

**SEE MY SHOW (ONLINE TICKET BOOKING SYSTEM)**

**BY**

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This Report Presented in Partial Fulfillment of the Requirements for the Degree of Bachelor of Science in Computer Science and Engineering

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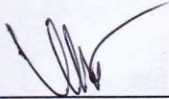
**DHAKA, BANGLADESH**

**MAY 2019**

## **APPROVAL**

This Project titled “**SEE MY SHOW: ONLINE TICKET BOOKING SYSTEM**”, submitted by KHORSHED ALAM, ID No 152-15-5998, and HARUN-UR-RASID HERON, ID No 152-15-6110, and ABDUR ROUF, ID No 152-15-6078 to the Department of Computer Science and Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on 3<sup>rd</sup> May 2019.

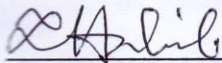
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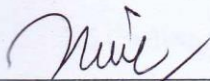
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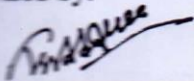
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## DECLARATION

We hereby declare that, this project has been done by us under the supervision of **Shah Md. Tanvir Siddiquee, Senior Lecturer, Department of CSE** Daffodil International University. We also declare that neither this project nor any part of this project has been submitted elsewhere for award of any degree or diploma.

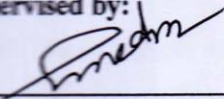
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Finally, we must acknowledge with due respect the constant support and patients of our parents.

## **ABSTRACT**

The online ticket booking system is now created very effective information to help streamline the management of an organization and also the user in our daily life. In this project, people can book movie, sports tickets easily online and take entertainment. By this application, people can book tickets online in different places. Also, people can search for tickets from different movies and different sports and concerts tickets on a particular day. This application also available payment system. People can buy online tickets from secured way like cash on delivery and also mobile banking system like Bkash, rocket. People can also cancel their booking tickets and in that case refund of money will also be ensured through the system. This application has an admin panel and user panel. And for access to this system, he/she must log in this system. In the admin panel, admin can add and update movies, add movies hall. Admin also can add new concert and sports news and tickets and manage that. And a user can book a different ticket through this application and can pay for the ticket, see the details and update information of his desired ticket. At first, the user must have the complete registration process from the registration page before he enters the main page. All the system is user-friendly and easy to use.

# CHAPTER 1

## INTRODUCTION

### 1.1 Introduction

The people of Bangladesh love Entertainment. Entertainment is a part of financial resources in a country. The main elements of Entertainment in our country are movie, sports and concert. In our website we serve online ticket. People can easily get tickets from our site without any harassment & crowded. Anyone can filter movie hall by movie, search cricket series & football match, search popular concert held in our country and book tickets by our application. Anyone can access this system over internet to book tickets in different locations of our beloved country Bangladesh. That's why we choose to make this project for mankind.

### 1.2 Motivation

The motivation behind of the project to thinking for the entertainment lovers. In our country people face many problems like crowed and trouble for buy ticket. In Bangladesh most of the movie hall has not online ticket service system. So, people get harassment and it's also risky to buy and collect ticket. So, it is helpful and easy to buy ticket in online. Many movie hall managements can get chance to open their service and operate their ticket activity by our web application. If our application becomes successful then all movie hall management become encourage to open their own ticket service system through online.

### 1.3 Objectives

Our application has 24/7 services and ticket booking. We made our application user friendly. User can book ticket through simple login and registration process. User can search movie by many categories and movie hall. User can see latest, running, upcoming, action, romantic and horror movie and also watch the trailer, sports match schedule and buying that ticket via hand cash or online like rocket and bkash. Also, User can see the latest and hit news about entertainments.

#### **Customer portal:**

It is an amazing web application for collect ticket. User can get many facilities like search movie, movie hall, sports and concert. They can watch the latest movie trailer. They can see top movie, book ticket, see the show trailer, cancel ticket and view their cart history.

## **System admin portal:**

System admin can approve user request to buy tickets and provide tickets. Admin can add, edit and update the movie, movie hall, sports and concert information and also the user details. They can update company status and generating different categories report. Admin can change movie category, movie status, and ticket price.

## **1.4 Expected Outcome**

Individuals can spare commonly by booking on the web tickets. It's a simple method to identify the best movie and movie hall. Individuals can see the up and coming and most recent movie news and trailer. They can get an opportunity to see the energizing match timetable and purchase tickets. Individuals can purchase a well-known movie ticket and discover ticket conveyance effectively. Thus, they don't have to endure a different issue with purchasing tickets.

## **1.5 Report Layout**

### **Chapter 1: Introduction**

In this section, we have examined about the motivation, objectives and the expected outcome of the project.

### **Chapter 2: Background**

We talk about the foundation conditions of our venture. We likewise examined the related work, correlation with other applicant frameworks, the extent of the issue and difficulties of the task.

### **Chapter 3: Requirement Specification**

This section is about the necessities like business process displaying, the prerequisite accumulation and investigation, the utilization case model of the venture and their depiction, the consistent social database demonstrate and the structure prerequisites.

### **Chapter 4: Design Specification**

Details of all the design of the projects are discussed in this chapter. They are Front-end design, back-end design, interaction design, UX and the implementation requirements.

## **Chapter 5: Implementation and Testing**

Subtleties of all the structure of the undertakings are talked about in this section. They are Front-end configuration, back-end plan, collaboration structure, UX and the usage prerequisites.

## **Chapter 6: Conclusion and Future Scope**

We talked about the end and the degree for further advancements which basically determine the project.

## **CHAPTER 2**

### **BACKGROUND**

#### **2.1 Introduction**

A few months ago, my friend and I went to watch “Aynabajhi” movie in Balaka cinema hall. After reaching the hall we wanted to collect ticket from the ticket counter. But there is a big public line. When we got chance to collect ticket, we were disappointed because the ticket was finished. On that day we decided to build an application that serve ticket via online. In this modern life online dependency increasing day by day. People buy their tickets like Movie, sports, concert via online. By our web application they can buy their desire tickets easily. They can also see the latest and upcoming movie trailer and sports schedule.

#### **2.2 Related Works**

In our country there are some similar kinds of application that serve service like movie, sports, and concert, ticket properly. By our application people can get all the service properly.

Shohoz.com is one of the biggest and premium web-based ticketing stage in Bangladesh. Shohoz.com sells transport, dispatch, live occasions, movies, and cricket tickets online through its site, android applications just as a hotline number 16374. When the clients pay for their tickets utilizing bKash/Credit or Check cards or money down, the e-ticket is messaged to them naturally. It is an online ticket booking application. It likewise offers administrations to get a movie ticket, a sports ticket in Bangladesh. We pursue their ticket handling and conveyance framework [1].

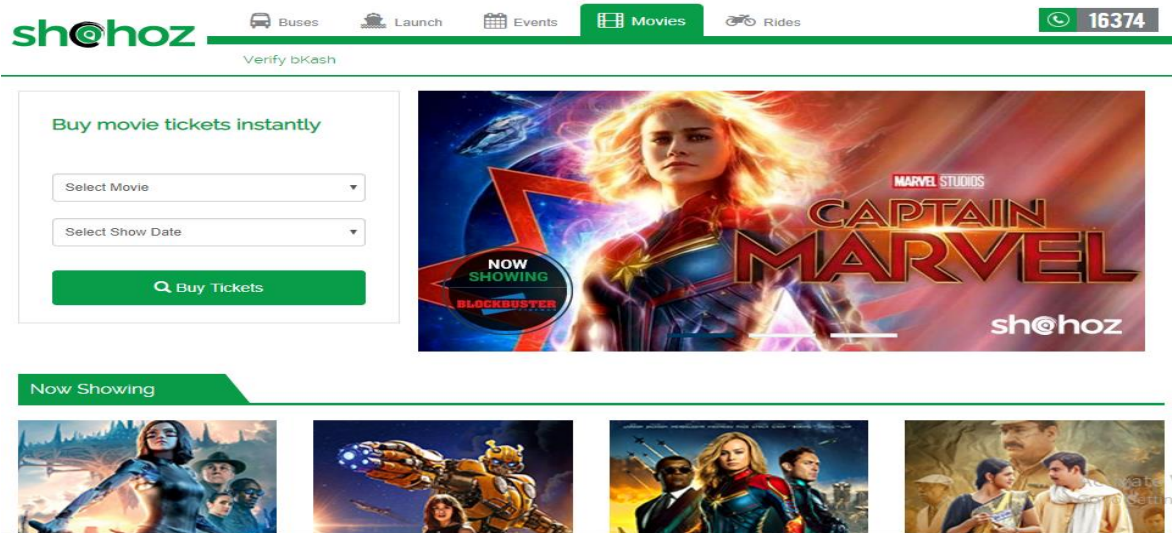


Fig 2.1 : Shoohoz.com homepage

There are also some online ticket booking applications. Star Cineplex is a Bangladeshi movie theater chain located in the country's one of the biggest shopping malls Bashundhara City. They serve tickets online and anyone can see the movie details, rating point, movie time, and buy tickets by debit/credit card [2].

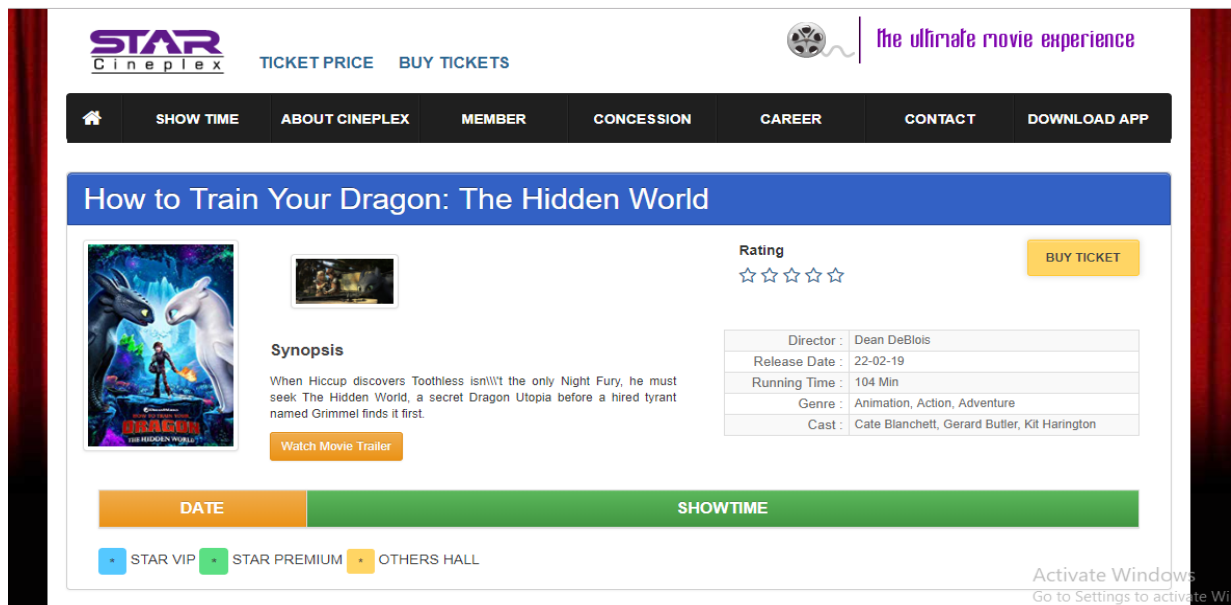


Fig 2.2 : cineplexbd homepage

Blockbusterbd is located in Jamuna Future Park. Anyone can see the movie schedule time, ticket price and buy that ticket via online. People can see the latest and upcoming movie details and movie trailer by this application[3].

