Database Systems

BSCS-01

SECTION: **B**

DATE: 29th June 2022

Project Report

SUBMITTED BY:

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CINEMA MANAGEMENT SYSTEM

SUBMITTED TO: **Dr. Madiha Tahir**

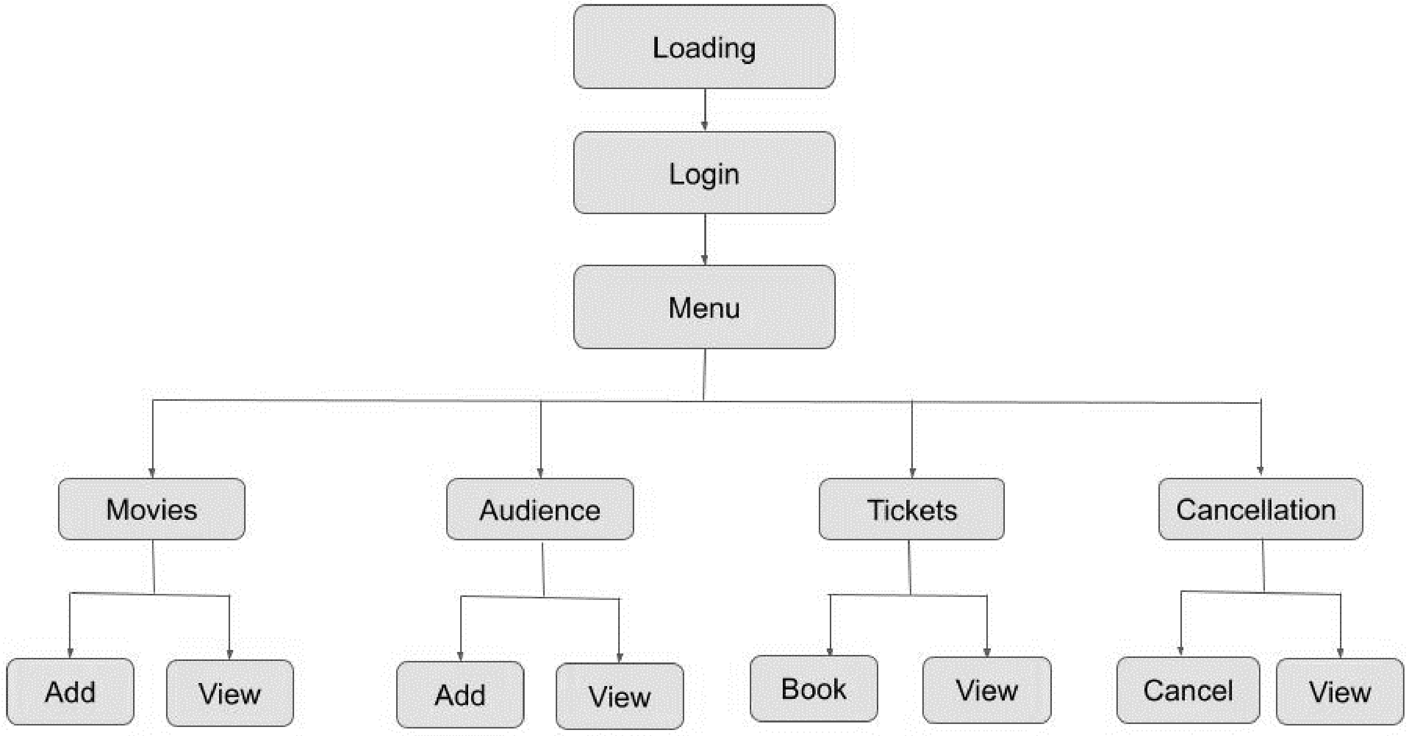
Introduction:

For thousands of people outing to the cinema is definitely the best way to spend leisure-time, meet with friends or have fun with family. Today there is a wide range of cinemas, movies and film shows for any taste and budget. To enjoy your outing, you have to find the film you want then find the cinema that's showing it, check the times, buy the tickets. Agree, it takes a lot of time and efforts. And here comes our Cinema Management System.

