

Project Specifications

Online Ticket Booking

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1. Abstract

A system titled 'Online Ticket Booking' must be developed for managing the ticket booking service to customers. It is an online system. The main aim of the project is any user can access the service through website at any time without going to the place. As a new user also he can collect all information like movies available, list of theatres etc. Customers may view the contents of any movie show at any time and may book any movie ticket as needed. The program automatically calculates the subtotal and grand total. Without spending much time in standing in a queue for a ticket this system enables the users to have their tickets with less pain. Also it ensures that there is no last minute surprise like seats over, or movie cancelled when the users are waiting to buy a ticket in the queue. All the information like movie release, cancellation of a show, seats are filled will be updated through online.

2. High Level Design Specification

The project contains the following main modules.

- Registration
- Booking Service
- History
- Admin
- Search

- **Registration Module:**

This module allows the users to register themselves. The registered users can sign in to their account and can perform activities such as view movies and theatres details, ticket booking history etc.

- **Booking Service Module:**

This module allows the user to book ticket for a movie show by allowing the users to search for the movie, timings, screening theatre details etc. This module provides options to find out theatre with available tickets then buy the tickets online.

- **Admin Module:**

This module allows the admin to perform administrator activities like maintaining the user Details, Movie details, Theatre details, and Limiting the No of seats available etc.

- **History Module**

This module allows the user to view the ticket booking history. It shows the booked ticket details such as Movie name, date, number of tickets, theatre etc.

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- **Search Module**

This module allows the user to search for information by giving criteria as input. For example, a user can search the specific movie details by giving the movie name, theatre or timings etc.

3. Mandatory Requirements

Following is the list of functionalities which is expected to be provided by the system:

1. User will log on to the application and the login will be based on the role of the user.
2. The access to the system will be based on the roles. The roles are:
 - Admin
 - User
3. Any user can create its Personal Page in the system, the parameters for creating the Personal page at first time will be:
 - Name of the user
 - Personal Details of the user
 - Contact Details of the user
 - Login Detail – username and Password
4. Users are able to search for movie tickets and book the tickets.

Admin is responsible for maintaining all the login parameters and he/she should maintain all users' records according to its personal page

4. Best Practices

The development team must follow the best practices.

1. Coding Standard

- Methods and class names must be meaningful
- Meaningful names for variables
- Meaningful names for controls. To clearly identify the controls, the controls name can start with the control name followed by their functionality name

Sample

txtCustomerName – text field which is used to enter the customer name

btSubmit – button to submit the fields entry

2. Validation for all the fields

- Missing of mandatory fields entry
- Entering numbers for name field etc.
- Identify the other required validation and implement them.

3. Layout design and arrangement of the controls must be proper in UI design**4. Title messages for each dialog and screen must be meaningful.****5. Deliverables Expected**

- Project Documentation Report
- Database script file
- UI design document

6. Database Design

A partial database schema is given below. Additional tables or attributes may be added as per requirement. These database tables are samples only.

ASSIGN_MOVIE

Field	Description
Movieid	Movie iD
Moviename	Movie Name
Theatrename	Theatre Name
Dateavailable	Available Date

ADMIN

Field	Description
UserId	Admin ID
Password	Admin Password
Type	Type of the user

MOVIE_SHOW

Field	Description
Sid	Show Id
TheaterName	TheaterName
MovieName	MovieName
DateofBook	Date of Booking
ShowTime	Show Time
Nooftickets	No of tickets

