CSE370 : Database Systems
Project Report
Project Title : Concert Ticket Management

Group No : 05, CSE370 Lab Section : 15, Spring 2024		
ID	**Name**	**Contribution**
22141026	Adnan Al Sayeed Sihab	My Profile, Admin
22101862	Trisheeta Jahan Azad	Homepage, About us, Forgot Password
22301636	Nishat Annan Mim	Login, Signup
22101897	Mehedi Hassan Alif	Purchase Tickets, Payment
20201060	Sabiha Salam Ayesha	Concert Management

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Introduction

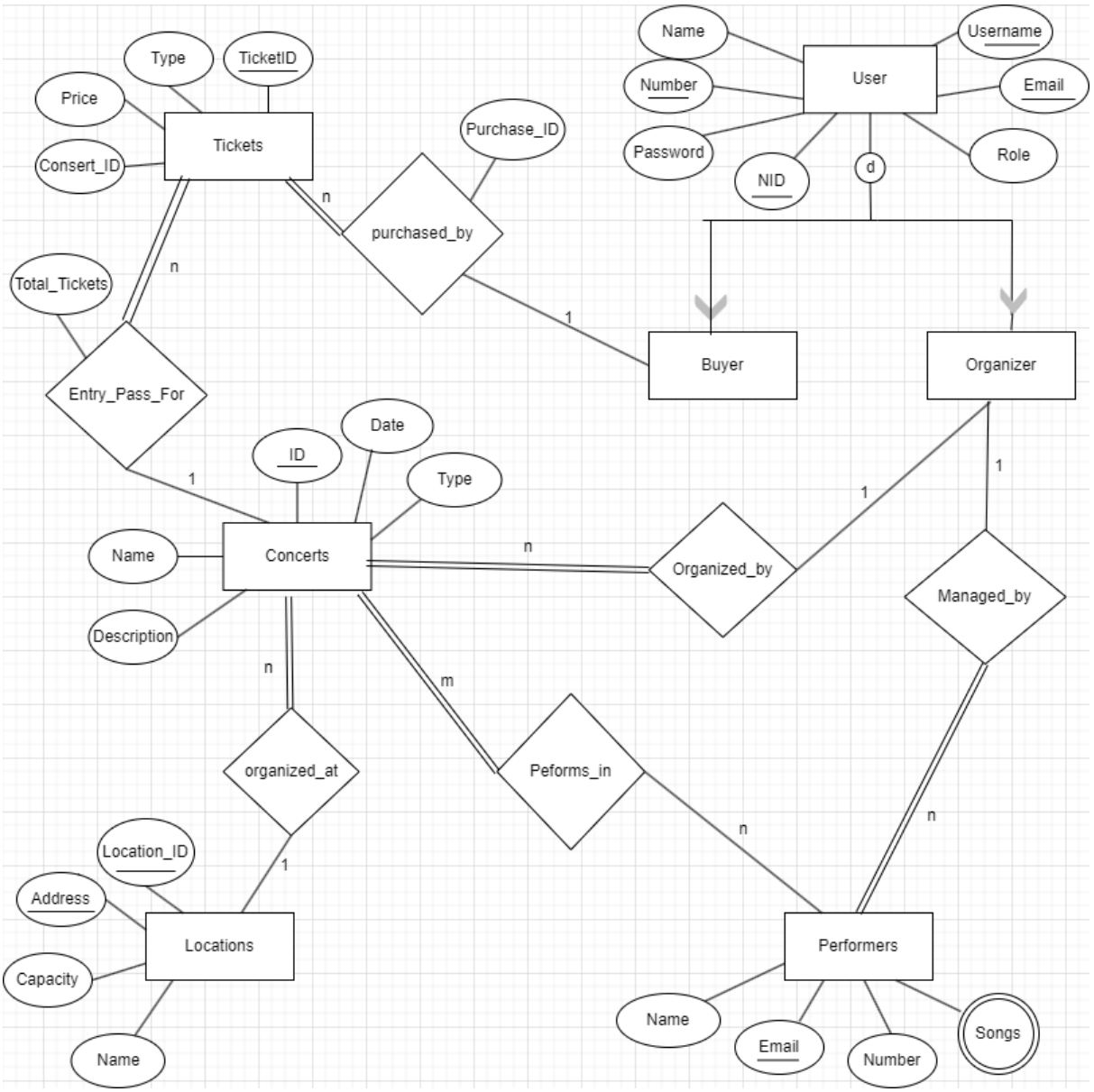
Welcome to LetsChill! This is a website where you can buy tickets and keep track for all the upcoming concerts.

