

Project Synopsis

Types of user 3 and their functionality

1. Admin
2. Customer
3. Guest

1 Admin

- Add movie
- Update movie
- Delete movie
- Add theatre
- Update theatre
- Delete theatre
- Login
- Logout
- Add offer
- Delete offer
- Generate various reports
 1. Customer payment status
 2. View theatres
 3. View movies
 4. Month wise customer transaction details

2 Customer

- Login
- Logout
- Delete account
- Search theatre
- Search movies
- View offer
- Book movie
- View/edit profile
- Change password
- View booking history

3 Guest

- Search theatre
- Search movies
- View offer
- Sign up

Table	Columns	Data Type	Constraints	
customer				
	<u>customer_id PK</u>	NUMBER(10)	PRIMARY KEY	
	first_name	VARCHAR2(20)	NOT NULL	
	last_name	VARCHAR2(20)		
	email	VARCHAR2(20)	NOT NULL, UNIQUE	
	mobile	VARCHAR2(10)	NOT NULL, UNIQUE	
	date_of_birth	DATE	NOT NULL	
	loginid	VARCHAR2(20)	NOT NULL, FOREIGN KEY	
user_type				
	<u>loginid</u>	VARCHAR2(20)	PRIMARY KEY	
	usertype	VARCHAR2(20)	Not null	
	password	VARCHAR2(20)	NOT NULL, CHECK length>6 characters	
movie				
	<u>movie_id</u>	NUMBER(10)	PRIMARY KEY	
	movie_name	VARCHAR2(50)	NOT NULL, UNIQUE	
	movie_desc	VARCHAR2(500)	NOT NULL	
	release_date	DATE	NOT NULL	
	duration	NUMBER(3)	NOT NULL, CHECK (duration> 60)	
	cover_photo_url	VARCHAR2(500)	NOT NULL	
	trailer_url	VARCHAR2(500)	NOT NULL	
**movie_theatre				
theatre				
	<u>theatre_id</u>	NUMBER(10)	PRIMARY KEY	
	theatre_name	VARCHAR2(20)	NOT NULL, UNIQUE	
	city_name	VARCHAR2(20)	NOT NULL	
	ticket_price	NUMBER(5,2)	NOT NULL, DEFAULT = "150.00"	
booking				
	<u>booking_id</u>	NUMBER(10)	PRIMARY KEY	
	customer_id	NUMBER(10)	NOT NULL, FOREIGN KEY	
	<u>movie_id</u>	NUMBER(10)	NOT NULL, FOREIGN KEY	
	<u>theatre_id</u>	NUMBER(10)	NOT NULL, FOREIGN KEY	
	booking_date	DATE	NOT NULL	
	no_of_seats	NUMBER(10)	NOT NULL	

*Main schema has been given create other tables for all requirements.

**Movie_theatre table should have movieid & theatreid

Detailed Functionality:

- 1) should maintain a common theme for all pages
- 2) pages should have header nav bar and footer
- 3) add some static pages like about us ,contact as per your choice

Admin:

- 1) This page contains a form to accept movie details.
Movie id should be generated programmatically.
Theatre id should be displayed in the combo list
Movie des field should contain all the details of the movie. check release date should not be older than the current date
Create a folder to store movie photo and add url to the field.
- 2) except id other thing can be updated in update movie check release date should not be older than the current date
- 3) admin should get the list of movie along with button to delete the respective movie from the list.

- 4) theatre id should be randomly generated unique number
- 5)check theatre name has already in the database or not
- 6) except id other thing can be updated in update theatre
- 7)admin should get the list of theatre along with button to delete the respective theatre from the list.
- 8)based upon frequently booked movies admin can offer discount for specific user
Develop a business logic to generate offer to certain customer and store them into the database
Maintain a table for offer
- 9)admin can add the offer by filling up a form and also delete any specific offer
- 10)admin home page should have links to get info regarding customer movie and theatre ,also can get the details of customer payment status and monthly transaction.

Customer:

- 1) in customer home page he should get option to delete account->(all the data related to that customer should be deleted from the back end)
- 2)change password will ask old password new password and confirm new password check if old & new are same or not also check new and confirm new password is matched or not.
- 3) In edit profile except email and username other things can be changed
- 4)customer can view order history that will display all his/her previous booking details
- 5)when customer wants to book a movie he/she has to select theatre from the list and provide number of seats required and will be redirect to the payment page(payment should be a dummy one will ask for credit/debit card payment, customer has to provide card number, name, expiry month/year and csv number)after a successful payment customer should get a payment receipt.(after payment process payment status should be marked as "pending", admin should change it as "success" from admin portal).

Guest

sign up form

Will have first name, last name, date of birth, login id & password, check password should have 6 digit length along with show strength while entering combination of lower case, uppercase number and special letters(#\$_). Check if username has already been registered or not, display suitable error msg for all validation.

a) Home page should contain login option and all search facility after login customer and admin should get same home with additional links.

b) Search option must have the option to search by movie name, search by theatre name search by releasing date

c) guest user can able to search, view offer and signup

*session should be maintained properly.

* all the form should have validation for fields

* use ajax in appropriate place

* proper back end structure should be maintained.