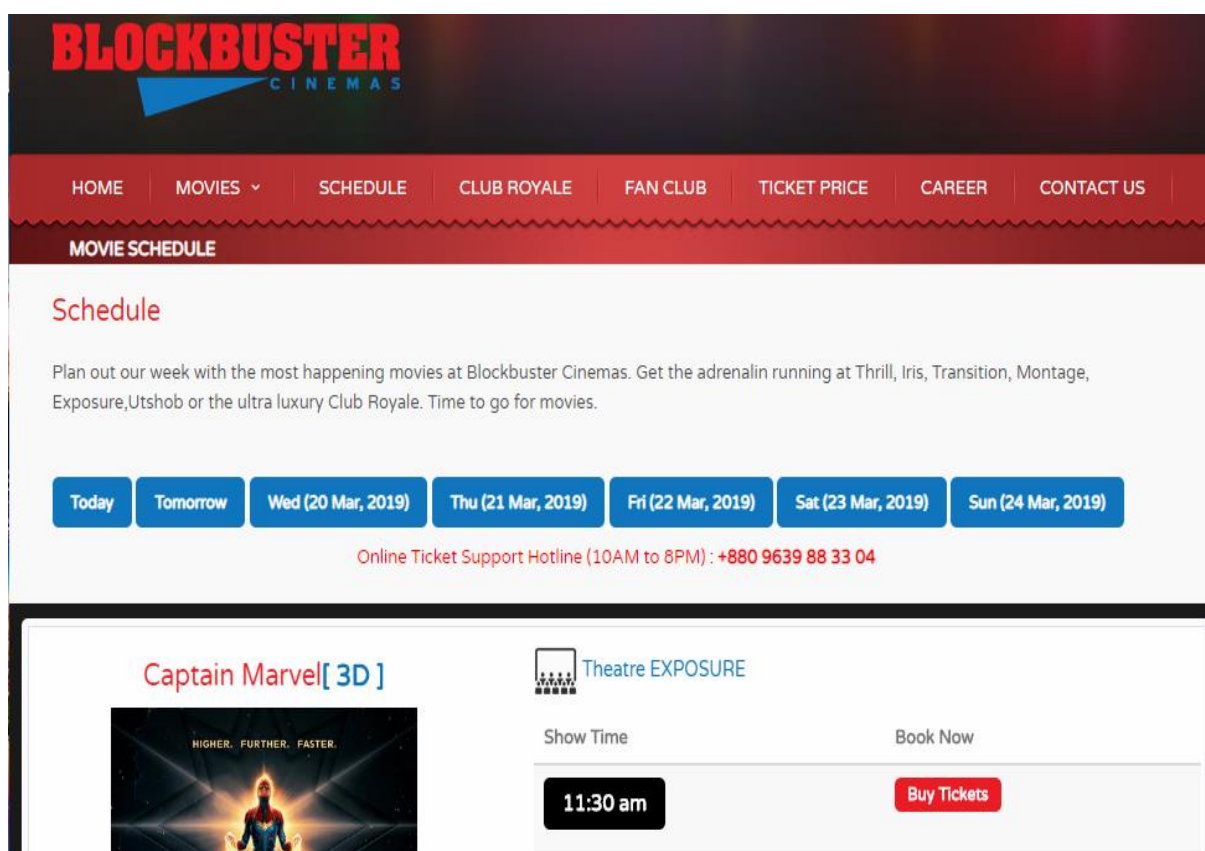


Fig 2.3 : blobckbusterbd hompage



### **2.3 Comparative studies**

The majority of the accessible web uses of movie ticket booking have a couple of halls accessible. Individuals can't get the ideal ticket that they need. Prior to going to build up our application, we visited some site and see that the majority of the site can't give the administrations legitimately. In the wake of seeing these sorts of issue, we endeavor to build up our site however much as could be expected. In this application, we endeavor to include all movie corridor, include movie trailer, sports calendar, and show data. There are some different applications like our own however our application is anything but difficult to utilize and easy to use. With the goal that individuals can book and get a ticket effectively.

### **2.4 Scope of the Problem**

Our application is online ticket booking administration and it completely subordinate in on the web. Thus, in the event that anybody doesn't have an appropriate web, they can't get to this application. In our nation, there isn't much web accessible. Thus, it was trying to utilize this application in there. What's more, right off the bat, we serve this administration in Dhaka. In this way, any individual who is out of Dhaka can't find that administration.

### **2.5 Challenges**

At first, we face a few difficulties while starting this application and it is a major test to us that our application should develop appropriately and reach to the general population legitimately. In the event that any web issue happens in our nation, at that point client can't get to that administration. The pool of Web inclusion in our nation and because of online administration, numerous Movies Lobby Organization might not consent to utilize this online framework. It is our enormous test to increase best Objectives and Desires for the client.

## CHAPTER 3

### REQUIREMENT SPECIFICATION

#### 3.1 Business Process Modeling:

BPM is a method for taking a gander at and afterward controlling the procedures that are available in an association. It is a successful technique to use in the midst of emergency to verify that the procedures are proficient and compelling, as this will result in a superior and more cost-productive association. BPM is best idea of as a business work on, including strategies and organized techniques. It's anything but an innovation, however there are advancements available that convey the descriptor on account of what they empower: in particular, recognizing and adjusting existing procedures so they line up with an ideal, apparently improved, future situation. It is tied in with formalizing and organizing better methods for work to be finished [4].

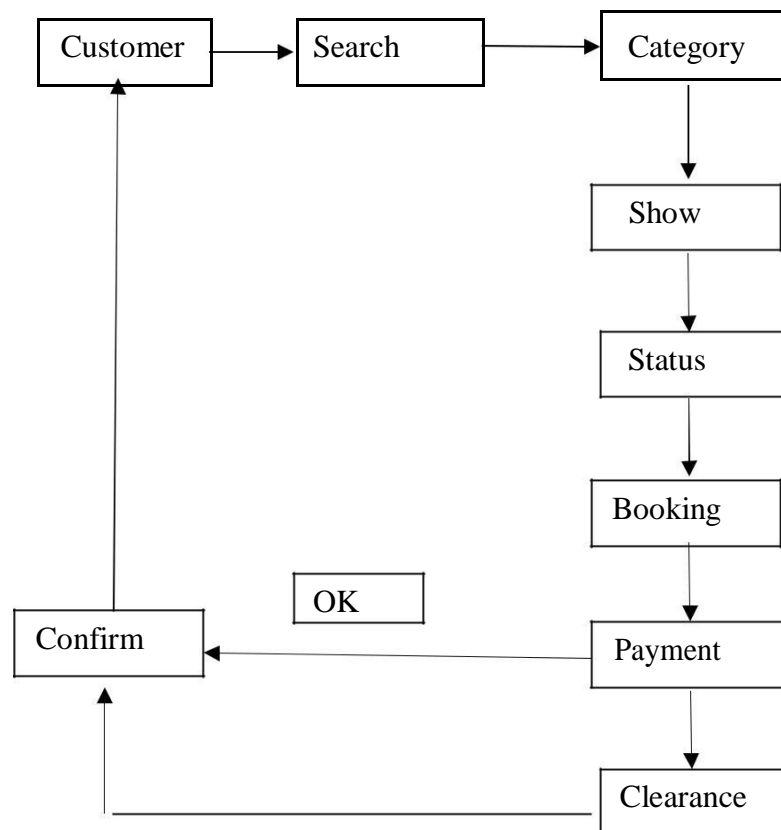


Figure 3.1: Business Process Model diagram

### **3.2 Requirement Collection and Analysis**

For our application, we have to gather a few information and prerequisite from the field. For example,

We have to gather all the data about the movie hall, arena. We likewise need to gather the movie and sports subtleties in the movie hall and arena. We have to realize the movie appearing. At that point, we gather the most recent news.

Our application spares all the data about the client. Show status, show date, and ticket subtleties are put away. Admin can see the client data and ticket booking point of interest.

### **3.3 Use Case Modeling and Description**

Use case modeling from the user model view (also known as the use case or scenario view), which encompasses a problem and solution as understood by those individuals whose problem the solution addresses, involves use case diagrams to depict the functionality of a system. A use case diagram at its simplest is a representation of a user's interaction with the system that shows the relationship between the user and the different use cases in which the user is involved.

### 3.3.1 Use Case Diagram

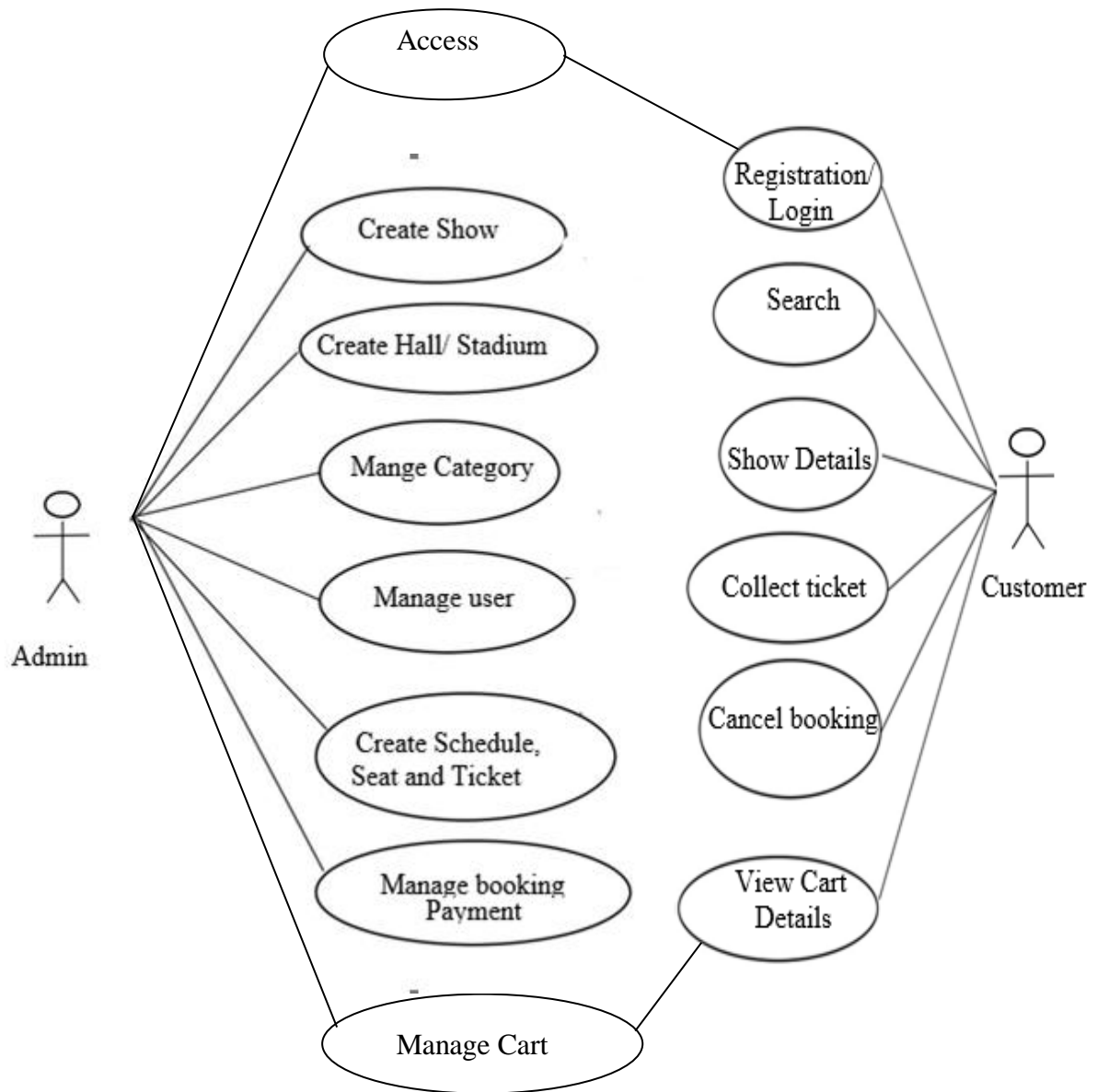


Figure 3.2: Use case diagram

### 3.3.2 Customer portal system

In our application customer, get some facilities. Such as:

**Search Category:** Customers will search movie hall, stadium, movie, sports and concert category.

**Search Movie hall and Stadium:** A customer can look through their most loved movie hall. Also, Customer sees the arena that they need to watch sports. A customer sees the subtleties of all movie hall. A customer can contract with the movie hall and arena association by gathering telephone number and email address. A customer sees all movie.

**Search Movie/Show Category:** Customers will look movie by numerous classifications, for example, repulsiveness, sentimental, activity, and so on. Individuals additionally observe the most recent, forthcoming and running movies. Customer will know the subtleties of the show. Customer will see the chief, performing artist, a portrayal of the movie. Individuals can watch the trailer of the movie. Customer will see the running games and show subtleties and calendar. Customer can see the time and date calendar of their most loved show

**Read latest and hot news:** A client can peruse the most recent news about the movie hall, movie, and sports. Everybody can appreciate the most sizzling news about excitement. Updates on the most loved on-screen characters and players can be perused.

**Book Ticket:** In the event that a customer needs to gather their chose show tickets, our application framework will ask him the login data subtleties. For the new client, our application offers them for enlistment. On the off chance that all data about client coordinate with our database store, he can gather the ticket of his most loved show. Our application sends a booking point of interest to the customer email address. In the wake of booking, a customer can pay installment with money down or a versatile financial framework like Bkash, DBBL.

**Cancel ticket:** User also can cancel their booking ticket.

**Update Cart:** A client can see him booking subtleties via truck. One can refresh her truck subtleties. One can include or drop ticket via truck. One additionally observes the all out installment via truck.

### 3.3.3 Admin portal

In this application, Admin can manage the following elements:

**Manage Movie hall and Stadium:** Admin can make and refresh all data about movie hall and arena. Admin additionally can deal with all subtleties of hall and arena. Admin additionally oversees appears with assembling the connection will hall and arena.

**Manage Movie:** Admin can make and refreshing movie by classification. Admin additionally oversees movie working with the connection of movie hall. Admin can oversee movie subtleties. A movie subtlety contains with the executive, performer, hall name, understand the date. Admin can oversee movie trailer too.

**Manage News:** Admin can make or refresh the most recent and most sweltering news. Admin collect the updates on famous on-screen characters, executive and players. Admin likewise deals with the input arrangement of news, for example, similar to, remark, share, and so on.