Working:

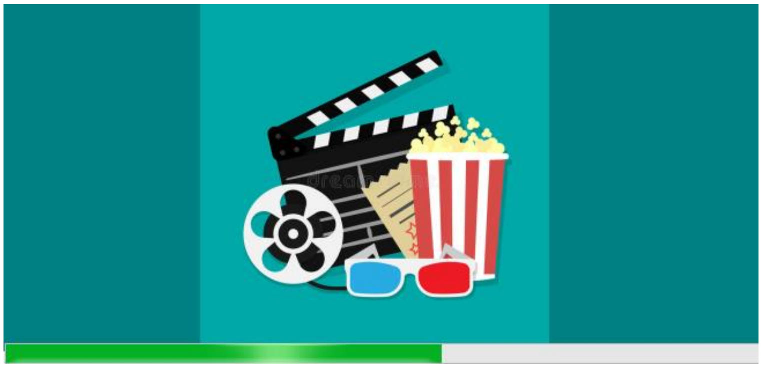
We are used SQL Server with C# to create our project. The desktop application starts to run when the **Loading** page appears on the screen. Once it is loaded, **Login** page is displayed where the user adds the username and password to login into the application. If wrong username or password is entered, the user is informed via message box. Next, the **Menu** page is shown, giving the user four options: **movies**, **audience**, **ticket**, and **cancellation**. The user can then proceed accordingly.

Flowchart:



Output:

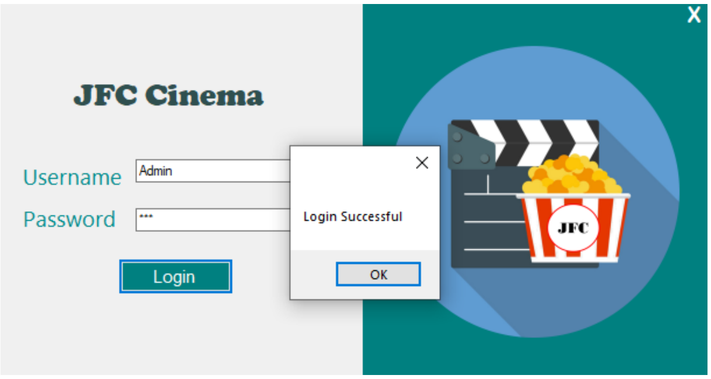
1. **Loading Page:**



2. **Login Page:**

(i) Login Successful:

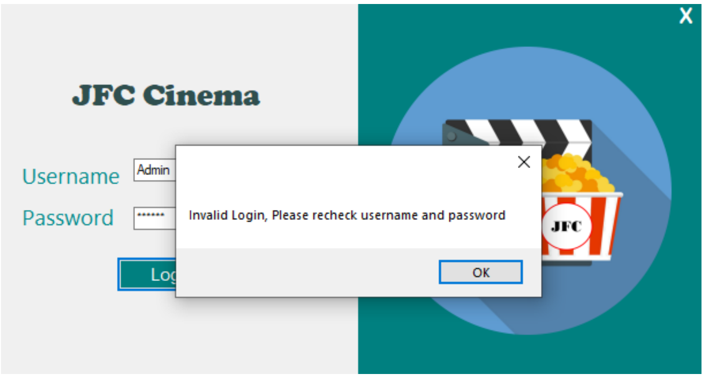
(ii) Login Unsuccessful:



