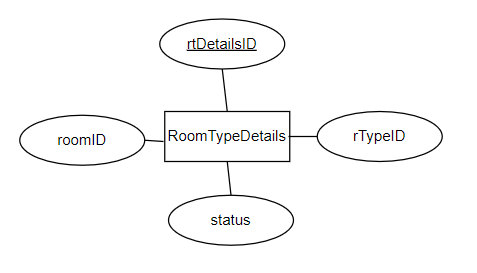




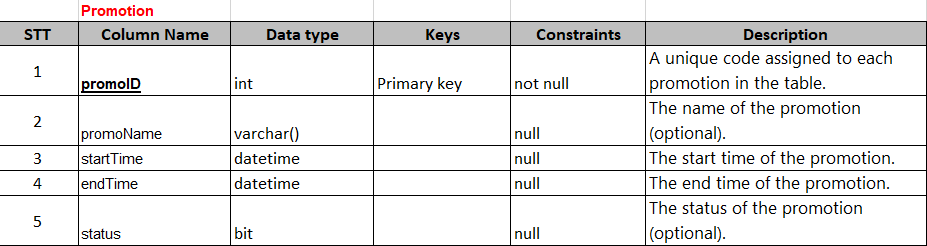


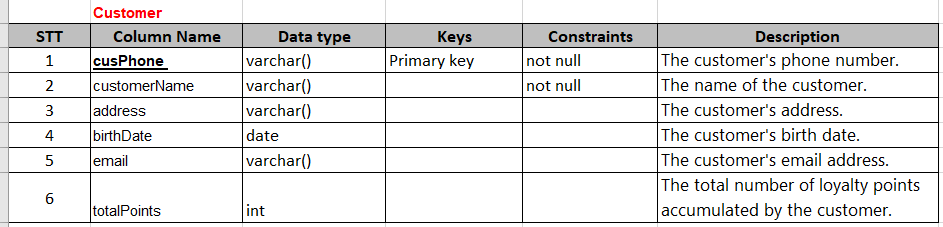


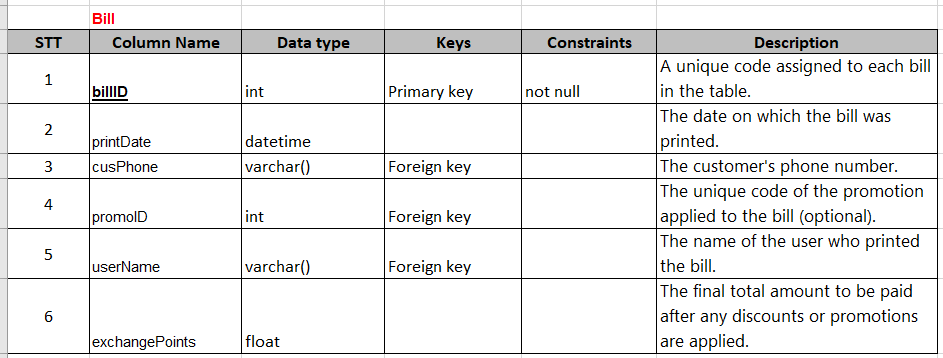


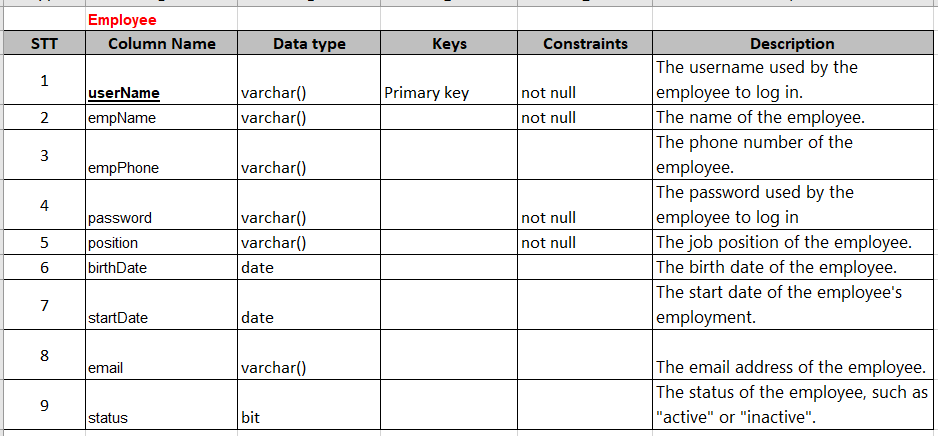
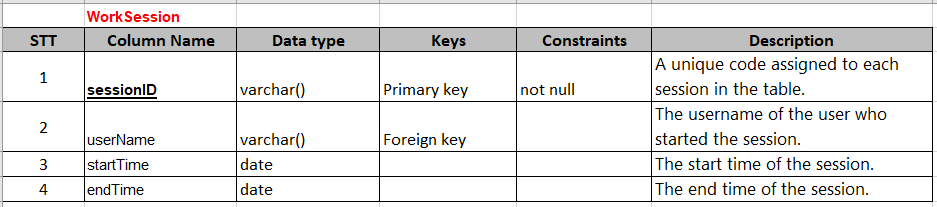


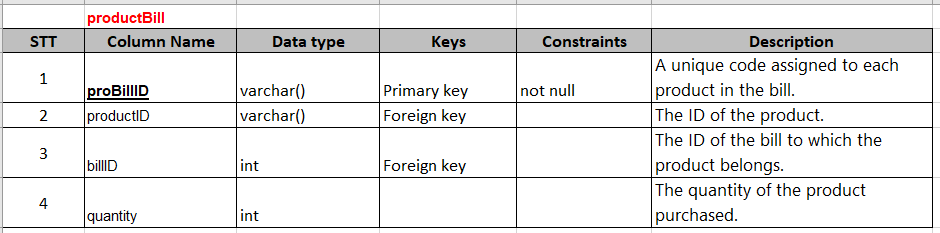
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| **A. Table Design** |