This website features a way to buy concert tickets, information about many music acts, and details about upcoming concerts. To develop the website, we used HTML, CSS, PHP, and Javascript. Mysql is used to create the database.

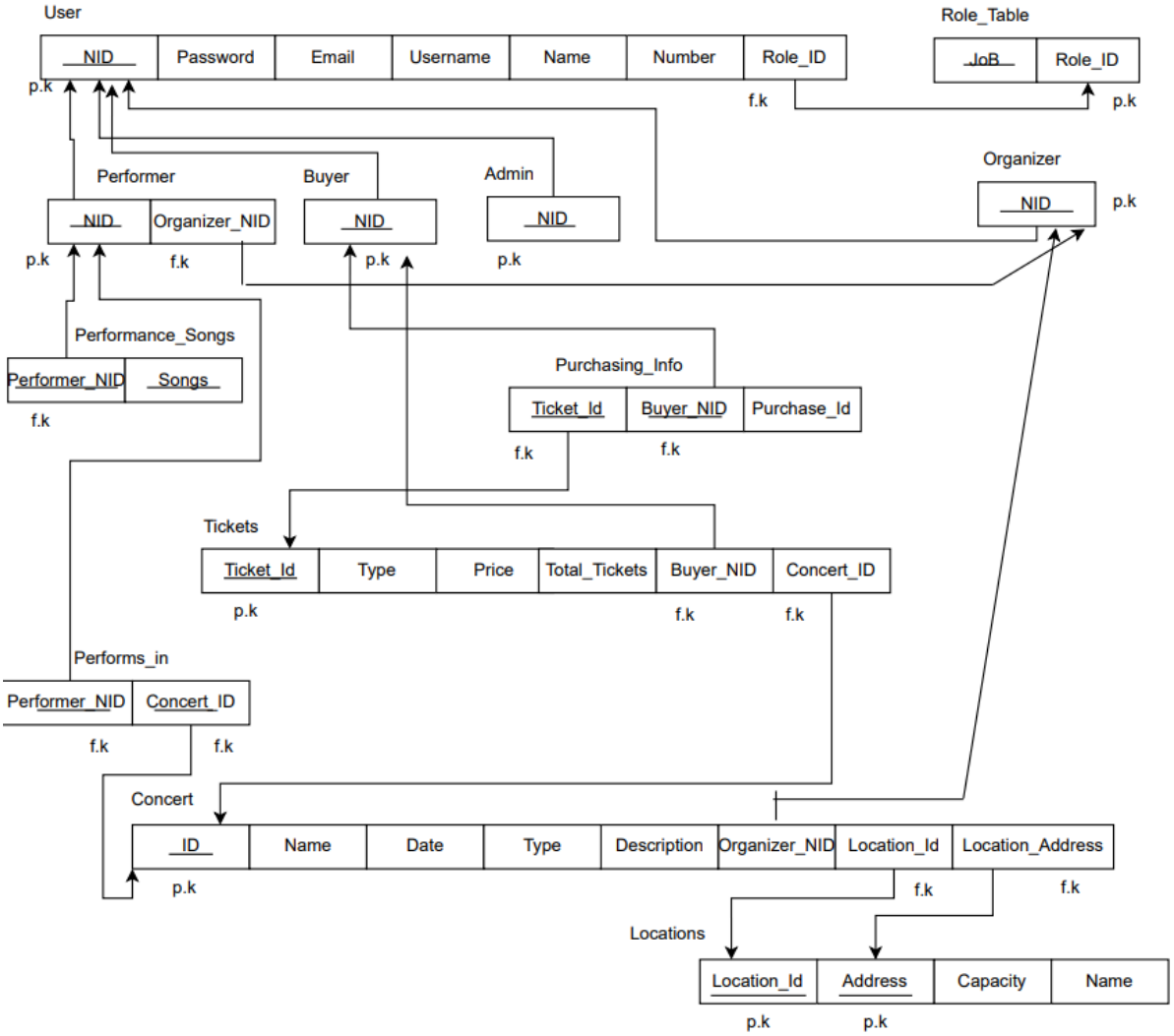
Project Features

1. Sign-up
2. Log-in
3. Forget Password
4. My Profile Page
5. Concert Page
6. Ticket purchase Page
7. Payment

ER/EER Diagram



Schema Diagram

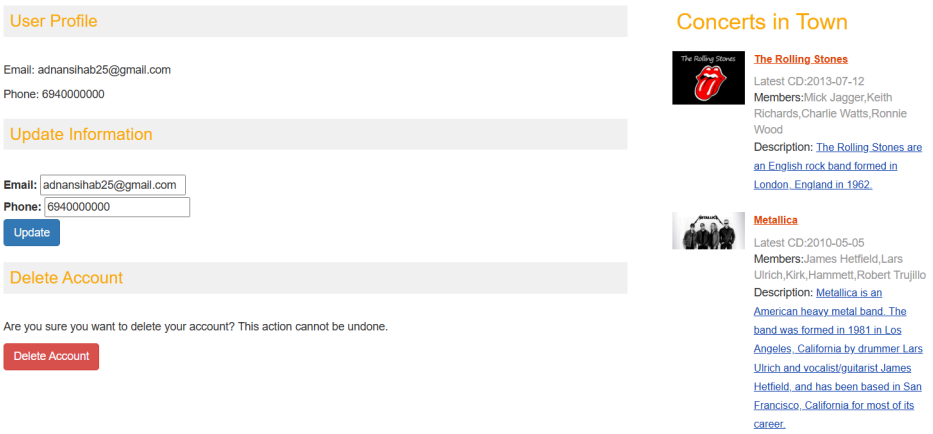


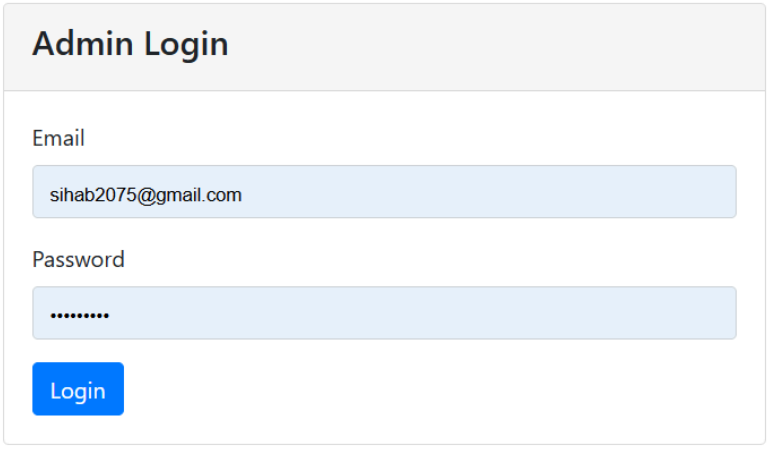
Frontend Development

Briefly discuss about Frontend Development and add Screenshots by mentioning Individual Contributions

Contribution of ID : 22141026, Name : Adnan Al Sayeed Sihab

1. Implemented full layout profile page for Users- (Profile page with email and phone **showing**, **updating** information, can **delete** his record.)
2. Implemented full layout profile page for Admin - (Profile page with email and phone **showing**, **updating** information, can **delete** his record. And can **add / remove** concerts & performers.)





Admin Profile

Name: Adnan

Email: sihab2075@gmail.com

Phone: 1234567890

Manage Concerts

Manage Concerts

Add Concert

Concert Name: Black

Cast: Tahsan, Jon Kabir

Image URL: https://i.ytimg.com/vi/z3Yw-r

Add Concert

Remove Concert

Concert ID: Metallica

Remove Concert

Prepaid Details

Total Amount	Last Update
Tk 360.00	2024-04-27 19:24:49

Update your prepaid

Give the amount: *(Allows only digits.)