**Manage Category:** Admin can manage movie category such as horror, romantic, action. Admin also manage the show status. Admin manage the showing category like running, upcoming and latest show.

**Manage Ticket System:** Admin can oversee tickets the board framework. Admin deals with the show ticket with the responsive calendar. Admin additionally deals with the customer tickets data. Admin can see the charging and dispatching data of the customer. Admin can see the status of customer installment.

**Manage Customer Information:** Admin can oversee customer. Admin can refresh customer-charging status. Admin can see the transportation data of the customer. Admin can likewise observe the installment technique for a customer and administration ticket to the customer.

### 3.4 Logical Data Model

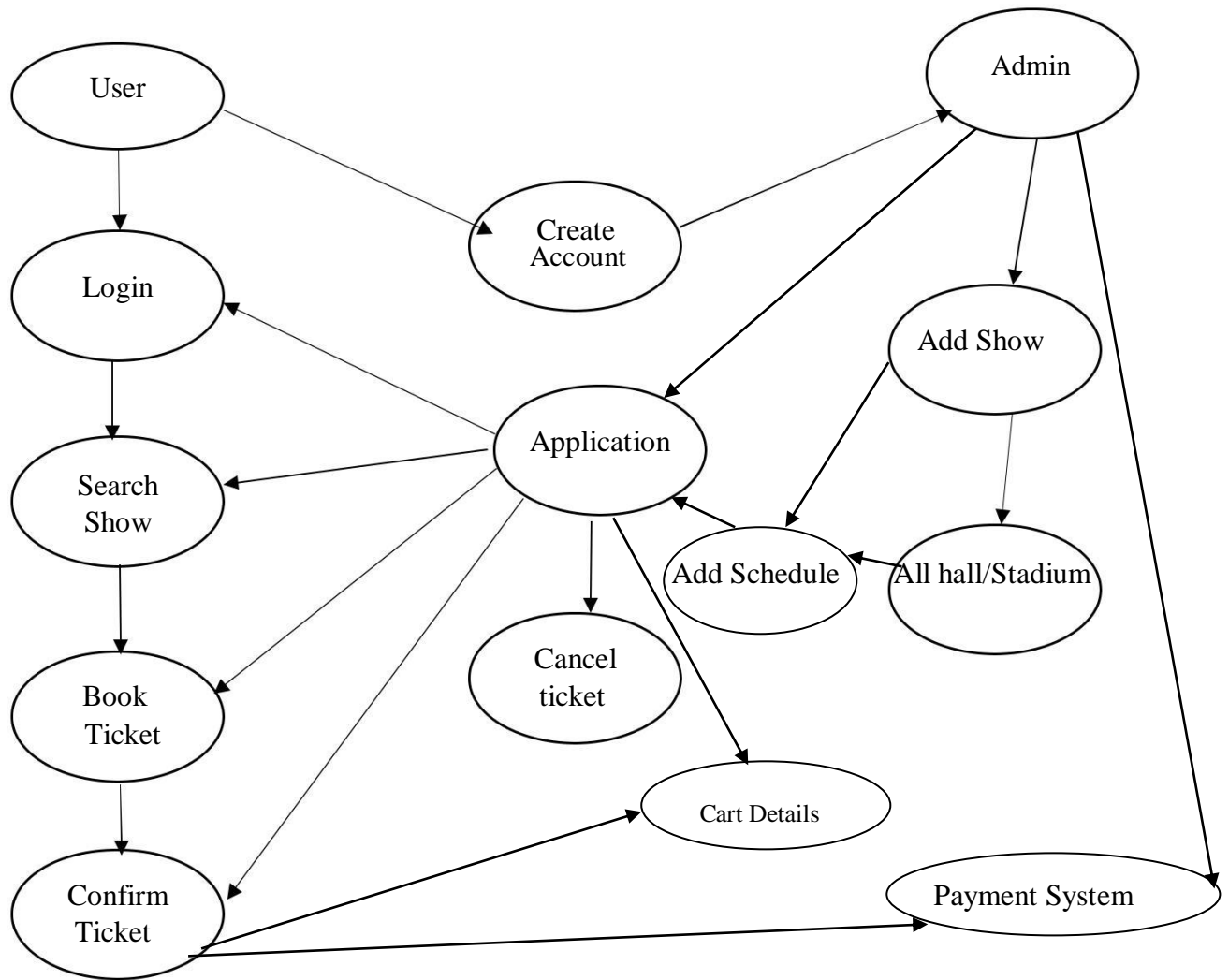


Figure 3.3: Logical data model diagram

### **3.5 Design Requirements**

Three kinds of a client, for example, a typical client enrolled client, and Admin will utilize the framework. Admin can most likely acknowledge or overlook customer-client demand with substantial data. Admin can contract with the register-client by sending letters and telephone call. Admin will set up every fundamental component and deal with all thing. Admin additionally can settings of the entire framework. Admin will probably check the data of the client. On the off chance that Admin finds any extortion or wrong data about register-client, he can evacuate that client. Admin will see the truck subtleties, shipping data, charging data of the client. Admin will see the status of installment of the customer and deal with the installment status.

On the off chance that any client gives the privilege and substantial data, He can get to the ticket framework. The client can enroll to get to this application. Enrolled can login by giving her a legitimate username and secret word. The client can contract with admin by sending letters. The client will most likely observe the truck subtleties and update the truck whatever he needs.



## CHAPTER 4

### DESIGN SPECIFICATION

#### 4.1 Front-end Design

In this system: we have the customer user and system admin.

Initial, another client needs to enlistment in our application. A client needs to enter his First name, Last name, email address, telephone no and a secret word for this enlistment. After effectively total the enlistment procedure then anybody can turn into a client. At the point when the enlistment procedure is finished then the client must login into our application. To login into the framework, a client needs to sign in utilizing our easy to understand login structure, which contains the Email and secret word. After effective login into our application, a client can book a ticket on the web.

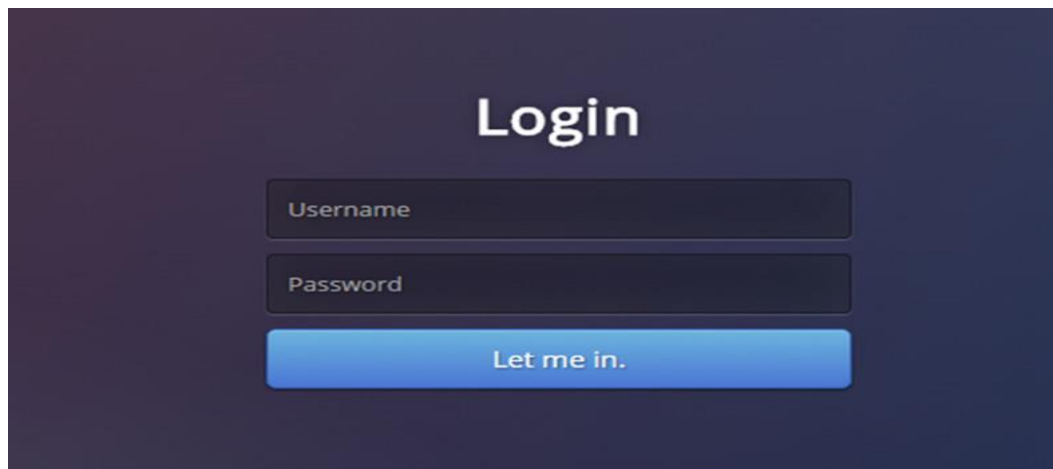
The image shows a login form on a dark blue background. At the top center, the word "Login" is written in a large, white, sans-serif font. Below this, there are two input fields: the first is labeled "Username" and the second is labeled "Password", both in a smaller white font. Below the password field is a blue button with the text "Let me in." in white.

Figure 4.1: Login form

### 4.1.1 Category

In our system we serve 3 types of category show. First one is Movie show, second is sports show, and last one is concert show. User can enjoy these three types of show by the service of our application.

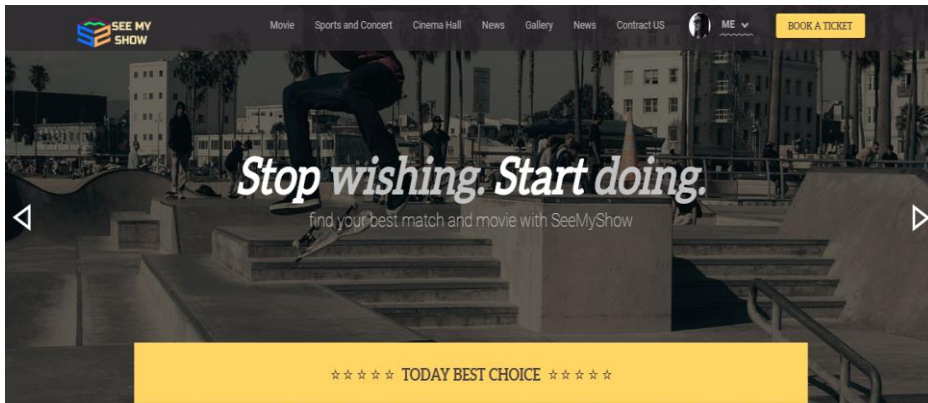


Figure 4.1: Category

### 4.1.2 Movie

A movie is the most imperative stimulation part of our nation. There is an alternate class of a movie in our framework. Like Activity, Sentimental, Awfulness, parody, Sci-fi, and so forth. A client additionally can check the Most recent movie, running movie, an up and coming movie by our site.

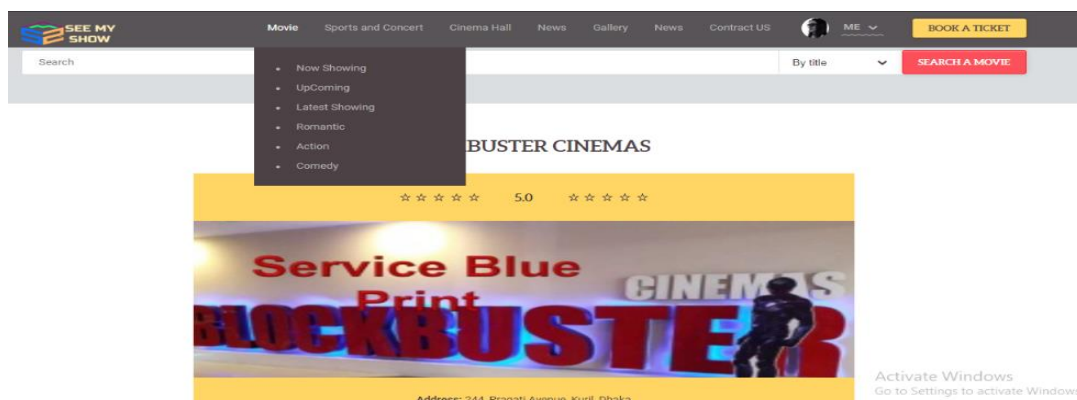


Figure 4.2: Movie Category

### 4.1.3 Movie Hall

In Dhaka there are lot of movie hall like Star Cineplex, Blockbustrs cinemas, Modhumita, Balaka, Rajmoni etc. They show different types of movie like Bangladeshi, Indian Bangla, and English in their hall. User can collect ticket by our application and enjoy in watch movie

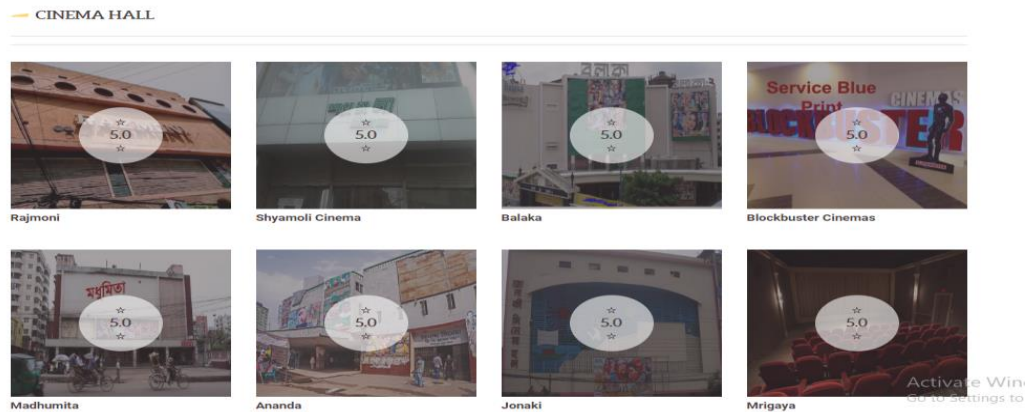


Figure 4.3: Movie Hall Category

### 4.1.4 Sports show and concert

Sports in Bangladesh is a famous type of amusement just as a fundamental piece of Bangladeshi culture. Cricket and football are the most well-known games in Bangladesh. There is a great deal of band vocalist in our nation. Pretty much consistently they are performing in a few spots of Dhaka. A client can book and take a ticket from us and appreciate the match and show appear.