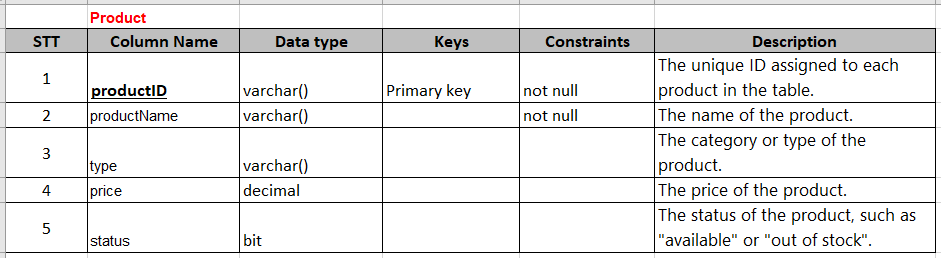
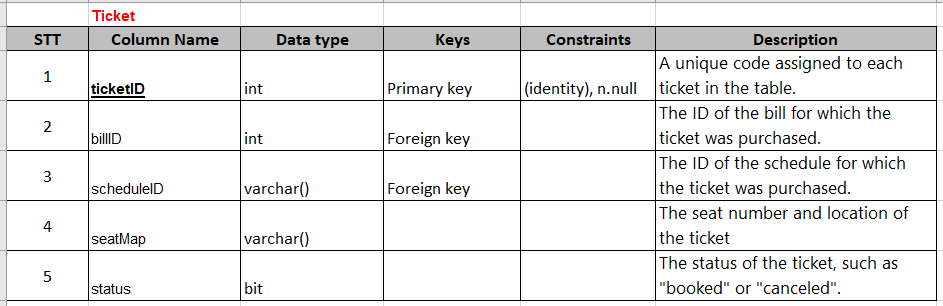
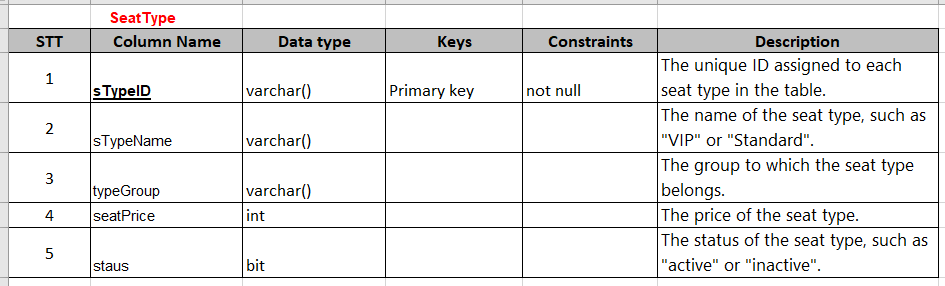


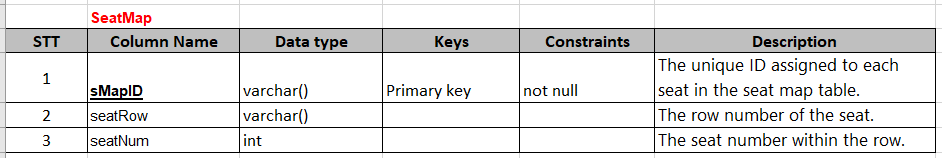


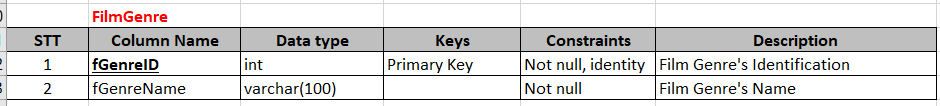
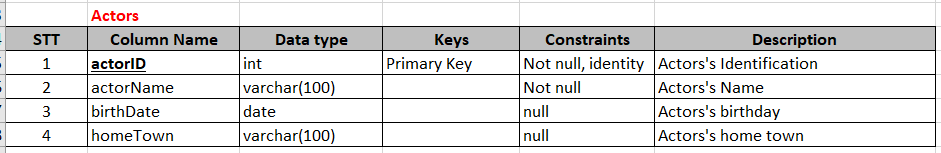
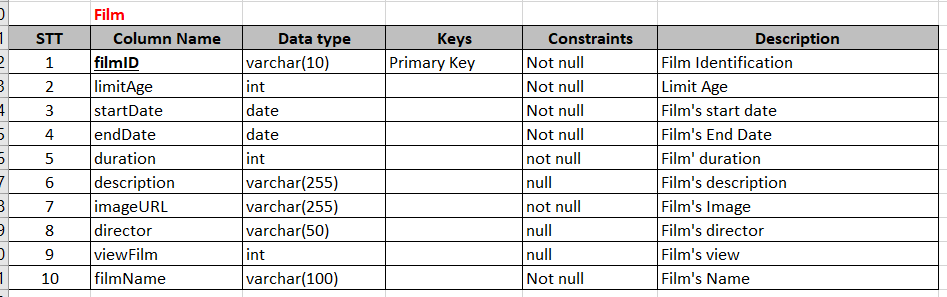
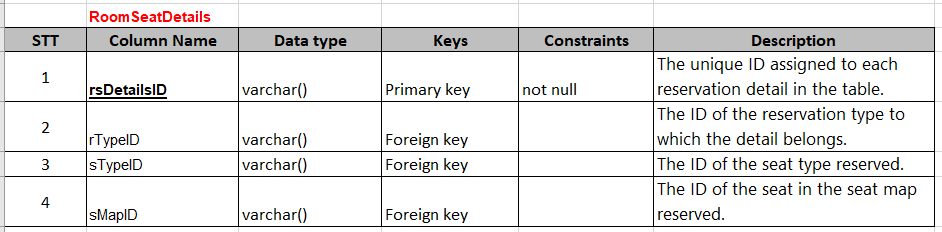


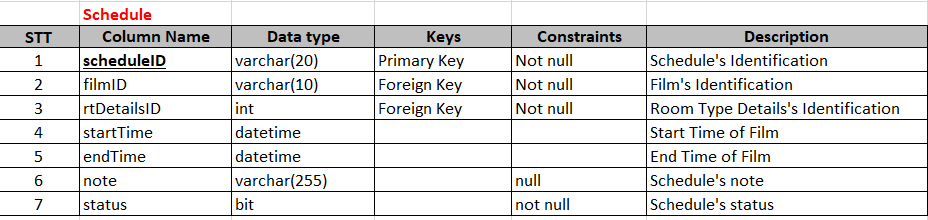


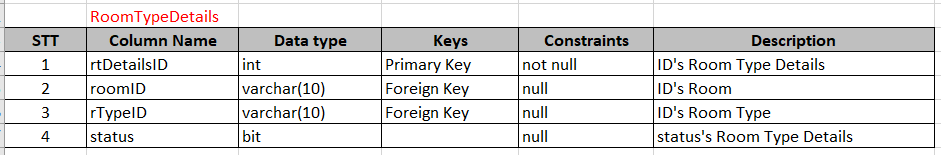
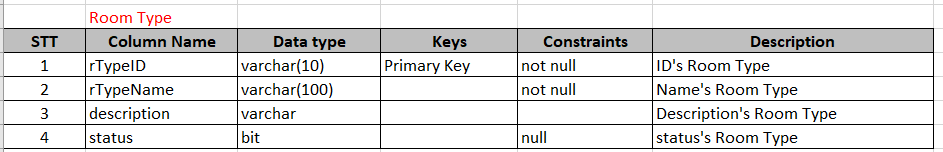
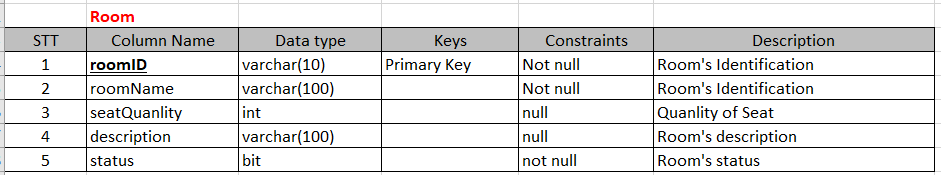