Username Admin

Password ***

Login Successful



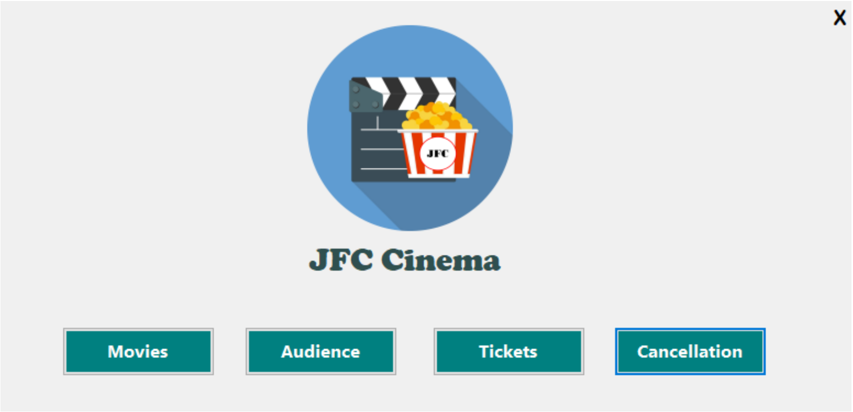
Username Admin

Password ******

Invalid Login, Please recheck username and password

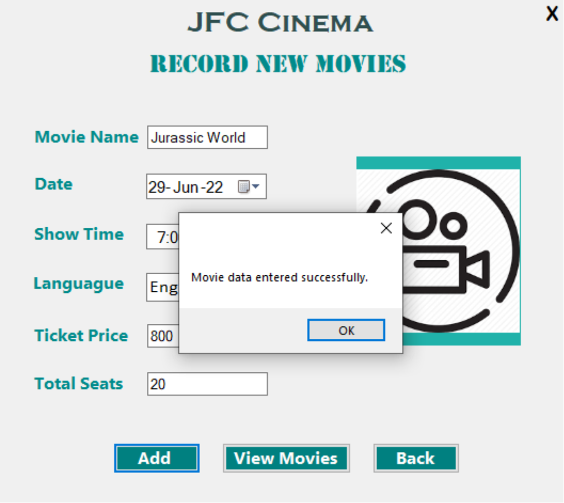
3. **Menu:**

Here the user is given four options to select which page to open and proceed with.



4. Movies

(i) Add Movies:



JFC CINEMA

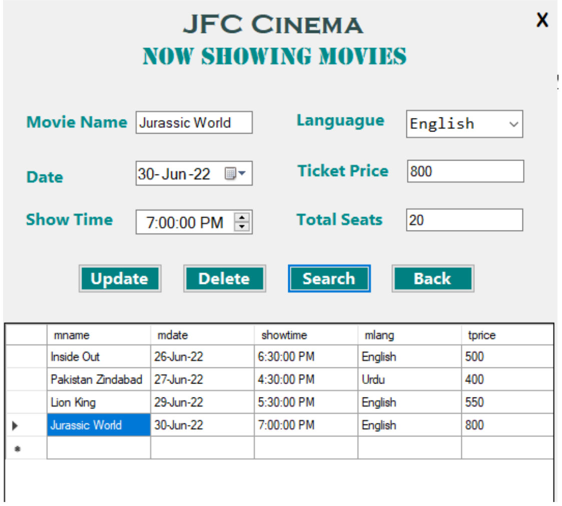
RECORD NEW MOVIES

Movie Name	Jurassic World
Date	29-Jun-22
Show Time	7:0
Languague	Eng
Ticket Price	800
Total Seats	20

Movie data entered successfully.

OK

(ii) View Movies:



JFC CINEMA

NOW SHOWING MOVIES

Movie Name	Jurassic World	Languague	English
Date	30-Jun-22	Ticket Price	800
Show Time	7:00:00 PM	Total Seats	20

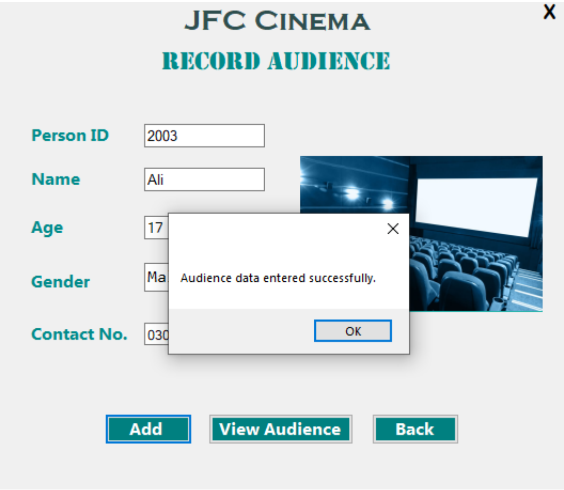
mname	mdate	showtime	mlang	tprice
Inside Out	26-Jun-22	6:30:00 PM	English	500
Pakistan Zindabad	27-Jun-22	4:30:00 PM	Urdu	400
Lion King	29-Jun-22	5:30:00 PM	English	550
Jurassic World	30-Jun-22	7:00:00 PM	English	800

Once the user selects movies from the menu, *record new movies* page is opened. The user will then add the details of the movie: name, date, showtime, language, ticket price and seats. Next, click the *Add* button and a message will be shown; *movie data entered successfully*. Now the user can view movies by clicking on the *view movies* button.