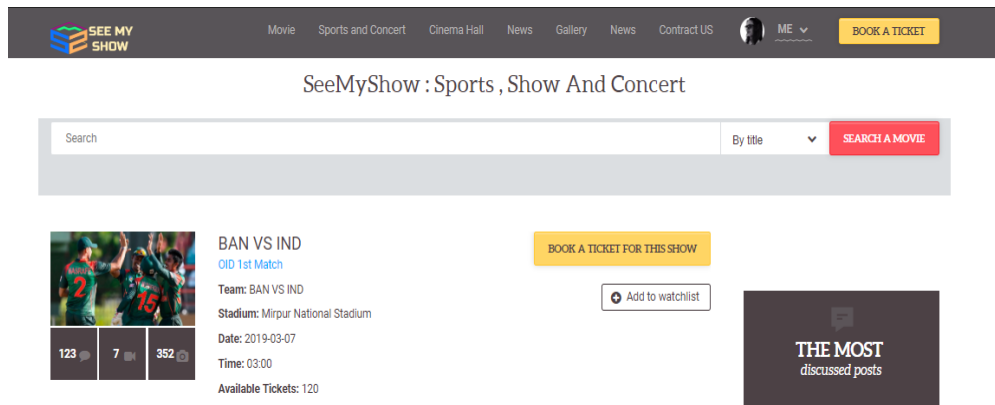


Figure 4.4: Sports show and concert

### 4.1.5 News

Nowadays people are more dependent on internet. They can find the news on internet. So, in our website they can find the latest news and entertainment. If any user connected with us, he can always find and see the latest news on our application.



Figure 4.5: News

### 4.1.6 Gallery

In This page, we take all pictures of show. We also mention the name of show. Customer can find show details by clicking the picture.

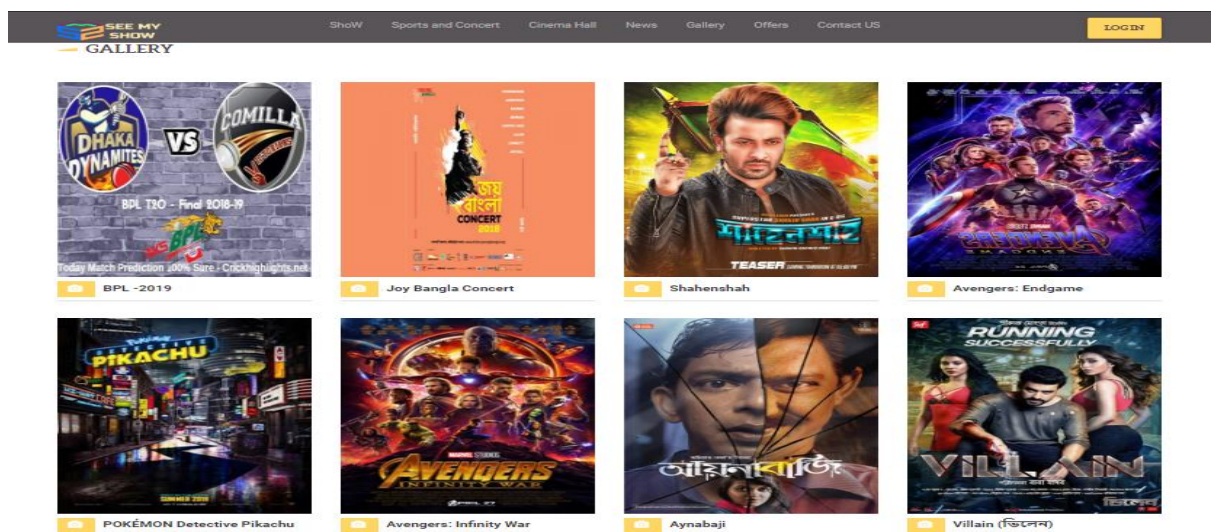


Figure 4.6: Gallery

### 4.1.7 Movie Details

In this page client can see the subtleties of a movie like, movie blurb, nation name, movie class, Discharge date, Executive, Performing artists and so forth. Client can likewise observe the movie hall that the movie was running and furthermore can see the post remark by another client. Client can likewise remark on there as positive or negative view

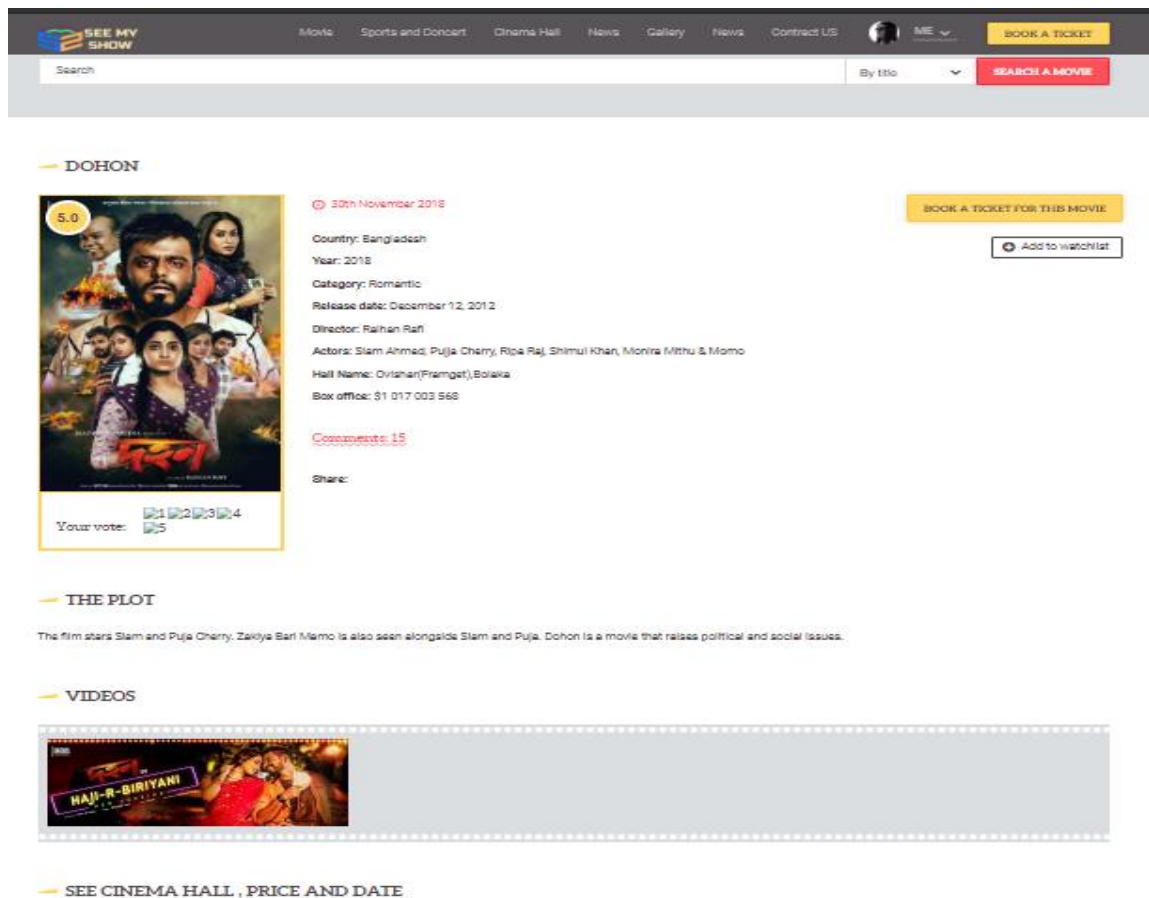


Figure 4.7: Movie details

#### 4.1.8 Movie Price and date

In that page, a client can see the movie hall name that the movie was running. A client additionally can see the ticket value, beginning date, finishing date, and furthermore can see that the ticket was accessible or not. Between the beginning date and completion date, the client can book and purchase their craving movie ticket if the ticket was accessible. At last sight of that page, the client can see the related movie that he watches.

← CHOOSE CINEMA HALL & DATE



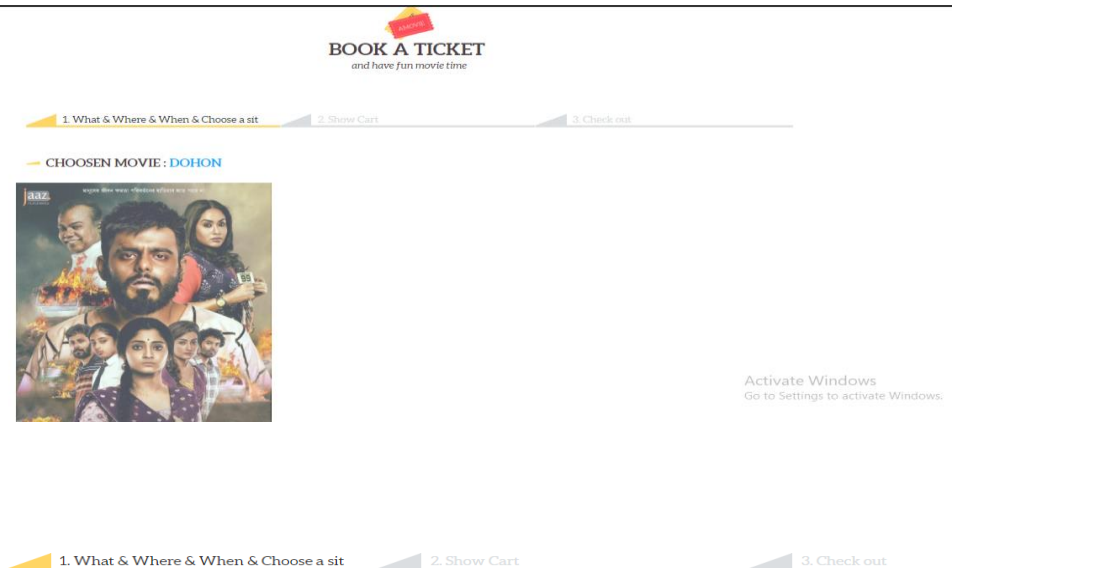
The screenshot shows a date selection interface with three tabs: 28 (selected), 29, and 30. Below the date picker is a list of cinema halls, each with a corresponding showtime displayed in a yellow button.

Cinema Hall	Showtime
Balaka	10:00:00
Shyamoli Cinema	19:15:00
Ananda	10:00:00
Jonaki	10:00:00

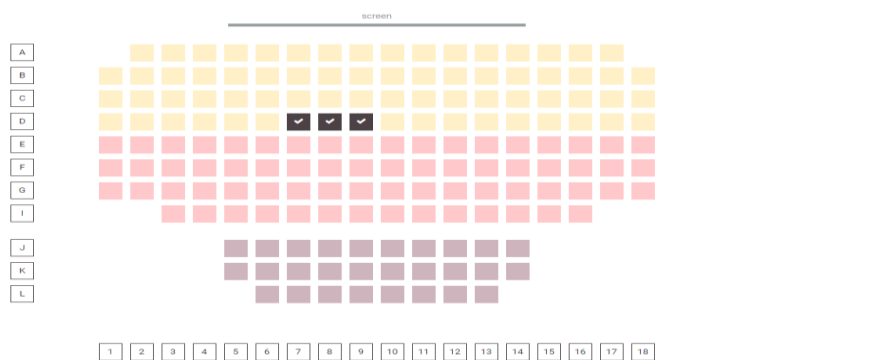
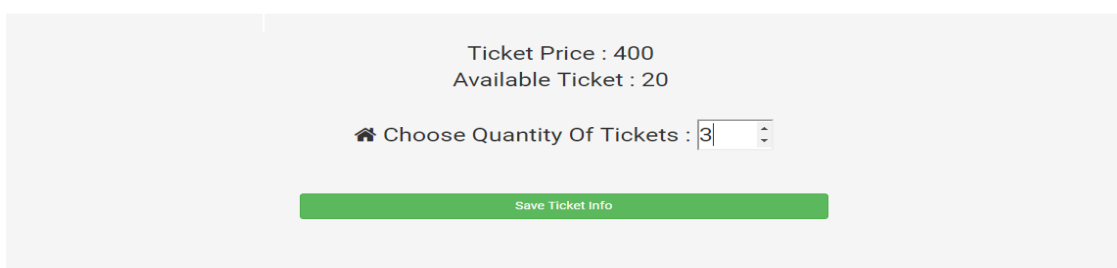
Figure 4.8: Movie Price and date

### 4.1.9 Ticket Booking system

In the first place, the client chooses what movie he will watch, at that point he needs to focus on the hall where he needs to watch the movie. There are an alternate time and date plan for that diagram. A client needs to choose the movie time and after that pick a seat in that movie hall. Subsequent to picking a seat he needs to finish his installment for his ticket. After all the procedure complete, he will discover his ticket.