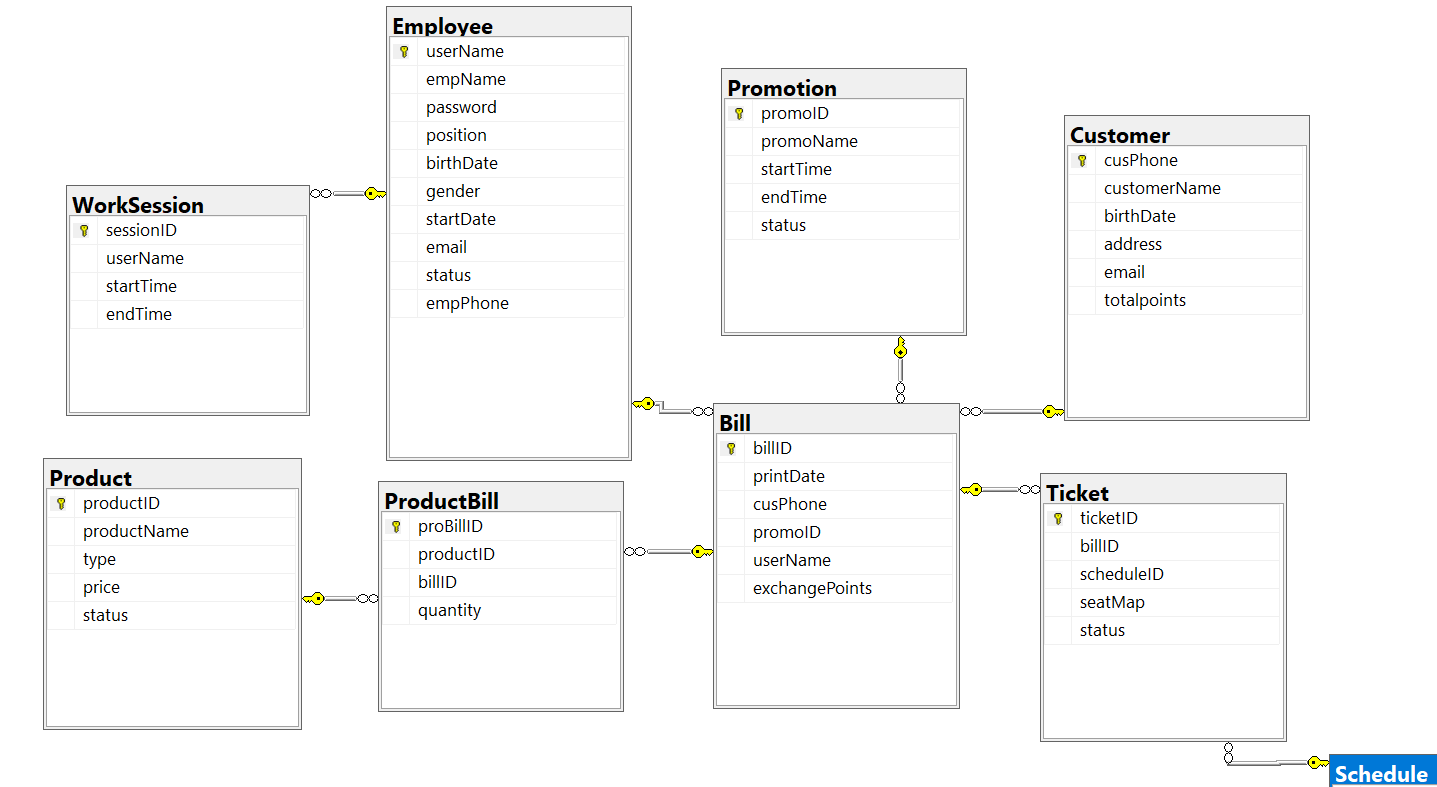
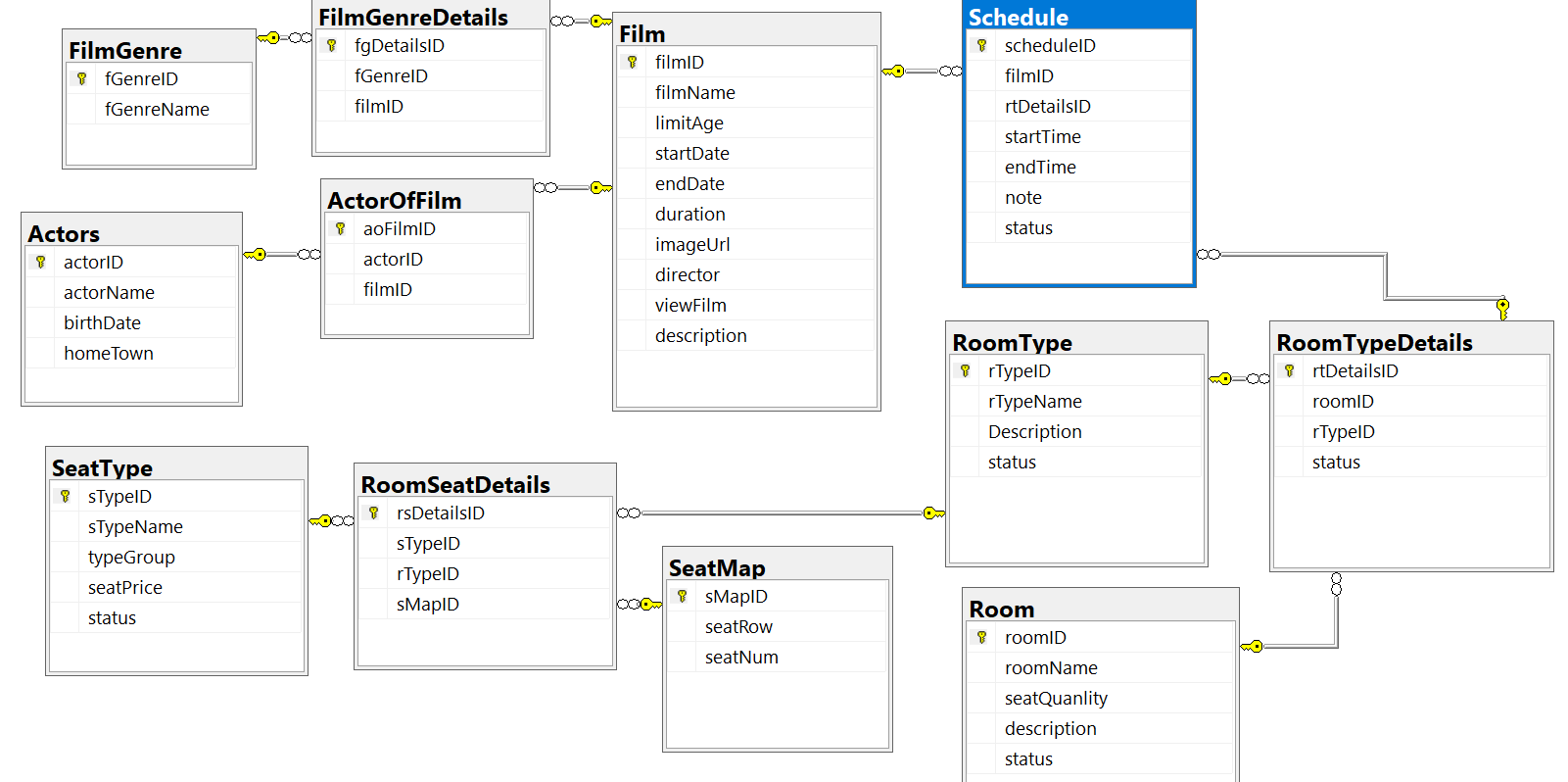