In the next page *now showing movies* will be visible in the table below as we have linked it with the SQL Server database so the user can easily see the data that is being entered. Here the user is given three options: *update delete* and *search*. The user can enter the movie name and then search, it will fetch the data of the movie where the user can edit them and update accordingly.

5. Audience

(i) Add Movies:



JFC CINEMA

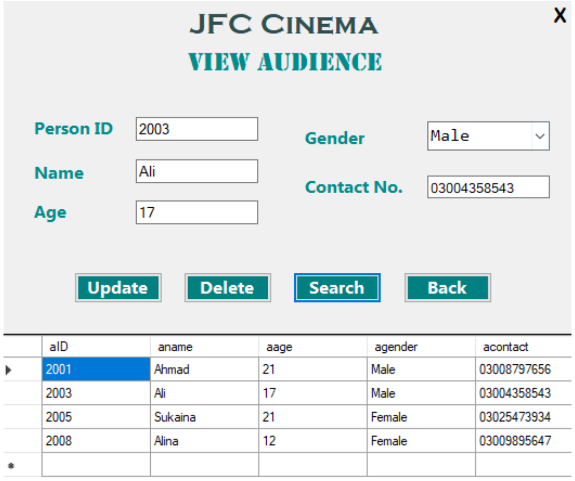
RECORD AUDIENCE

Person ID	2003
Name	Ali
Age	17
Gender	Ma
Contact No.	030

Audience data entered successfully.

OK

(ii) View Movies:



JFC CINEMA

VIEW AUDIENCE

Person ID	2003	Gender	Male
Name	Ali	Contact No.	03004358543
Age	17		

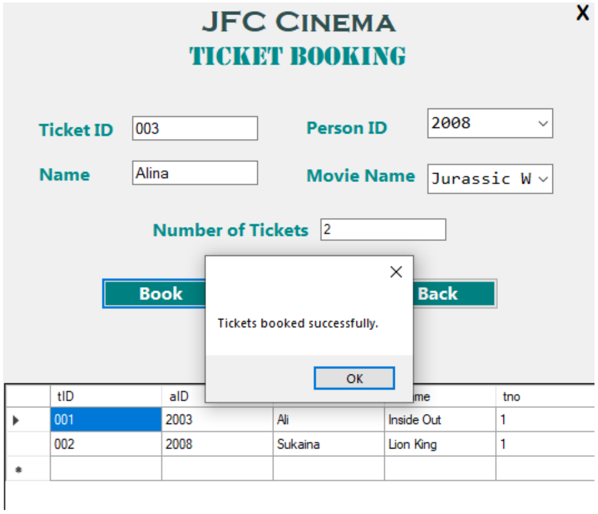
aID	aname	aage	agender	acontact
2001	Ahmad	21	Male	03008797656
2003	Ali	17	Male	03004358543
2005	Sukaina	21	Female	03025473934
2008	Alina	12	Female	03009895647

When the user selects audience from the menu, *record audience* page is opened. The user will then add the details: *person ID*, name, age, gender, and *contact number*. Next, click the *Add* button and a message will be shown; *audience data entered successfully*. Now the user can view audience by clicking on the *view audience* button.

View audience will be visible in the table below as we have linked it with the SQL Server database so the user can easily see the data that is being entered. Here the user is given three options: *update delete* and *search*. The user can enter the *person ID* and then search, it will fetch the data of the person where the user can edit and update accordingly.