BOOKING

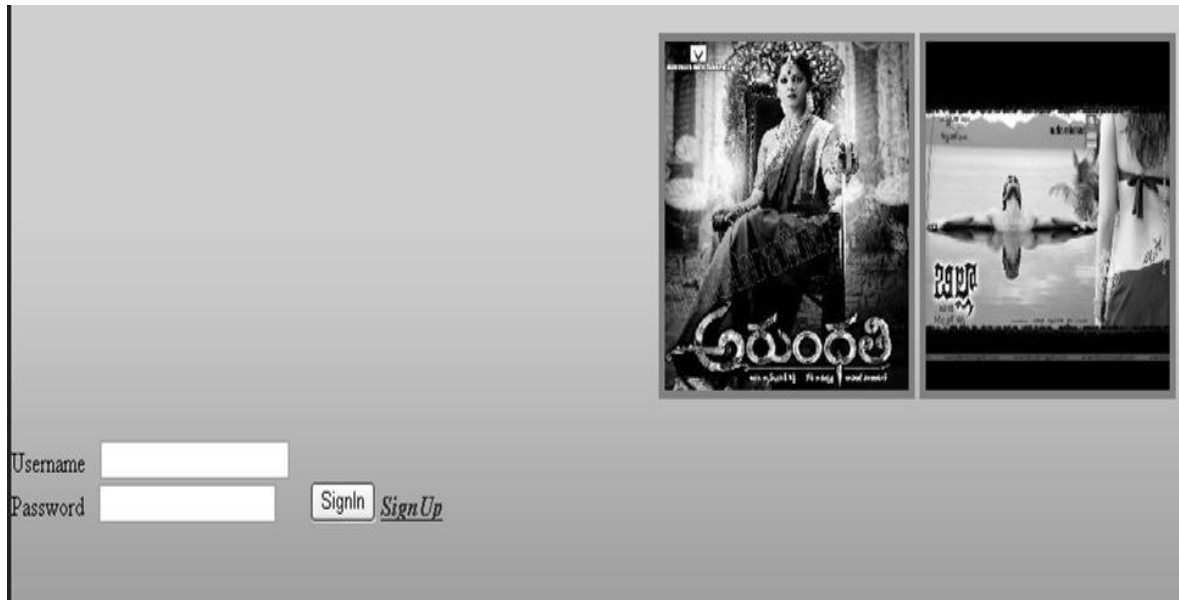
Field	Description
BookingId	Booking Id
UName	User Name
Password	Password
Nooftickets	No of tickets
Seatno	Seat no
Cost	Cost

USER

Field	Description
User_Id	User Id
Password	Password
Name	Name
Gender	Gender
Phno	Phone no
Email id	Email id
Address	Address
Age	Age
type	Type of user

1. SCREEN DESIGN

User Login



The User Login screen features a grey background. In the top right corner, there are two movie posters: 'Guruvu' on the left and 'Share Vy' on the right. Below the posters, the login form consists of two input fields: 'Username' and 'Password'. To the right of the 'Password' field are two buttons: 'SignIn' and 'SignUp'. The 'SignUp' button is underlined and italicized.

Admin Home Page



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Add Movie Page

Movie Name	<input type="text"/>
Movie Director	<input type="text"/>
Actres	<input type="text"/>
Movie Rating	<input type="text"/>
Movie Image	<input type="text"/> <input type="button" value="Browse..."/>
<input type="button" value="Add"/>	View <input type="button" value="Clear"/>

View Movie Page


Movie Name	<input type="text" value="Billa"/>	<input type="button" value="Delete"/>
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MovieName Billa

Movie Director: Moharamesh

Actres Prabhas,Anushka

Movie Rating 2.5



Add Theatre

Theatre Name	<input type="text"/>
Theatre Address	<input type="text"/>
Theatre Size	<input type="text"/>
ticket cost	<input type="text"/>
Theatre Manager	<input type="text"/>
<input type="button" value="Submit"/>	<input type="button" value="Clear"/> View

View Theatre

Theatre Name	<input type="text" value="Sriramulu"/>	<input type="button" value="View All"/>	<input type="button" value="Update"/>		
Name	Manager	Ticketcost	Address	Theatre Capacity	
Satyam 70mm	rangarao	120	Ameerpet	50	
Sriramulu	Balaraju	60	Musapet	70	
Sairanga 70mm	Ramarao	50	Miyapur	100	
Big Cinemas	Bhopal	100	Ameepet	150	
Malikharjuna	Malleswararao	150	Kphb	150	
Ranga	naresh	60	shapur	100	

Theatre Booking

Billa

Select Date

Select Theatre

Select Show

Book Seats

Ticket Cost RS 50/

☐ 1☐ 2☐ 3☐ 4☐ 5☐ 6☐ 7☐ 8☐ 9☐ 10☐ 11☐ 12☐ 13☐ 14☐ 15☐ 16☐ 17☐ 18☐ 19☐ 20

☐ 21☐ 22☐ 23☐ 24☐ 25☐ 26☐ 27☐ 28☐ 29☐ 30☐ 31☐ 32☐ 33☐ 34☐ 35☐ 36☐ 37☐ 38☐ 39☐ 40

☐ 41☐ 42☐ 43☐ 44☐ 45☐ 46☐ 47☐ 48☐ 49☐ 50☐ 51☐ 52☐ 53☐ 54☐ 55☐ 56☐ 57☐ 58☐ 59☐ 60

☐ 61☐ 62☐ 63☐ 64☐ 65☐ 66☐ 67☐ 68☐ 69☐ 70☐ 71☐ 72☐ 73☐ 74☐ 75☐ 76☐ 77☐ 78☐ 79☐ 80

☐ 81☐ 82☐ 83☐ 84☐ 85☐ 86☐ 87☐ 88☐ 89☐ 90☐ 91☐ 92☐ 93☐ 94☐ 95☐ 96☐ 97☐ 98☐ 99☐ 100