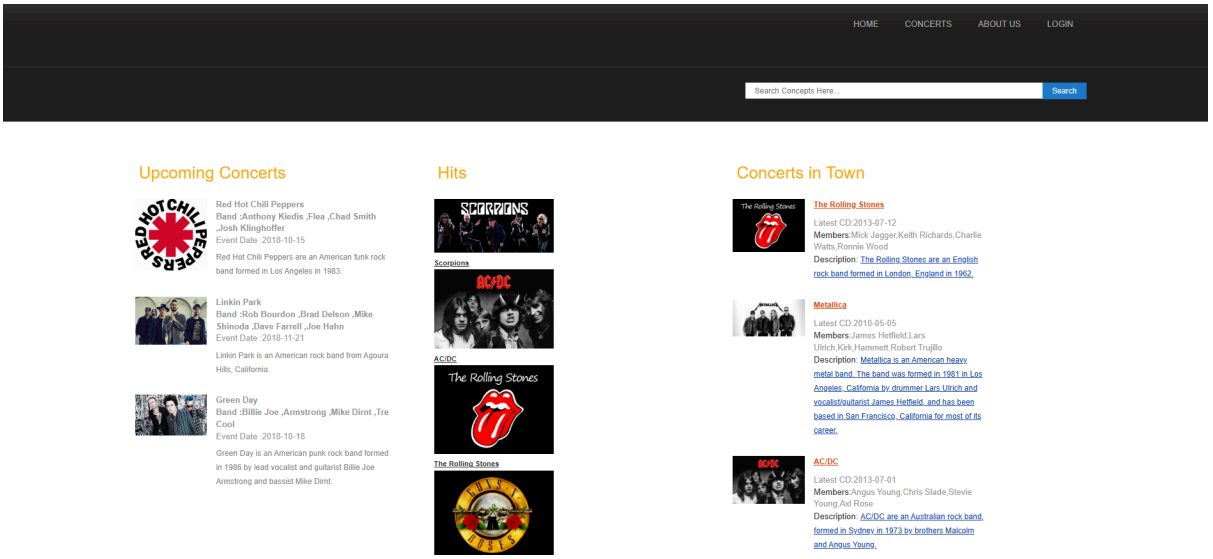
Update your card

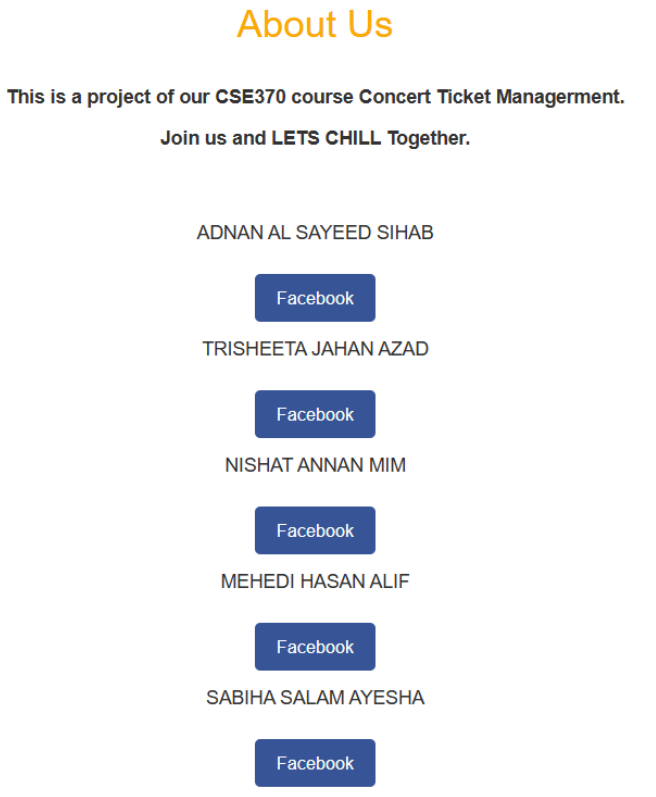
Bookings

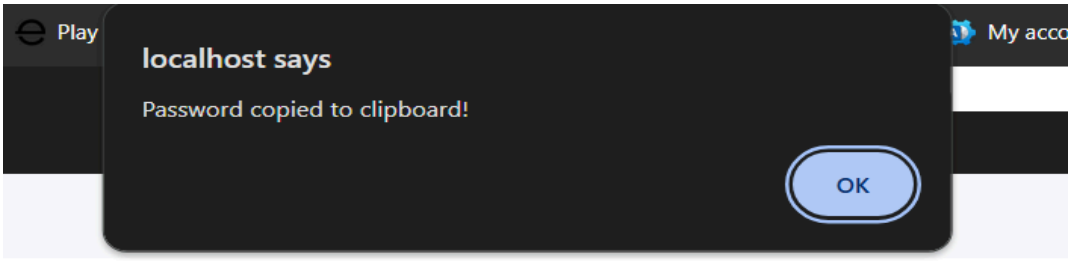
Ticket ID	Band	Stadium	Tier	Show	Seats	Amount
TICKID8683189	AC/DC	Karaiskakis stadium	3	Rock	2	Tk 150