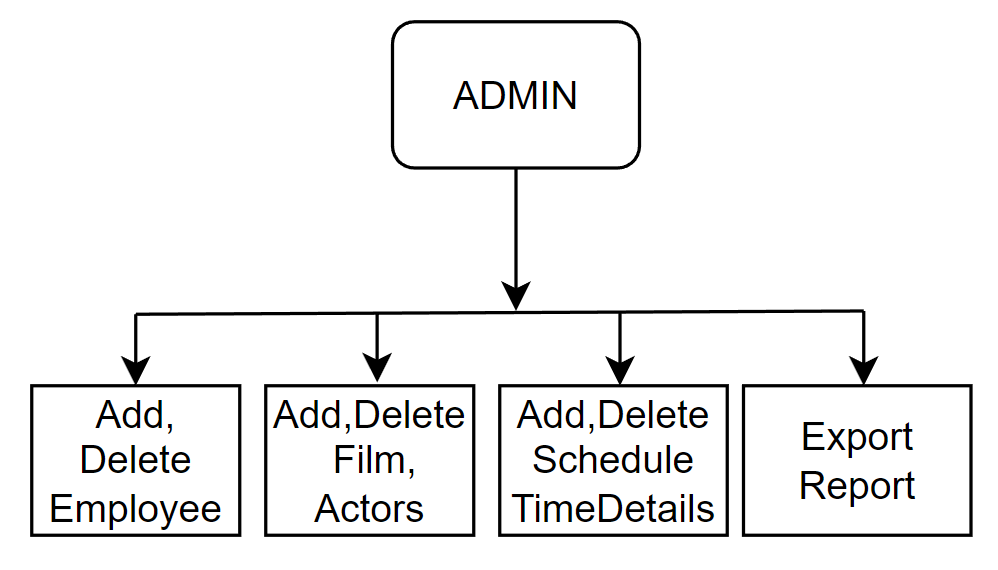


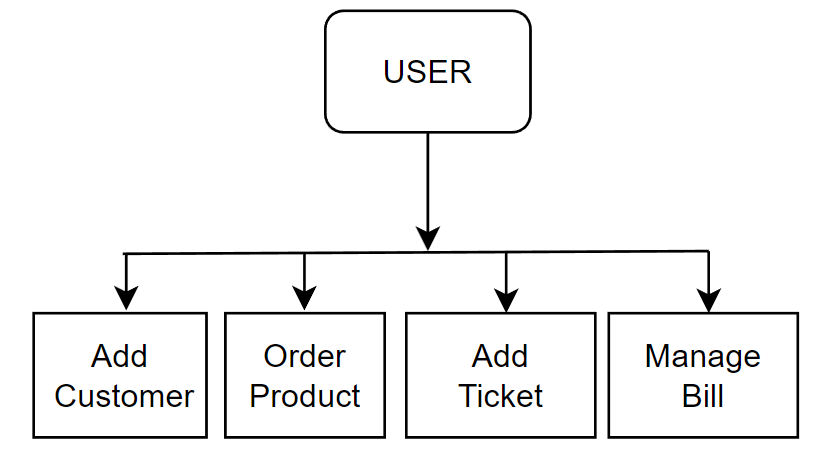


|  |
| --- |
| **B. Relationship Diagram** |



|  |
| --- |
| **Algorithm** |

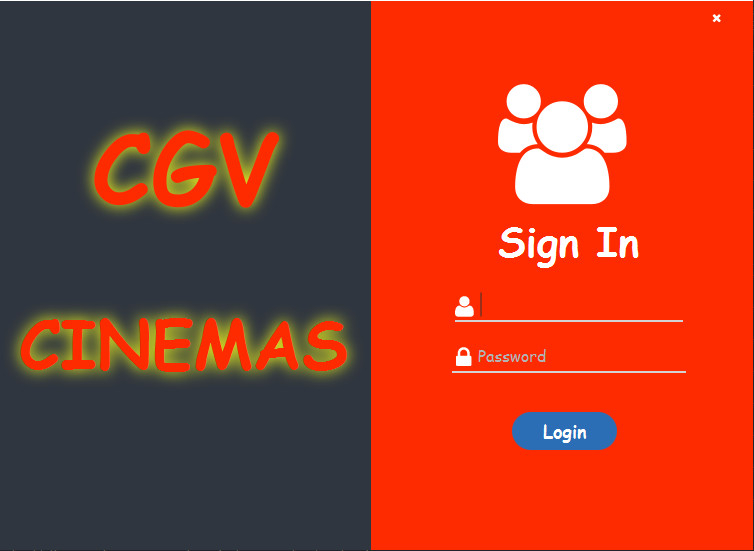




**Review 03**

|  |
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| **Screen shots** |

1. **Login:**

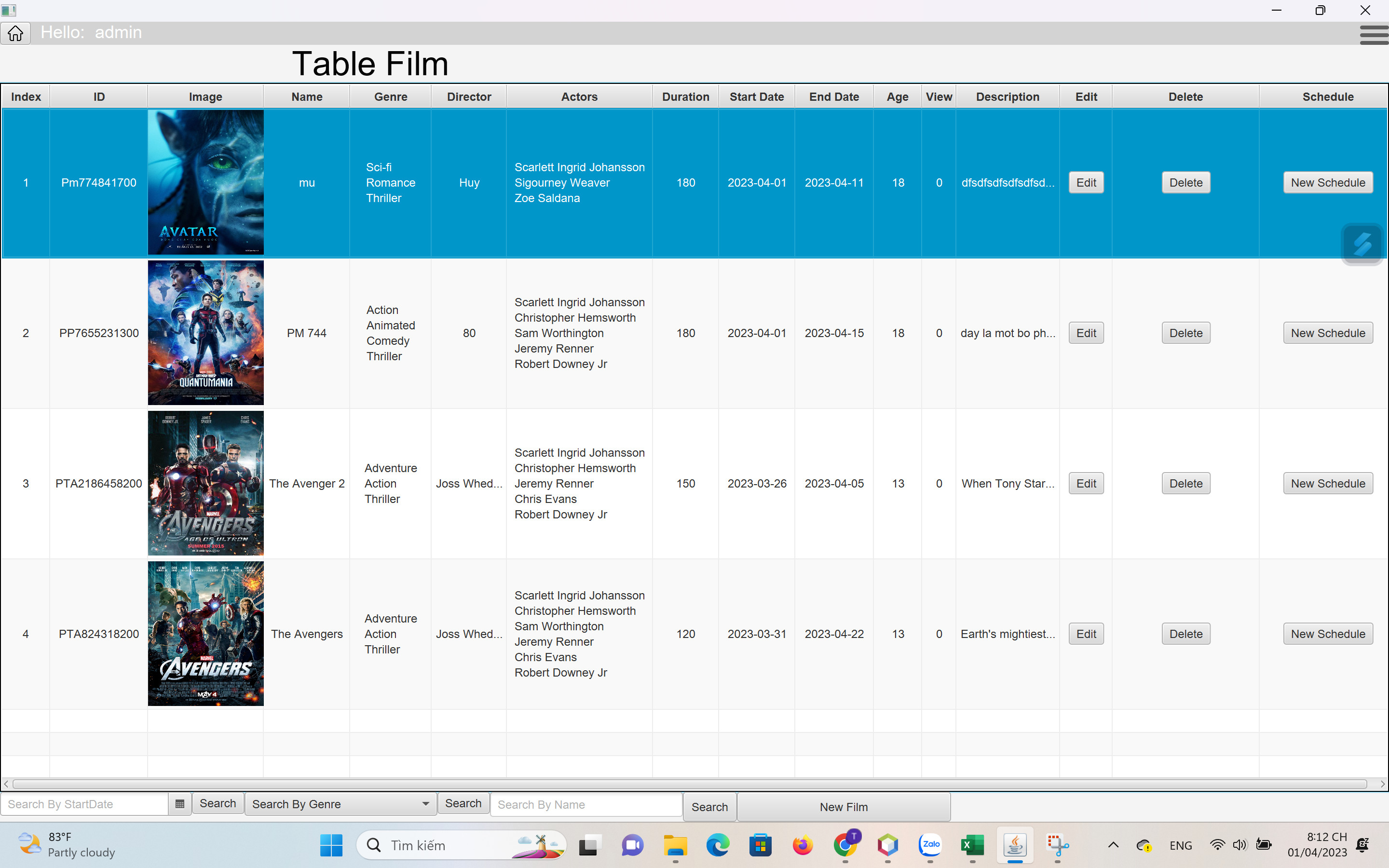


**Description** : Form Login

**From** : Start with Aplication

**To** : Homepage

1. **Homepage**