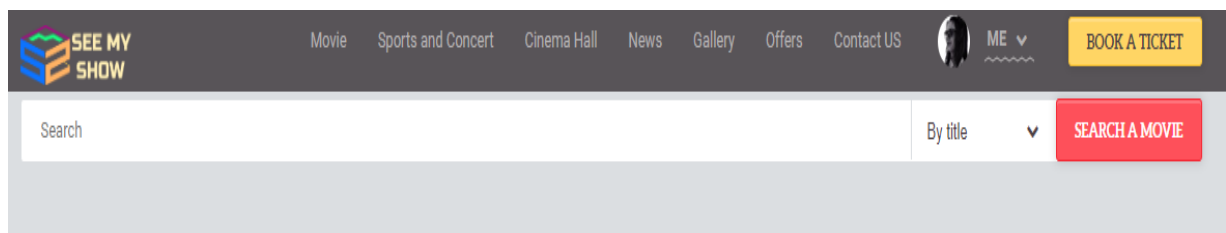
Movie : [Jodi Ekdin](#) || Cinema Hall : [Balaka](#) || Date : [2019-03-28](#) || Time : [10:00:00](#)



4.9: Ticket booking system

#### 4.1.10 Offers

In our application, we keep many offers for customer. Customer can enjoy all this offers by following some condition. The offers name and details are kept in offers page. Customer can easily enjoy all offers from offers page.



#### ← BEST OFFERS

*Watch Happily With Best Offers*



Figure 4.10: Offers



## 4.1.11 Contact us

A client can contact our admin from our contact page. A client can see our contact data on the contact page. For contact, nobody needs to sign in. Along these lines, any customer can get in touch with us without enrollment. A customer put their name email and compose the subject for sending us an email. A customer additionally can get in touch with us with the telephone. Inside 24 hours, we answer to the customer.

SEE MY SHOW

ShoW Sports and Concert Cinema Hall News Gallery Offers Contact US LOGIN

CONTACT

You have any questions or need help,  
*don't be shy and contact us*

Rifatbm1@gmail.com 01772515721

Your Name

Your Email

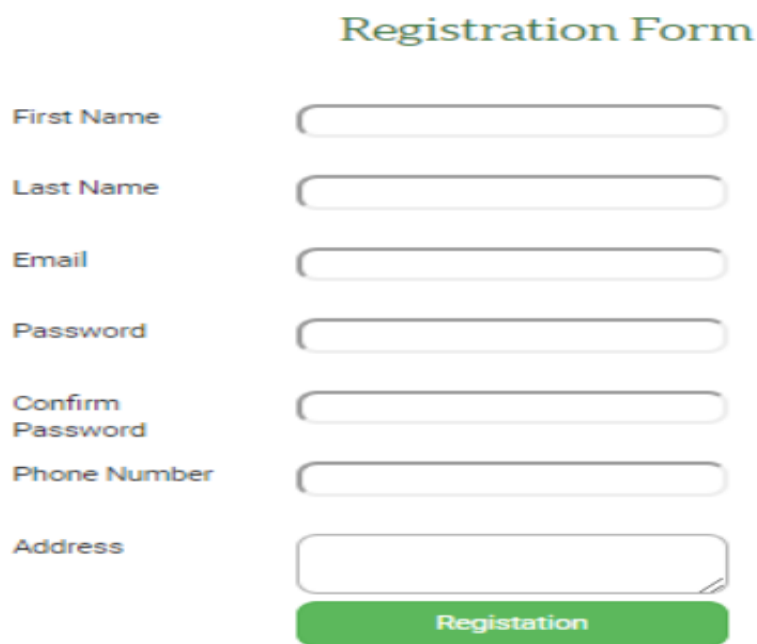
Message

Send A Message

Figure 4.11: Contact us page

### 4.1.12 User Registration Form

For registration in our site customer need to fill the enlistment structure. In the enlistment, structure customer needs to give some data. After enrollment, Customer can access to book show ticket from our application. A customer can top off registration structure by giving the main name, last name, email, and secret key. In the wake of filling this structure, our database server spares the customer data. Our admin can contact with the customer by sending letters. In the event that we get any blame about client data, we can contact with the customer. By reclamation, we get the customer mail address. In this way, we can send our offers, administration strategy to the customer. The enrollment structure has numerous approvals. On the off chance that a customer tops off the correct data, at that point our application takes the data and spare to our database server.



The image shows a user registration form titled "Registration Form". It contains several input fields for user information: First Name, Last Name, Email, Password, Confirm Password, Phone Number, and Address. Each field is represented by a rounded rectangular text box. Below the Address field is a green button labeled "Registration".

Figure 4.12: User Registration Form

### 4.1.13 User Login Form

A client can sign in our application when he tops off the registration structure. Without giving data, nobody can get to sign in a procedure. At the point when the client fills the registration structure by giving his important data, he can login our application. For sign-in client needs to give his email address and secret word. Our application coordinates the email and secret phrase. In the event that the client gives the privilege of login data, he can get to our application. Our application additionally guarantees to keep secure the secret key.

The image shows a user interface for a web application. At the top center is a logo consisting of a colorful cube icon followed by the text "SEE MY SHOW" in yellow and "SING IN FORM" in black. Below the logo is a red note: "If you are not registered then you registration first".

---

The interface is divided into two main sections: "Sign In Form" on the left and "Registration Form" on the right.

**Sign In Form:** It contains two input fields: "Email Address" and "Password". Below these fields is a green button labeled "Login".

**Registration Form:** It contains six input fields: "First Name", "Last Name", "Email", "Password", "Confirm Password", and "Phone Number". Below these fields is a green button labeled "Registration".

At the bottom right of the registration form area, there is a link that says "Activate Wir" and "Go to Settings t".

Figure 4.13: User Login Form

## 4.2 Back-end Design

Admin control and manage all elements in our application.

- Admin can manage all category.
- Admin can control all elements.
- Admin create and manage all category.
- Admin can see the information of user.
- Admin can see the cart details of customer
- Admin can see the booking information.
- Admin can see the billing and shipping information of the customer.
- Admin can see and control the payment status of the customer.
- Admin can change the application status.
- Admin can delete a customer for giving wrong information.

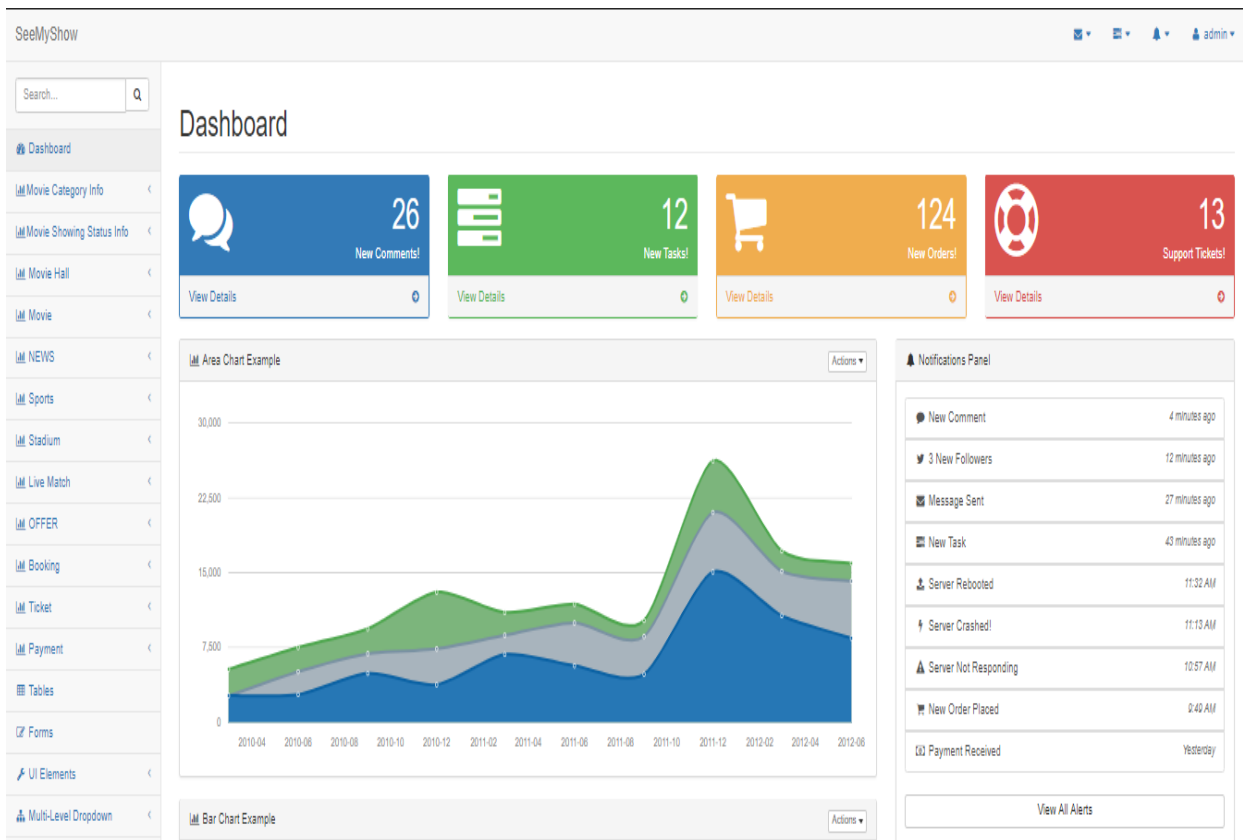
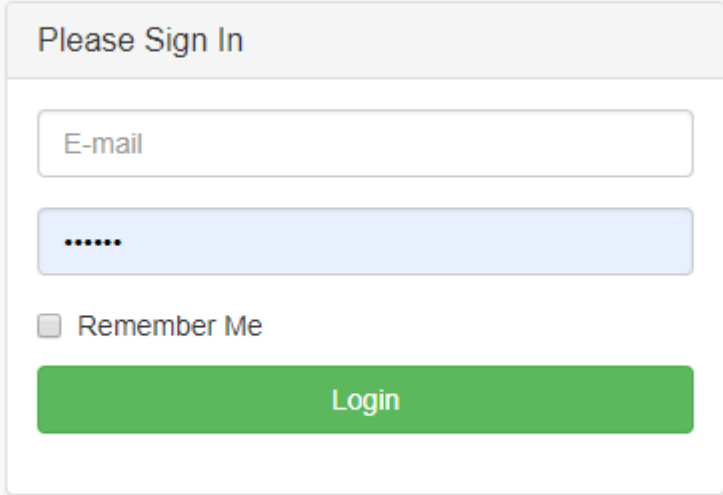


Figure 4.14: Dashboard

### 4.2.1 Admin Login Page

In our application, for access our admin panel admin must login. Only our admin can access our admin panel by provide his correct information. Admin need to give the right email address and password to login. No one can registration to our admin panel because we do not keep sign up option. Only a logged in admin can give access to a new admin for control our panel.



The image shows a login form titled "Please Sign In". It contains the following elements:

- An input field for "E-mail".
- A password input field with a light blue background and masked characters (dots).
- A checkbox labeled "Remember Me".
- A green "Login" button.

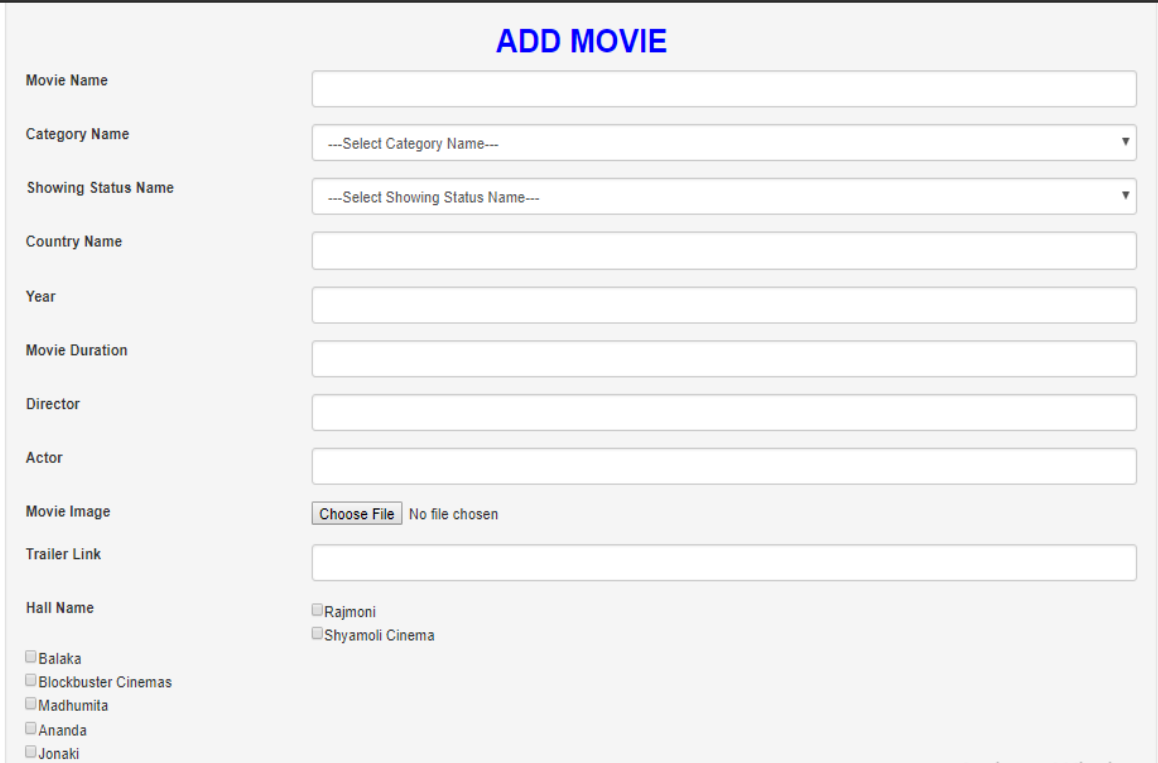
Figure 4.15: Admin Login Page

## 4.2.2 Control panel

Admin can control all elements of admin panel. Admin can create, edit or delete information of our application. Admin can control all elements of the back end. Admin can see the user information and mail. Admin comment will control by admin panel.