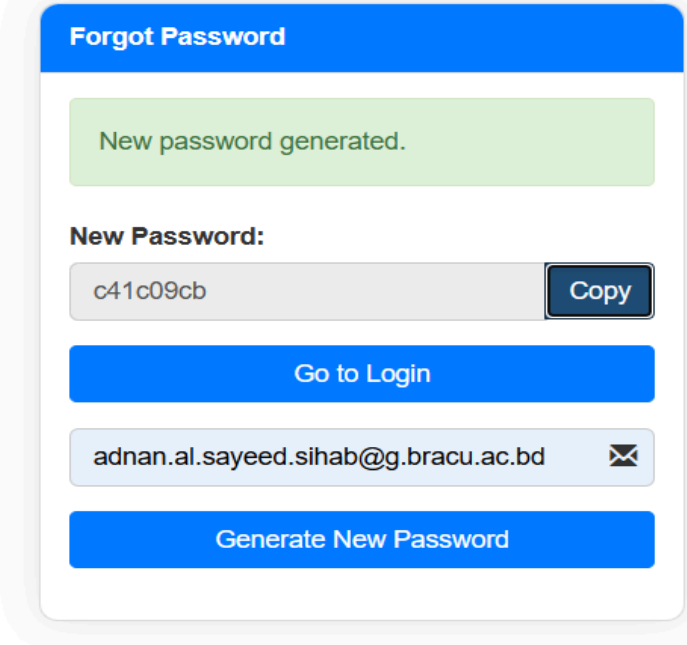
Contribution of ID : 22101862, Name : Trisheeta Jahan Azad

1. Implemented a home page where users can check all events and info about participants.
2. Implemented a forget password option where all users can reset their password if they lose their password and it will automatically generate a password for them and they can copy it for later.