   1. **HomePage Admin**



**Description** : HomePage for Admin

**From** : Form Login

**To** : Form New Schedule, Edit Film, Delete Film

* 1. HomePage Employee

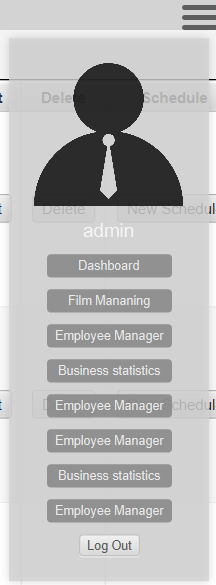


**Description** : HomePage for Employee

**From** : Form Login

**To** : Ticket Page

* 1. Menu Popup



**Description** : Function list

**From** : Homepage

**To** :

1. New Film Page

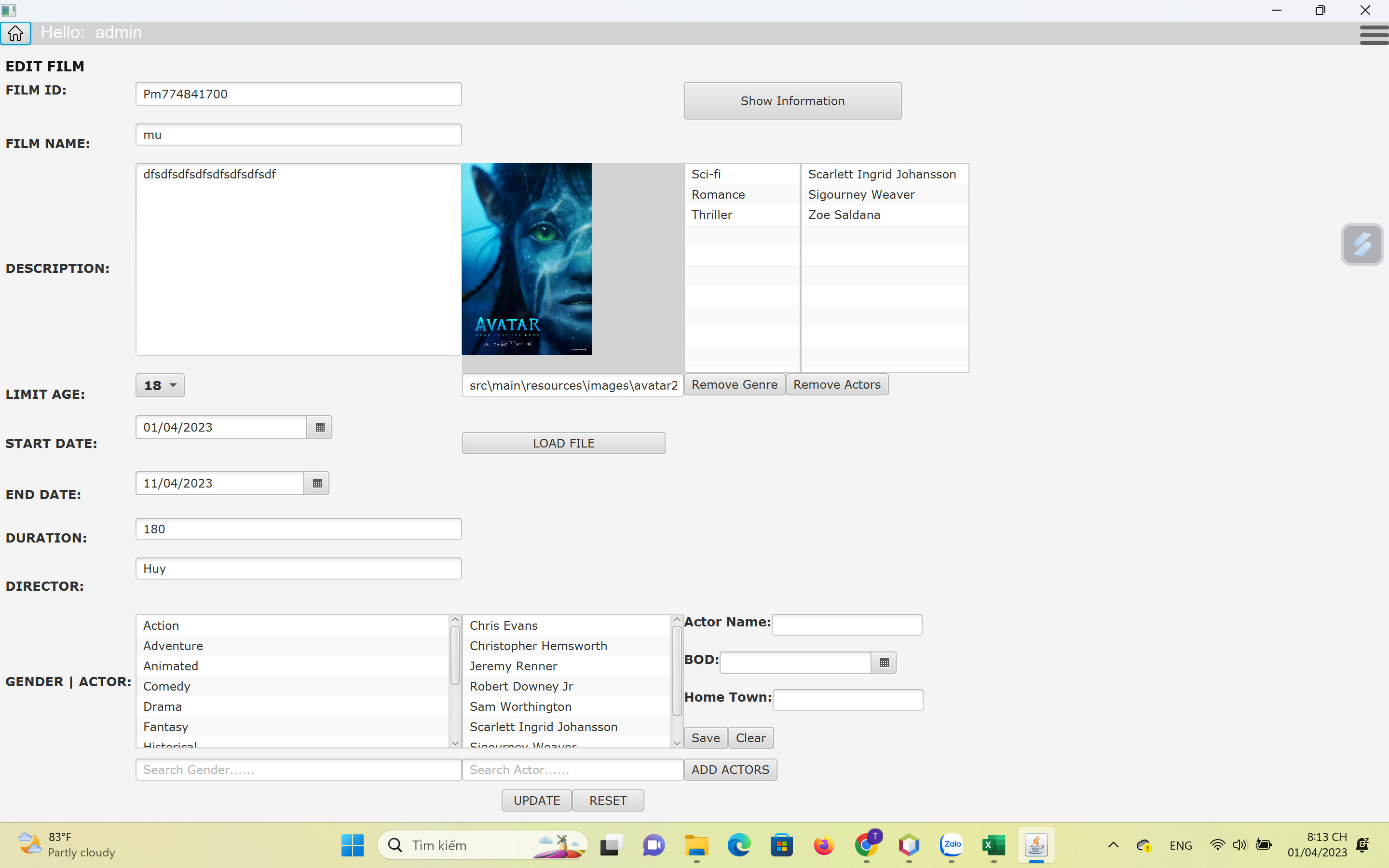


**Description** : Form for add new film

**From** : Homepage Admin

**To** : Homepage

1. Edit Film Page

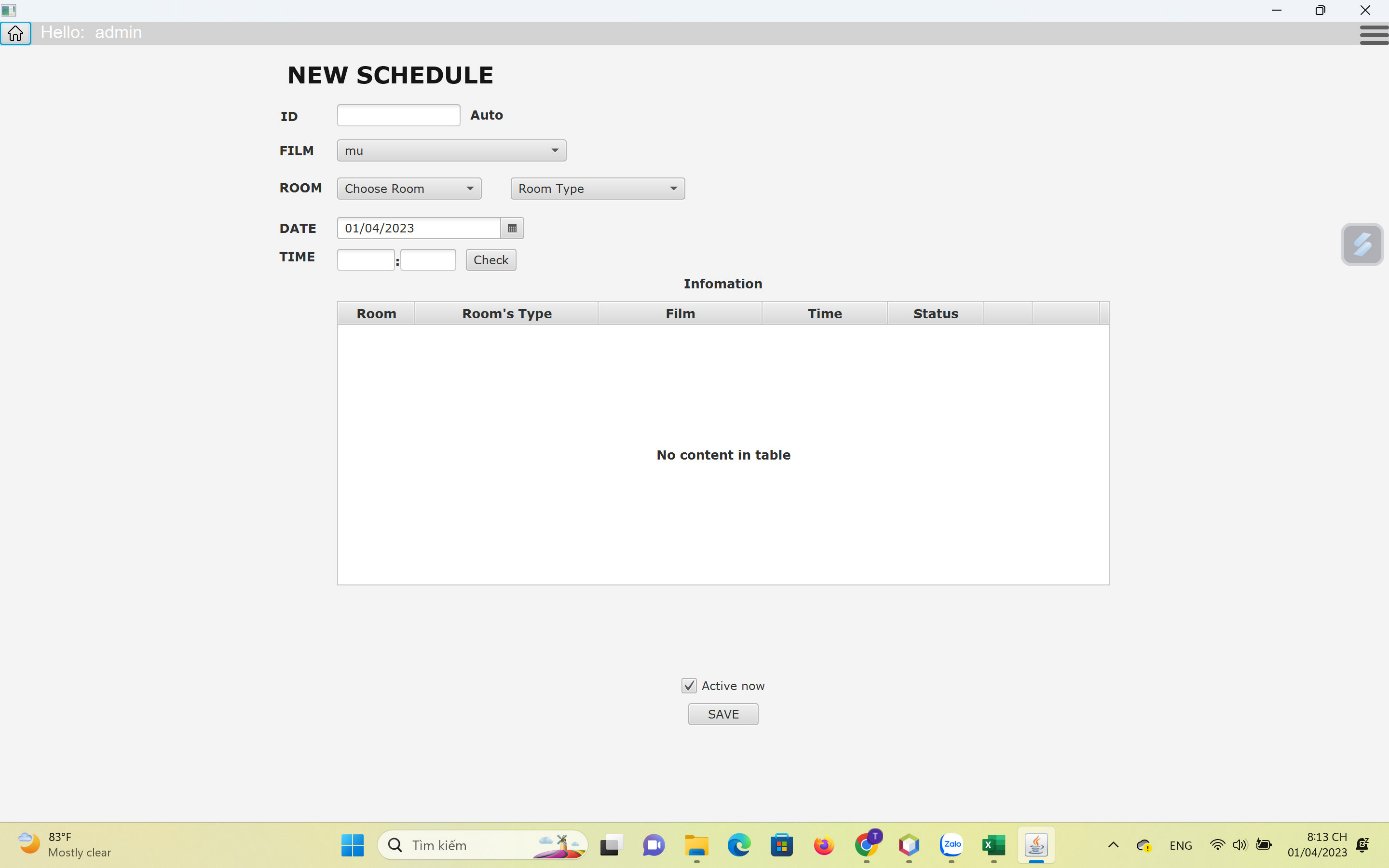


**Description** : Edit Film

**From** : Homepage Admin

**To** : Homepage

1. New Schedule Page

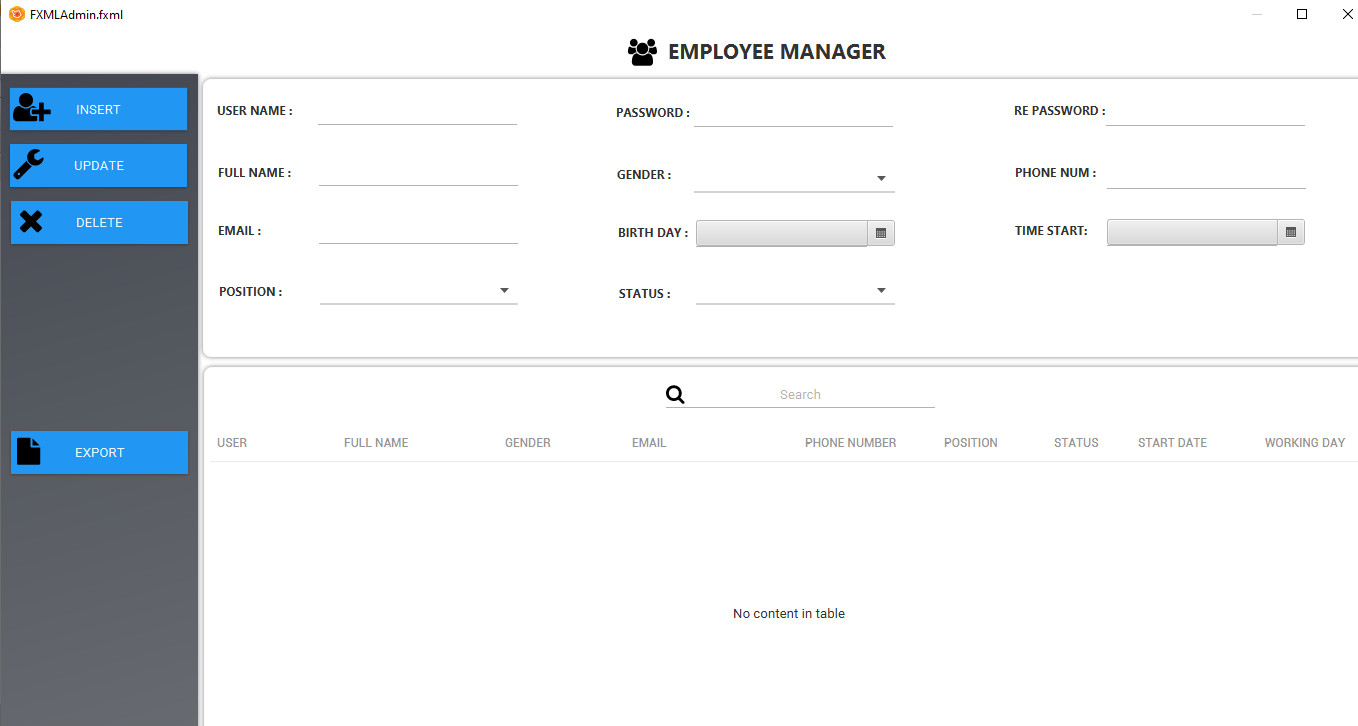


**Description** : Form for add new schedule

**From** : Homepage Admin

**To** : Homepage, Edit Schedule Page

1. New Employee Page