## 4.2.3 Create

Admin can make all the components of our application. Admin gathers all data from the field and includes this in our application. Admin can contact with movie hall association and include the hall data. Admin includes the movie data and controls the ticket the executive's framework. Admin gathers the most recent new and includes this in our application. Admin gathers all the arena data and includes the demonstrate that will live in the arena. Also, Admin can make offers for a customer. Admin makes every appropriate idea for the customer. Admin makes the tickets as per the movie hall.



**ADD MOVIE**

Movie Name

Category Name

Showing Status Name

Country Name

Year

Movie Duration

Director

Actor

Movie Image  No file chosen

Trailer Link

Hall Name

Rajmoni

Shyamoli Cinema

Balaka

Blockbuster Cinemas

Madhumita

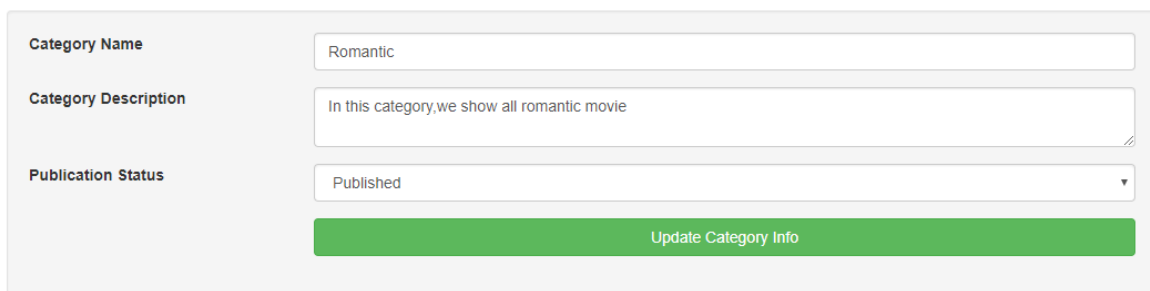
Ananda

Jonaki

Figure 4.16: Create

## 4.2.4 Update

Admin can update all information. Admin can update the movie hall and stadium details. Admin can update the show and show status. Admin can update the ticket management system. Admin can update the customer information. Admin can update the payment status.



Category Name: Romantic

Category Description: In this category,we show all romantic movie

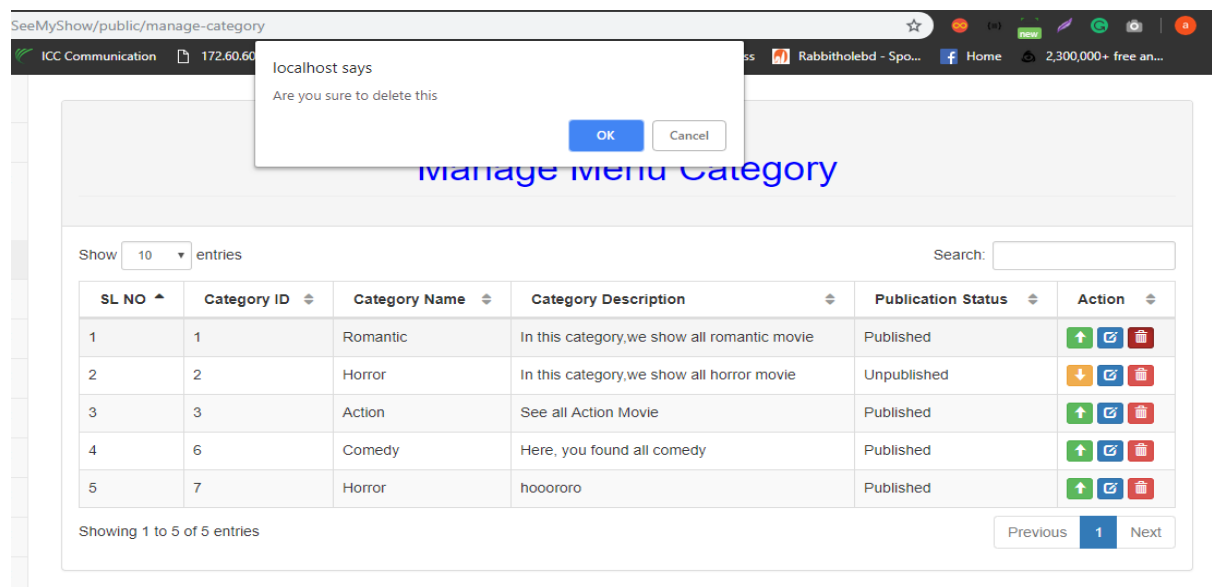
Publication Status: Published

Update Category Info

Figure 4.17: Update

## 4.2.5 Delete

Admin can erase all data. Admin can erase the movie hall and arena subtleties. Admin can erase the show and show class. Admin can erase the ticket concurring the show status. Admin can erase the customer and customer data. In the event that admin gets any blame, Admin can expel any customer. In the wake of taking ticket, admin can evacuate the request data.


















localhost says  
Are you sure to delete this

OK Cancel

manage menu Category

Show 10 entries Search:

SL NO	Category ID	Category Name	Category Description	Publication Status	Action
1	1	Romantic	In this category,we show all romantic movie	Published	  
2	2	Horror	In this category,we show all horror movie	Unpublished	  
3	3	Action	See all Action Movie	Published	  
4	6	Comedy	Here, you found all comedy	Published	  
5	7	Horror	hoororo	Published	  

Showing 1 to 5 of 5 entries Previous 1 Next

Figure 4.18: Delete

## 4.2.6 Project Overview

Information and data are the most significant components of the world. Our application gathers numerous information on excitement. We give a great deal of data about a movie hall, arena, movie, sports, and news. In this way, the client can pick up learning about stimulation by our application. We recommend numerous offers and bundles on our site. A customer can see the area of the movie hall, the arena from our application, so they can without much of a stretch think about the area. Our site is fully easy to understand.

## 4.2.7 Language Requirements

To complete our application, we use following software and tool:

- HTML5
- CSS3
- Bootstrap
- JavaScript
- Vue
- Ajax
- jQuery
- PHP7
- Laravel PHP framework
- Apache
- XAMPP
- PhpStrom
- Xampp
- Brackets



### 4.3 Interaction Design and UX

Connection configuration can be comprehended in basic (however not disentangled) terms: it is the plan of the collaboration among clients and items. Regularly when individuals talk about communication structure, the items will, in general, be programming items like applications or sites. The objective of the collaboration configuration is to make items that empower the client to accomplish their objective(s) in the most ideal way that could be available. There's a colossal cover between cooperation structure and UX plan. All things considered, UX configuration is tied in with forming the experience of utilizing an item, and the most piece of that experience includes some cooperation between the client and the item. Be that as it may, UX configuration is more than cooperation plan: it additionally includes client inquire about (discovering who the clients are in any case), making client personas (why, and under what conditions, would they utilize the item), performing client testing and ease of use testing, and so on.

### 4.4 Implementation Requirements

We used some language to develop our application. And that require language is.

**HTML:** HTML full structure is Hypertext Markup Language. It is the standard markup language for making website pages and web applications. HTML comprises an arrangement component, which used to encase or wrap, diverse pieces of the substance to influence it to show up a specific way, or act a specific way. This article gives you the fundamental learning of HTML and its capacities.

**CSS:** CSS full form is Cascading Style Sheets. Its emphasis placed on "Style." Where HTML is utilized to structure a web record (characterizing things like features and passages, and enabling you to insert pictures, video, and other media),

**JavaScript:** PHP JavaScript is a scripting language used to make and control dynamic site content—yet that probably won't bode well in case you're new to tech. So how about we supplant "dynamic site content" with "things that move, revive, or generally change on your screen without expecting you to physically reload a website page." Think highlights like vivified illustrations, photograph slideshows, autocomplete content recommendations, and intuitive structures.

**PHP:** PHP is Hypertext Preprocessor is a general-purpose programming language originally designed for web development. PHP is a server-side programming language. When we learning PHP Language. we can even learn PHP without realizing HTML yet it's suggested you, at any rate, know the rudiments of HTML.

**AJAX:** AJAX is a lot of web advancement strategies utilizing many web advances on the customer side to make nonconcurrent web applications. AJAX permits website pages to be refreshed nonconcurrent by trading little measures of information with the server in the background. some case of this application utilizing AJAX: google map, YouTube, Gmail, Facebook tabs. Ajax is anything but an exclusive innovation or a bundled item. Web engineers have been utilizing JavaScript and XML in the blend for quite a long while.

**Vue.js:** Vue.js is a dynamic system for structure UIs developed by Evan You. In contrast to other solid structures, Vue is planned from the beginning to be gradually adoptable. Things being what they are, I don't get its meaning precisely?

It implies that Vue.js is a structure that you can dynamically select in to. Despite whether you scale your application up or down, it will work similarly also for you and will remain adaptable as far as tooling design, number of highlights, and group joint effort. For instance, when a site's multifaceted nature scales up, libraries like Vuex and Vue-switch can be received gradually.

**MySQL:** MySQL is an open source social database for the executive's framework. In spite of the fact that it tends to be utilized in a wide scope of uses, MySQL is regularly connected with web applications and web-based distributing. SQL is the most prevalent language for including, getting to and overseeing content in a database. It is most noted for its snappy preparing, demonstrated unwavering quality, simplicity and adaptability of utilization.

**jQuery:** jQuery is the quick, little, and highlight rich JavaScript library. The motivation behind jQuery is to make it a lot simpler to utilize JavaScript on your site. Web investigation shows that it is the most broadly sent JavaScript library by an expansive edge. jQuery's not a programming language. It's a JavaScript work. Furthermore, a capacity, in the event that you've overlooked, is only a square of code, this way:

```
function eat(food) {  
  alert('Eating '+food);  
  return 'yum';  
}
```

**NetBeans:** NetBeans is an integrated development environment (IDE) for Java. NetBeans describes itself as an IDE that “lets you quickly and easily develop Java desktop, mobile, and web applications, as well as HTML5 applications with HTML, JavaScript, and CSS.”

**JetBrains PhpStorm:** JetBrains PhpStorm is a business, cross-stage IDE for PHP based on JetBrains' IntelliJ Thought stage. we know PhpStorm gives a proofreader to PHP, HTML and JavaScript with on-the-fly code investigation, mistake counteractive action and computerized refactoring's for PHP and JavaScript code.

**Photoshop:** Photoshop is Adobe's photograph altering, picture creation, and visual communication programming. It utilizes a layer-based altering framework that empowers picture creation and modifying with numerous overlays that help straightforwardness.

**Framework Requirements:** Bootstrap is a free and open-source front-end web system. It contains HTML and CSS-based structure layouts for typography, shapes, catches, route, and other interface segments, just as discretionary JavaScript expansions. In contrast to numerous prior web systems, it frets about front-end improvement as it were. Laravel is a free, open-source PHP web structure, made by Taylor Otwell, planned for the improvement of web applications following the model– view– controller (MVC) engineering design, and dependent on Symfony.

## CHAPTER 5

### IMPLEMENTATION AND TESTING

#### 5.1 Implementation of Database

Gathering shrewd SQL questions ought to be hindered with a solitary exchange to look after respectability. Expected to set up Database framework client by job. Database the board framework works a successive procedure that handles the solicitation of Database. Execution and Parsing Procedure: Controller class demand SQL. At that point, SQL demand comes to SQL Parser. At that point stores it into code reserve. The parsed code goes to SQL executer. At that point this all solicitation sees the client consent for the particular table. Until completed, the exchange regarded DB table's stores this in the reserve. In the event that an exchange is done, the refreshed data of the DB table being put away in PC Circles [5].