6. Tickets

(i) Tickets booked successfully



Ticket ID 003

Person ID 2008

Name Alina

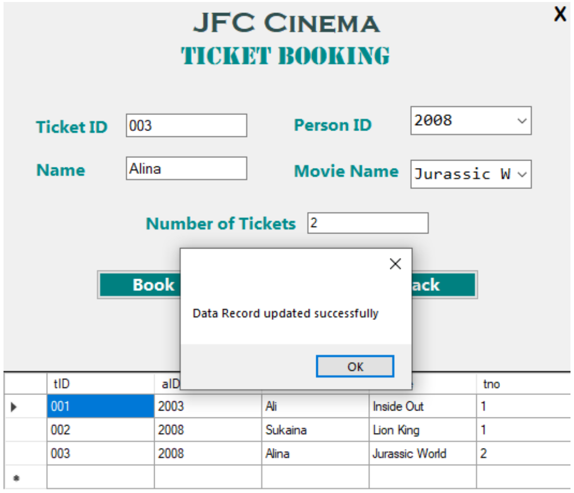
Movie Name Jurassic W

Number of Tickets 2

Tickets booked successfully.

	tID	aID		me	tno
▸	001	2003	Ali	Inside Out	1
	002	2008	Sukaina	Lion King	1
*					

(ii) Data record updated successfully



Ticket ID 003

Person ID 2008

Name Alina

Movie Name Jurassic W

Number of Tickets 2

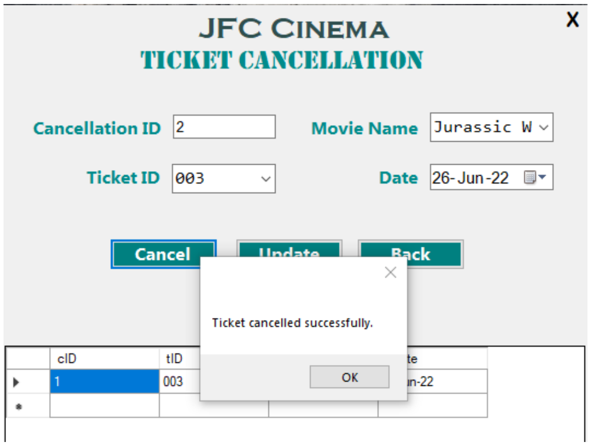
Data Record updated successfully

	tID	aID			tno
▸	001	2003	Ali	Inside Out	1
	002	2008	Sukaina	Lion King	1
	003	2008	Alina	Jurassic World	2
*					

When the user selects *Tickets* from the menu, *ticket booking* page is opened. The user will then add the information: ticket ID, person ID, name, movie name and number of tickets to be booked. *Book* button will be clicked to add the details and the *update* button to update the database.

7. Cancelation

(i) Tickets cancelled successfully



Cancellation ID 2

Movie Name Jurassic W

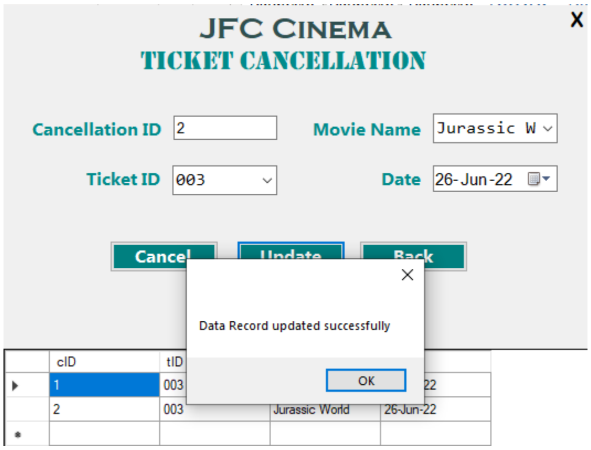
Ticket ID 003

Date 26-Jun-22

Ticket cancelled successfully.

	cID	tID		te
▸	1	003		n-22
*				

(ii) Data record updated successfully



Cancellation ID 2

Movie Name Jurassic W

Ticket ID 003

Date 26-Jun-22

Data Record updated successfully

	cID	tID		
▸	1	003		22
	2	003	Jurassic World	26-Jun-22
*				

When the user selects *Cancellation* from the menu, *ticket cancellation* page is opened. The user will then add the information: cancellation ID, ticket ID, movie name and date. *Cancel* button will be clicked to add the details in *cancellation table* and the *update* button to update the database.

Thank you