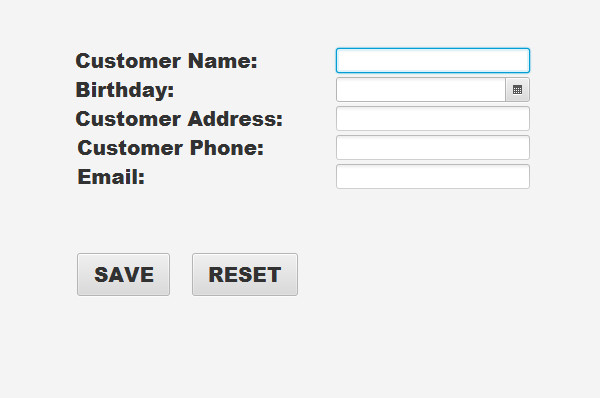


**Description** : Form for add new Employee

**From** : Homepage Admin

**To** : Homepage

1. New Customer Page

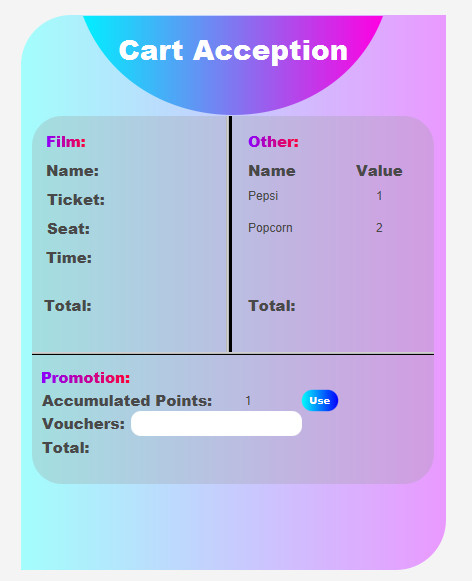


**Description** : Form for add new Customer

**From** : Homepage Admin

**To** : Homepage

1. Bill Page



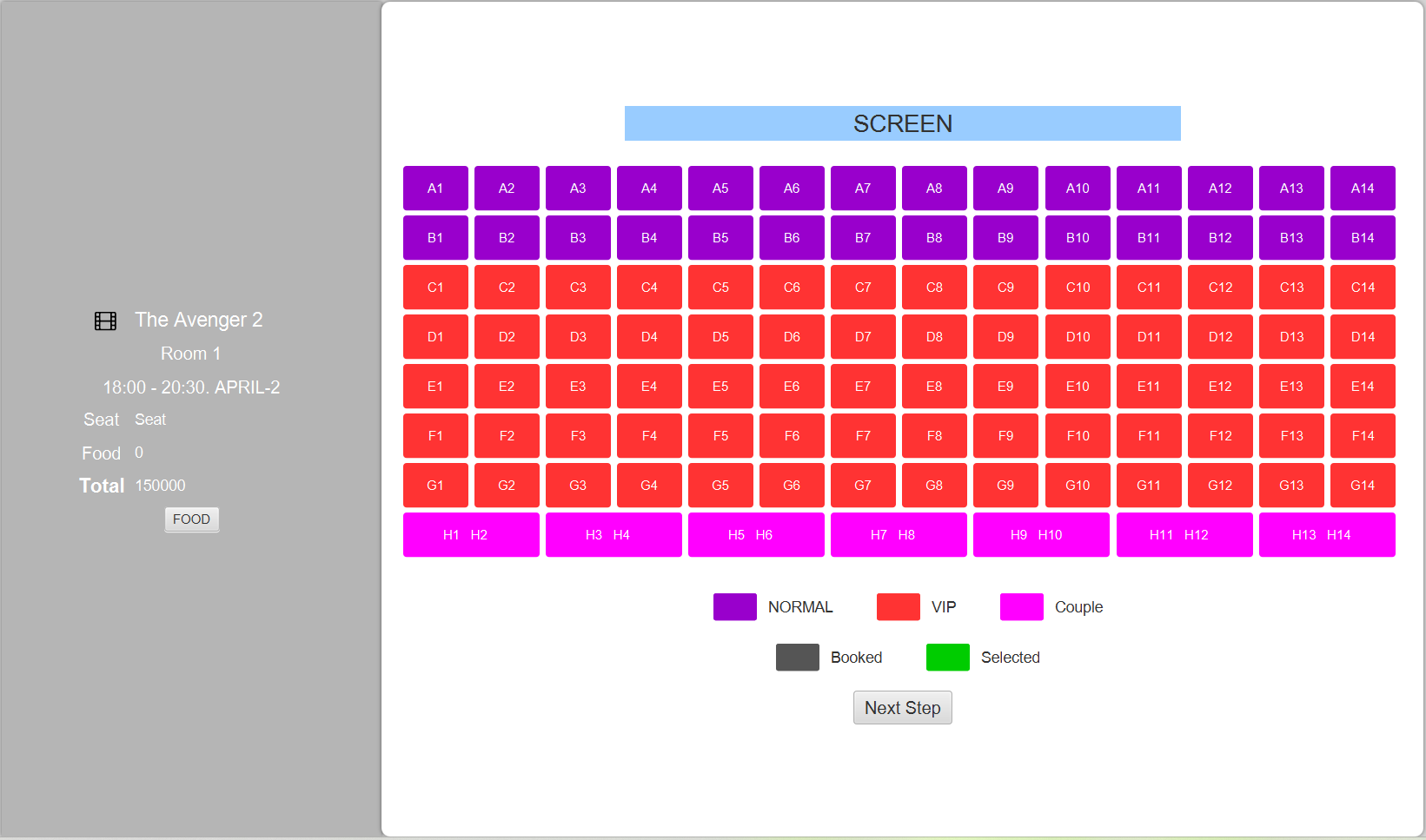
**Description** :