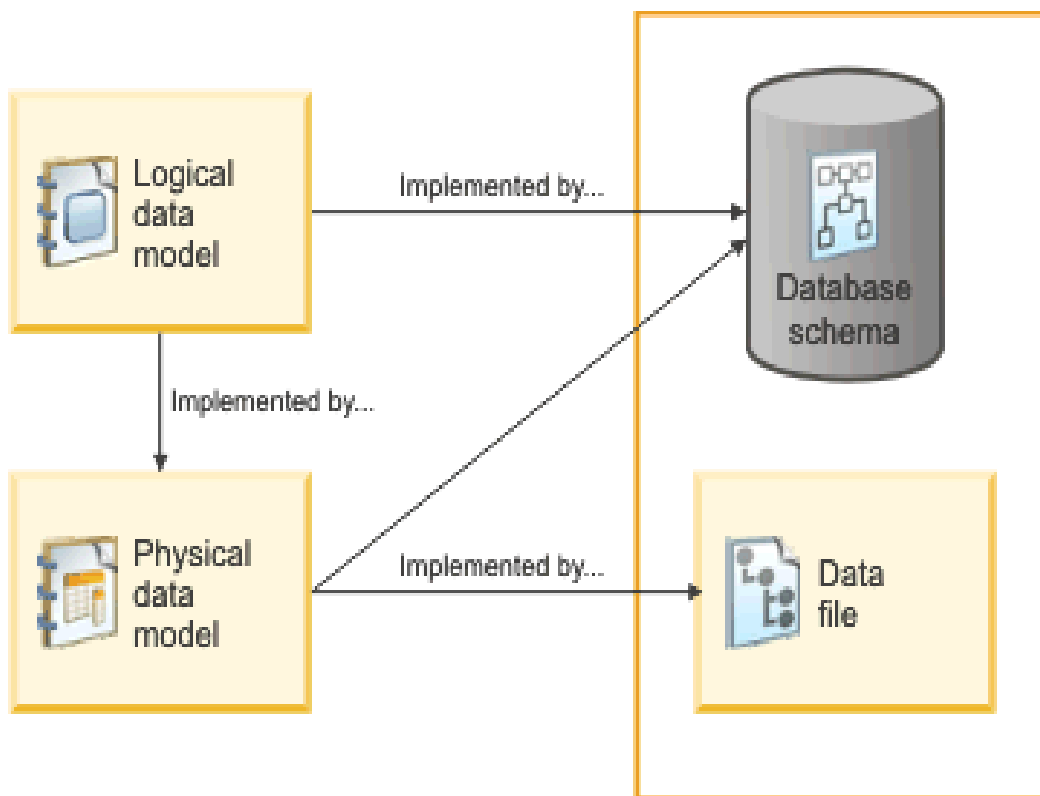


Figure 5.1: Implementation of Database

### **5.1.1 Database Design**

Database configuration is the way toward creating a point by point information model of a database. This information display contains all the required intelligent and physical plan decisions and physical stockpiling parameters expected to create a structure. We attempt to make database structure and endeavor to make a decent database plan.

Planning a database is in truth genuinely simple, however, there are a couple of guidelines to stick to. It is critical to comprehend what these standards are, however, more imperatively is to know why these guidelines exist, else one will in general commit errors

A very much planned information accumulation procedure will significantly affect securing members; in this manner, it is fundamental that your convention shows an information gathering process that incorporates the best practice technique for your order just as strategies that ensure the protection and classification of your members.

Forms database tables are prepared need to design and store data. In Database, there are two essential setting:

- Primary key: For record save, the primary key is unique.
- Foreign key: Foreign key is used to build relationship database between tables [6].

### **5.1.2 Database Management System**

A DBMS makes it workable for end clients to make, read, update and erase information in a database. The DBMS basically fills in as an interface between the database and end clients or application programs, guaranteeing that information is reliably composed and remains effectively available [7].

### 5.1.3 MySQL

MySQL is an open source social database for the board framework. In spite of the fact that it very well may be utilized in a wide scope of utilization, MySQL is regularly connected with web applications and web-based distributing. SQL is the most prevalent language for including, getting to and overseeing content in a database. It is most noted for its fast preparing, demonstrated unwavering quality, simplicity and adaptability of utilization.



	id	category_name	category_description	publication_status	created_at	updated_at
<input type="checkbox"/> Edit Copy Delete	1	Romantic	In this category,we show all romantic movie	1	2018-11-01 08:20:09	2018-12-10 15:11:43
<input type="checkbox"/> Edit Copy Delete	2	Horror	In this category,we show all horror movie	0	2018-11-01 08:21:20	2019-03-16 13:52:49
<input type="checkbox"/> Edit Copy Delete	3	Action	See all Action Movie	1	2018-11-01 08:22:13	2018-12-10 15:12:06
<input type="checkbox"/> Edit Copy Delete	6	Comedy	Here, you found all comedy	1	2018-12-10 15:12:39	2018-12-10 15:12:39
<input type="checkbox"/> Edit Copy Delete	7	Horror	hooororo	1	2019-03-19 18:40:11	2019-03-19 18:40:11

↑  Check all With selected: Edit Copy Delete Export

Figure 5.2: Available movie category database

Options	id	hall_name	hall_address	hall_phone	hall_website	hall_image	hall_description	publication_status
<input type="checkbox"/> Edit Copy Delete	3	Rajmoni	67/1 (1st Floor) Kakrail Dhaka-1000	9976	www.seemysow.live	images/movie-hall/IMG_20170414_130954.jpg	দেশের চলচ্চিত্র শিল্পের উত্থান-পতনের সাক্ষী হয়ে যে...	1
<input type="checkbox"/> Edit Copy Delete	4	Shyamoli Cinema	Shyamoli Square, Mirpur Rd, Dhaka 1207	29117744	http://shyamolicinema.com	images/movie-hall/2016-04-29.jpg	A "talkie" or sound film is a motion picture with ...	1
<input type="checkbox"/> Edit Copy Delete	5	Balaka	New Market Inside Rd, Dhaka 1205	28622103	http://balakacinema.com	images/movie-hall/balaka-cinema-hall-dhaka-banglad...	A "talkie" or sound film is a motion picture with ...	1
<input type="checkbox"/> Edit Copy Delete	6	Blockbuster Cinemas	244, Pragati Avenue, Kuril, Dhaka	88029824007	www.blockbusterbd.com	images/movie-hall/blockbuster-bd-blueprint-1-638.j...	Blockbuster Cinemas want to redefine the movie vie...	1
<input type="checkbox"/> Edit Copy Delete	7	Madhumita	158/160, Dhaka 1000	029550463	www.seemysow	images/movie-hall/maxresdefault.jpg	A "talkie" or sound film is a motion picture with ...	1
<input type="checkbox"/> Edit Copy Delete	8	Ananda	Dhaka 1215	01963258074	www.seemysow.com	images/movie-hall/no_joy_in_ananda_1.jpg	A "talkie" or sound film is a motion picture with ...	1
<input type="checkbox"/> Edit Copy Delete	9	Jonaki	Dhaka	01768754891	www.com	images/movie-hall/jhonaki-cinema-hall.JPG	A "talkie" or sound film is a motion picture with ...	1
<input type="checkbox"/> Edit Copy Delete	10	Mrigaya	Mirpur-2, Dhaka 1216	34434555	www.com	images/movie-hall/rclick-wiki-wikicommons-768x512....	A "talkie" or sound film is a motion picture with ...	1
<input type="checkbox"/> Edit Copy Delete	11	Star cineplex	Bashundhara City 13/3 Ka	01755665544,9138260,9134098 9141332	http://cineplexbd.com/cineplexbd	images/movie-hall/cineplex-180526142637.jpg	The First Multiplex Cinema Theatre in Bangladesh ...	1

Figure 5.3: Available movie hall database

Options	id	movie_name	category_id	show_status	country_name	year	duration	director	actor	movie_image	trailer_link
<input type="checkbox"/> Edit Copy Delete	8	Devi	7	1	Bangladesh	2018	19 october, 2018	Anam Biswas	Jaya Ahsan, Chanchal Choudhury, Animesh Aich, Shab...	images/movie/220px-Debi.jpg	https://www.youtube.com/watch?v=v9ePXXBig
<input type="checkbox"/> Edit Copy Delete	14	Villain (বিদগ্ন)	6	2	Indian bangla	2019	October 12, 2018	Baba Yadav	Ankush Hazra, Mimi Chakraborty, Ritika Sen, Mousu...	images/movie/f32n7f2.jpg	https://www.youtube.com/watch?v=5YV4u_7Vt0
<input type="checkbox"/> Edit Copy Delete	17	Marvel Studios' Avengers: Infinity War	3	3	America(us)	2018	27 April 2018	Anthony Russo, Joe Russo	Robert Downey Jr, Chris Hemsworth, Mark Ruffalo, C...	images/movie/Avengers_Infinity_War_poster.jpg	https://www.youtube.com/watch?v=6ZuNTqHE8
<input type="checkbox"/> Edit Copy Delete	13	Godzilla: King of the Monsters	3	2	America	2019	May 31, 2019	Michael Dougherty	Kyle Chandler, Millie Bobby Brown, Vera Farmiga	images/movie/Godzilla_King_of_the_Monsers.png	https://www.youtube.com/watch?v=B12REk2KY
<input type="checkbox"/> Edit Copy Delete	19	POKEMON Detective Pikachu	6	2	USA	2019	10 May 2019	Rob Letterman	Rob Letterman, Nicole Parinman, Derek Connolly	images/movie/download.jpg	https://www.youtube.com/watch?v=bIL58Eyhdo
<input type="checkbox"/> Edit Copy Delete	7	Poramoni 2	1	1	Bangladesh	2018	18 june 2018	Raihan Rafi	Siam Ahmed, Puja chery, Bappara, Nader Chowdhury...	images/movie/MV5BZDBjNjNDGjZWQ2My00ZjYzLTkyZitM...	https://www.youtube.com/watch?v=E2cK80gUAWU
<input type="checkbox"/> Edit Copy Delete	16	Aynabaji	6	3	Bangladesh	2016	30 September 2016	Amitabh Reza Chowdhury	Chanchal Chowdhury, Masuma Nabila, Farha Banu	images/movie/oqnt6m.jpg	https://www.youtube.com/watch?v=q4HuPKhySk
<input type="checkbox"/> Edit Copy Delete	15	Shikari	6	3	Bangladesh-India	2018	12 August 2016	Joydip Mukherjee	Shakib Khan, Srabanti Chatterjee, Sabyasachi Chakr...	images/movie/220px-Shikari_Second_Theatrical_Poste...	https://www.youtube.com/watch?v=RRyT9Ej5g1

Figure 5.4: Available movie database

+ Options									
			id	sports_name	sports_description	publication_status	created_at	updated_at	
<input type="checkbox"/>				1	Cricket	nice one..	1	2019-02-17 13:19:28	2019-02-17 13:19:28
<input type="checkbox"/>				2	Football	nice one..	1	2019-02-17 13:19:47	2019-02-17 13:19:47
<input type="checkbox"/>				3	Live Concert	nice one..	1	2019-02-17 13:20:01	2019-02-17 13:20:01

Figure 5.5: Sports database

+ Options										
			id	news_title	news_image	news_description	author_name	author_image	author_description	
<input type="checkbox"/>				5	Real Madrid reappoint Zidane as coach to replace S...	images/news/news-image/20190316-The18-Image-Zidane...	<p style="margin: 0px 0px 15px; padding: 0px; line...	BDnews24	images/news/author-image/Zidanes-Real-Madrid-retur...	<p>BDnews24</p>

+ Options									
			id	category_name	category_description	publication_status	created_at	updated_at	
<input type="checkbox"/>				1	Romantic	In this category,we show all romantic movie	1	2018-11-01 08:20:09	2018-12-10 15:11:43
<input type="checkbox"/>				2	Horror	In this category,we show all horror movie	0	2018-11-01 08:21:20	2019-03-16 13:52:49
<input type="checkbox"/>				3	Action	See all Action Movie	1	2018-11-01 08:22:13	2018-12-10 15:12:06
<input type="checkbox"/>				6	Comedy	Here, you found all comedy	1	2018-12-10 15:12:39	2018-12-10 15:12:39
<input type="checkbox"/>				7	Horror	hooororo	1	2019-03-19 18:40:11	2019-03-19 18:40:11

↑  Check all With selected: Edit Copy Delete Export

Figure 5.6 : News database

+ Options										
			id	stadium_name	Stadium_address	stadium_phone	stadium_website	stadium_image	stadium_description	
<input type="checkbox"/>				5	Bangabandhu National Stadium	Dhaka	+5545555	www.bdcr.com	images/stadium/1200px-Bangabandhu_National_Stadium...	Bangabandhu National Stadium (Bengali: বঙ্গবন্ধু জু...
<input type="checkbox"/>				6	Bangladesh Army Stadium	Dhaka-Mymensingh Highway Dhaka, Bangladesh	+5545555	http://en.wikipedia.org/wiki/index.html	images/stadium/Bangladesh-Army-Stadium-6.jpg	Bangladesh Army Stadium is a multi-use stadium in ...
<input type="checkbox"/>				7	Fatullah Osmani Stadium	Fatullah, Narayanganj	+5545555	www.com	images/stadium/2-16.jpg	Khan Shaheb Osman Ali Stadium (Bengali: খান শাহেব ...
<input type="checkbox"/>				4	Sher-e-Bangla Cricket Stadium	Mirpur Rd, Dhaka 1216	+5545555	http://www.tigercricket.com.bd/	images/stadium/2017-07-08.jpg	The Sher-e-Bangla National Cricket Stadium, also c...

↑  Check all With selected: Edit Copy Delete Export

Figure 5.7 : Stadium database



+ Options

	id	offer_title	offer_description	publication_status	created_at	updated_at
<input type="checkbox"/> Edit Copy Delete	1	Family Ticket	No One pays under 5-years child price!	1	2019-03-12 16:20:34	2019-03-12 16:20:34
<input type="checkbox"/> Edit Copy Delete	2	Friends Ticket	Get One Ticket Per 20 Tickets Purchase!	1	2019-03-12 16:22:33	2019-03-12 16:22:33
<input type="checkbox"/> Edit Copy Delete	3	Teen Ticket	Aged 13-18? Save up to 5% on The Adult Ticket Pric...	1	2019-03-12 16:25:40	2019-03-12 16:25:40
<input type="checkbox"/> Edit Copy Delete	4	Super MonDay	Save Up to 10% with 10 Purchase!	1	2019-03-12 16:26:45	2019-03-12 16:26:45

Check all With selected: Edit Copy Delete Export

Figure 5.8 : Offers database

Options

	id	first_name	last_name	email	password	phone_number
<input type="checkbox"/> Edit Copy Delete	3	abm	abm	aaa@gmail.com	\$2y\$10\$rwFqRJ2zoKi6CQIBTEJJruHsctoBP9p4p5wbekS5vs...	01774852154
<input type="checkbox"/> Edit Copy Delete	4	heron	bala	heron@gmail.com	\$2y\$10\$oc19rIHf.tQrzHZwhq5TTOkj3YMxH.ENIqUaaTRn61F...	01778542145

Check all With selected: Edit Copy Delete Export

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Figure 5.9 : Customer database

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	id	full_name	email	phone_number	address	created_at	updated_at
<input type="checkbox"/> Edit Copy Delete	2	heron bala	heron@gmail.com	01778542145	rrrrrrr	2019-03-19 15:19:22	2019-03-19 15:19:22
<input type="checkbox"/> Edit Copy Delete	3	heron bala	abm@gmail.com	01778542145	hhhhhhjjhj	2019-03-19 15:26:26	2019-03-19 15:26:26
<input type="checkbox"/> Edit Copy Delete	4	jhjhj	hero4444n@gmail.com	01778542145	4444	2019-03-19 15:41:36	2019-03-19 15:41:36
<input type="checkbox"/> Edit Copy Delete	5	heron bala	hffffffn@gmail.com	01778542145	sffaf	2019-03-19 18:50:17	2019-03-19 18:50:17
<input type="checkbox"/> Edit Copy Delete	6	heron bala	cccccon@gmail.com	01778542145	cccc	2019-03-19 21:38:50	2019-03-19 21:38:50

Check all With selected: Edit Copy Delete Export

Figure 5.10: Shipping's database

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	id	movie_name	hall_name	available_ticket	starting_date	ending_date	status	price	publication_status	created_at	updated_at
<input type="checkbox"/>	20	Devi	Rajmoni	50	2019-03-22	2019-03-29	All	150	1	2019-03-19 18:48:42	2019-03-19 18:48:42
<input type="checkbox"/>	21	Devi	Mrigaya	20	2019-03-22	2019-03-29	all	150	1	2019-03-19 18:49:23	2019-03-19 18:49:23
<input type="checkbox"/>	22	Devi	Jonaki	30	2019-03-29	2019-04-12	none	120	1	2019-03-19 18:51:50	2019-03-19 18:51:50
<input type="checkbox"/>	23	Poramon 2	Balaka	30	2019-03-28	2019-03-30	none	150	1	2019-03-20 12:54:20	2019-03-20 12:54:20
<input type="checkbox"/>	24	Poramon 2	Rajmoni	20	2019-03-22	2019-03-29	none	150	1	2019-03-20 12:55:09	2019-03-20 12:55:09

Check all | With selected:  Edit |  Copy |  Delete |  Export

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Figure 5.11: Tickets database

### 5.1.4 Implementation of Tools and Software for Database

We developed the database management system by following tools and software:

- PDO
- Apache
- XAMPP

### 5.1.5 PDO

PDO is an abbreviation for PHP Information Items. PDO is a lean, steady approach to get to databases. It essentially gives you a chance to utilize any database backend reciprocally by giving a lot of strategies on the PDO object for performing inquiries, which thusly utilize an inner execution of the particular question language linguistic structure of the database being used.

### 5.1.6 Apache

Apache is the most broadly utilized web server programming. The Apache HTTP Server, informally called Apache, is free and open-source cross-stage web server programming. Apache server is the administration that takes site demands and after that conveys the substance on to your program. To put it plainly, it's the backend behind the site served, which you don't see.

### **5.1.7 XAMPP**

XAMPP is a free and open-source cross-stage web server arrangement stack bundle created by Apache Companions, comprising chiefly of the Apache HTTP Server. XAMPP is additionally cross-stage, which implies it works similarly well on Linux, Macintosh, and Windows.

## **5.2 Implementation of Front-end Design**

The Web-based systems are portrayed by dispersion, isomerism, simultaneousness, and stage autonomy, and depend on various elements, for example, innovation, segments, stage, server, and engineering. Since the web is a colossal zone so the plan ought to be characterized quickly including a key segment of the framework. It's such a great amount of hard to build up an exquisite front-end plan. Since, for building up a plan for a web index, all the time we need to consider our clients to a cordial front end, it's very idea to offset the structure with the relative Quest for new employment motor. We generally attempt to be basic in UI structure and we attempt some material plan to ensure the application is better.

### **5.2.1 Https**

HTTPS full form is Hypertext Transfer Protocol Secure is an extension of the Hypertext Transfer Protocol. HTTPS is a mix of two conventions, HTTP and SSL/TLS. HTTP utilizes port 80 and HTTPS utilizes port 443, the second one has an encryption calculation that guarantees secure information transmission through a HTTPS encoded association

### **5.2.2 SSL**

SSL (Secure Sockets Layer) is the standard security technology for establishing an encrypted link between a web server and a browser. Several versions of the protocols find widespread use in applications such as web browsing, email, instant messaging, and voice over IP.

### **5.3 Implementation of Interactions**

Our first concern to make this application easy to understand that is the reason any provincial client can without much of a stretch comprehend our framework. For this situation, we have utilized a symbol as opposed to a content connection. We made a smooth online booking framework and enlistment structure. At the point when a client login our site, we have made the basic UI. The client can without much of a stretch discover his/her subtleties can check the booking status. We additionally made a straightforward dashboard for Administrator and counter administrator. Administrator can acknowledge or overlook customer demand then administrator simply need to click a catch and furthermore it needs to contact with an enrolled client administrator should open contact structure and snap the catch. Our application is effectively actualized and the communication of our application with the clients is very excellent.

### **5.4 Testing Implementation**

Testing usage is the way toward testing up and coming execution of another framework, where analyzer or framework designer will check cases and determination, is it implementable or have restrictions

#### **5.4.1 Testing Methodologies**

Methodology Testing is characterized as techniques and testing types used to affirm that the Application Under Test meets customer desires. Test Strategies incorporate utilitarian and non-practical testing to approve the AUT. Spry testing lines up with iterative improvement technique in which prerequisites grow step by step from customers and testing groups.

#### **5.4.2 Unit Testing**

Unit testing is a product testing where singular units or part of programming are tried. Unit tests are fundamentally composed and executed by programming engineers to ensure that code meets its structure and necessities and acts of course. The fundamental thought of unit testing will be trying programming with a little bit of source code of similar programming.

### **5.4.3 Acceptance Testing**

Acceptance tests are made from client stories. Amid an emphasis, the client stories chose amid the cycle arranging meeting will be converted into Acceptance tests. Client Acknowledgment is characterized as a kind of testing performed by the Customer to guarantee the framework as for the necessities that were settled upon. Client Acceptance Testing is the way toward checking that a made arrangement/programming works for 'the client'.

### **5.4.4 Performance Testing**

Performance testing is an alternate sort of programming testing to guarantee programming applications will perform well under their normal remaining task at hand. This test is, for the most part, performed to check whether the product meets the normal prerequisites for application speed, versatility, and strength. Before, performance testing was a particular movement overseen by isolated groups, not the engineers. The procedure commonly took weeks and even months. Explicit tests incorporate spike tests, splash or continuance tests, load tests, and others. The principal goal of performance testing applications is to build up benchmarks for an objective framework.

### **5.4.5 Security Testing**

Security testing on the web is only keeping the web application from all the weakness. Our everything the private information ought to be verified and ought not to be open by other people who do not have consent to get to. Web security testing expects to discover security vulnerabilities in Web applications and their design. So as to create secure applications, it is important to utilize a security advancement lifecycle

### **5.4.6 Usability Testing**

Usability testing is an increasingly well-known system utilized in client-focused association configuration to assess an item by testing it on clients. It is hard to assess and gauge however can be assessed dependent on the underneath parameters: Dimension of Aptitude required, Time required, The proportion of the expansion in client profitability assuming any. We have a ton of advantages of usability testing: Cut expenses, improve your customer experience, increment changes, increment up-sell/strategically pitch, Detect the glaring issues at hand, Target input trumps supposition, set aside extra cash - Lessen content, and so on.

### **5.4.7 Compatibility Testing**

Compatibility is non-practical testing to guarantee customer fulfillment. The target of compatibility testing is to guarantee that the product (or its most recent rendition) is appropriate for its environment – equipment, servers, OS, CPU, and so forth. Running compatibility tests on an application likewise guarantees that it is meeting the business and client necessities and is streamlined for quality. Simply put your site URL, select compatibility test parameters and present the testing demand.

It is utilized to guarantee compatibility of the framework/application/site worked with different items, for example, other internet browsers, equipment stages, clients (on the off chance that if it's a quite certain sort of necessity, for example, a client who talks and can peruse just a specific language), working frameworks, and so forth.

## 5.5 Test Results and Reports

Table 5.1: Test Case Table for Automated Search Engine.

Test Case	Test Input	Expected Output	Actual Output	Result
1.Login	Incorrect or Blank filled	Warn to submit the correct one	Shown the warning.	Passed
2. Password	Incorrect or Blank password.	Warn to submit the correct password.	Shown the warning.	Passed
3. Email	Incorrect or Blank Email	Warn to submit the correct Email.	Shown the Warning.	Passed
4. Check complaint present status.	Input the complaint id or user email.	To show the Complaint.	Shown user Complaint present status.	Passed
5. Send complaint	Input the all valid information and click the submit button	Show an acknowledgment “successfully send”	Shown the acknowledgement	Passed

6. Ignore complaint.	Press the button to ignore the complaint	Delete this complaint after press button.	Complaint deleted	Passed
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## CHAPTER 6

### CONCLUSION AND FUTURE SCOPE

#### 6.1 Discussion and Conclusion

In this modern science and Data innovation individuals attempting to get administration from home. We attempt to give them online administrations however much as could reasonably be expected. In our framework, individuals can purchase online movie tickets by any gadget like a PC and cell phone. They can see the most recent show of a movie, show, movie trailer, sports timetable and match ticket. What's more, on the off chance that anybody needs to discount his ticket he can discount that ticket and reclaim his cash. A client simply needs a web association with access to our application. By our application client can identify the best movie and movie hall. They can get an opportunity to purchase energizing match ticket and astonished anybody to blessing ticket. Online show ticket booking framework deals with all sort of data of prevalent, the most recent and forthcoming movie and sports. This web application will help by giving legitimate subtleties of all movie hall, ticket cost, and sports plan. By this web application, anybody can connect with well-known and hit appear. So why so late. Endeavor to begin your own arrangement at this moment and push ahead with no disarray.

#### 6.2 Scope for further development:

The main point of our project is to give the best online show ticket booking administration for the general population of our nation. Right off the bat, we serve this administration in Dhaka however we endeavor to give that administration everywhere throughout the nation of Bangladesh. Along these lines, anybody can discover our administrations from wherever of our nation. We will get all film hall and sports the executives to gather ticket all over Bangladesh. Later on, anybody can get to our application and locate the best administrations everywhere throughout the nation of Bangladesh. Later on, we endeavor to include Bangla language in our application. In this way, that any of our nation who don't realize English legitimately can utilize our application. A client can pay for a movie ticket in charge/Mastercard later on by our application. Later on, we will endeavor to give greater security to our site so it can't be hacked.

We will utilize fresher highlights with the changing correspondence innovation and add some method to make the framework progressively alluring and accommodating. For utilizing it easily, we will build up our webpage just as a web stage and furthermore android application stage.

We will develop online chatting system. By that, user can chat with our admin in online. And that admin also presents in the movie hall for giving any kind of help and information. Moreover, we were trying to do the project at our best level to satisfy all the users.

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