Manga Bill

**From** : Homepage Ticket Page

**To** : Homepage

1. Ticket Page

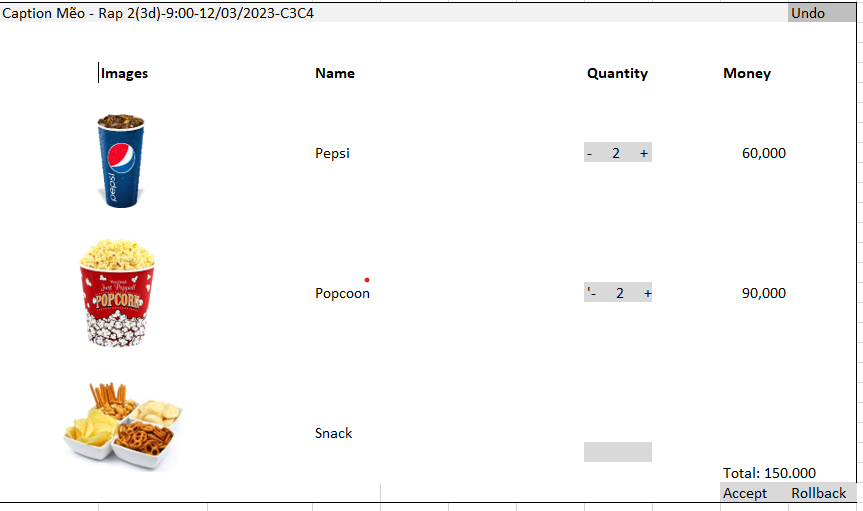


**Description** : Order Ticket

**From** : Homepage Eployee

**To** : Product Page

1. Product Page



**Description** : Order Products

**From** : Ticket Page

**To** : Bill Page

|  |
| --- |
| **Testing document** |

|  |  |  |
| --- | --- | --- |
| **Sr.No** | **Features Tested** | **Remarks** |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |
| 6 |  |  |
| 7 |  |  |
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| 11 |  |  |
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| 14 |  |  |
| 15 |  |  |

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| --- |
| **Final checklist** |

|  |  |  |
| --- | --- | --- |
| **Sr.No** | **Aspected Tested** | **Suggestion/**  **Remarks** |
| 1 | Are all the users able to view the images and links? |  |
| 2 | Have all the views, modules and controllers been properly integrated and is the site function as a single page application? |  |
| 3 | Are the GUI content devoid of spelling mistakes? |  |
| 4 | Is the application user-friendly? |  |
| 5 | Is the Website launching correctly in all popular browsers? |  |
| 6 | Are all the forms validated with proper criteria? |  |
| 7 | Do all text links lead to the appropriate website? |  |
| 8 | Do all image links lead to the appropriate website? |  |
| 9 | Are all the images and links clearly visible on the page? |  |
| 10 | Does the Web page work properly in all the tested browsers? |  |
| 11 | Does the Web page take too long to be loaded fully? |  |
| 12 | Is the navigation sequences correct through all the Web pages on the site? |  |
| 13 | Is the JavaScript code working as expected in all click events? |  |
|  |  |  |
|  |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Member** | **Contents** | | **Table Name** | **Activity Plan** | **Date of Preparation of Activity Plan** | | |
| **Planed Start Date** | **Actual Start Date** | **Actual Days** | **Status** |
| 1 | **Lê Viết Đông** | Admin | *Form for input: Schedule* | Ticket, Schedule, ProductBill | 3/21/2023 | 3/21/2023 | 5 | OK |
| 3/21/2023 | 3/21/2023 | 5 | OK |
| User | *Manage Ticket, and order product and export report by Excel* | 3/21/2023 | 3/21/2023 | 5 | OK |
| *note: Ticket table is empty and insert auto when choose  Ticket on user interface* | 3/21/2023 | 3/21/2023 | 5 | OK |
| 2 | **Huỳnh Tấn Phước** | Admin | *Form for input: Employee* | Employee, WorkingSession, | 3/21/2023 | 3/21/2023 | 5 | OK |
| 3/21/2023 | 3/21/2023 | 5 | OK |
| 3/21/2023 | 3/21/2023 | 5 | OK |
| User | *Manage login process Manage Personal Account Manage working session and export report by Excel* | 3/21/2023 | 3/21/2023 | 5 | OK |
| 3 | **Nguyễn Nhật Minh** | Admin | *Form for input: Customer* | Customer, Bill | 3/21/2023 | 3/21/2023 | 5 | OK |
| 3/21/2023 | 3/21/2023 | 5 | OK |
| User | *Manage Bill and export Bill* | 3/21/2023 | 3/21/2023 | 5 | OK |
|  | 3/21/2023 | 3/21/2023 | 5 | OK |
| 4 | **Trần Thụ Huy** | Admin | *Form for input: Film, Schedule,Actor* | Film,Actor. FilmGenreDetails, ActorOfFilm | 3/21/2023 | 3/21/2023 | 5 | OK |
| 3/21/2023 | 3/21/2023 | 5 | OK |
| User | *Export report for Film by Excel* | 3/21/2023 | 3/21/2023 | 5 | OK |
|  | 3/21/2023 | 3/21/2023 | 5 | OK |