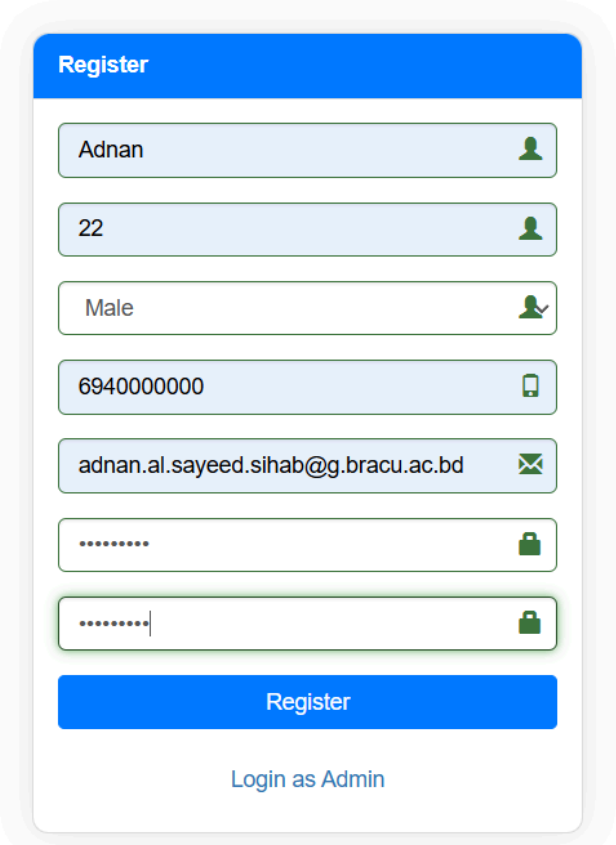


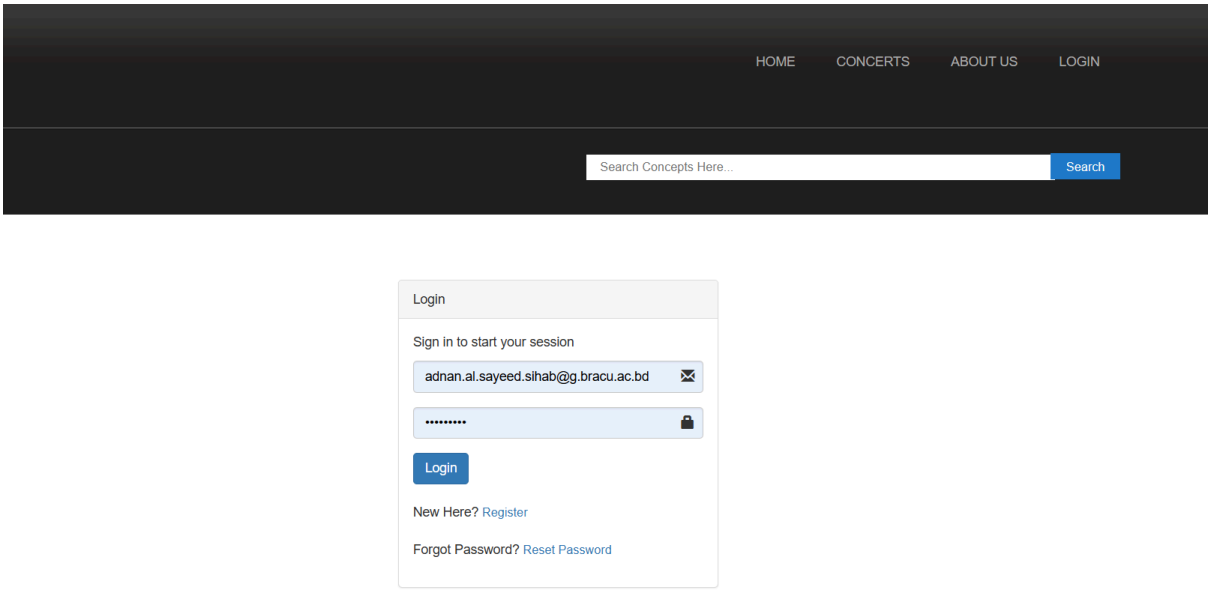

Play
localhost says
Password copied to clipboard!
OK
My acco


Forgot Password
New password generated.
New Password:
c41c09cb
Copy
Go to Login
adnan.al.sayeed.sihab@g.bracu.ac.bd
Generate New Password

Contribution of ID : 22301636, Name : Nishat Annan Mim

1. Implemented a registration page where all users can register for visiting the website. Here we collect some necessary information of users in the database.
2. Also a login page where all users can login to visit the website after registration.




HOME
CONCERTS
ABOUT US
LOGIN
Search Concepts Here...
Search
Login
Sign in to start your session
adnan.al.sayeed.sihab@g.bracu.ac.bd
Login
New Here? Register
Forgot Password? Reset Password

Contribution of ID : 22101897, Name : Mehedi Hassan Alif

1. Implemented a page for purchase tickets where users can purchase tickets for their desired events.
2. Then implemented a payment option where users can make payment of tickets after purchasing.

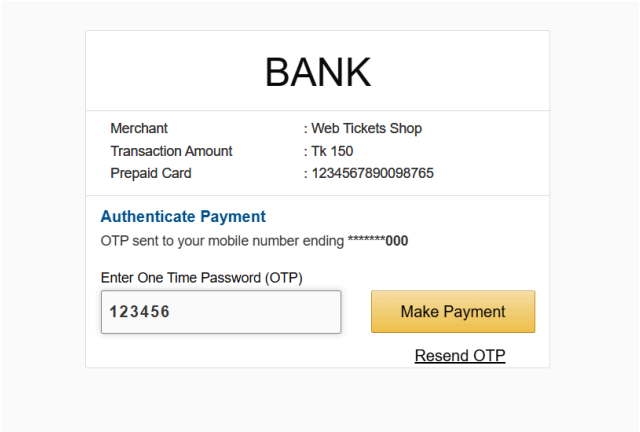
Members : Angus Young,Chris Slade,Stevie Young,Axl Rose

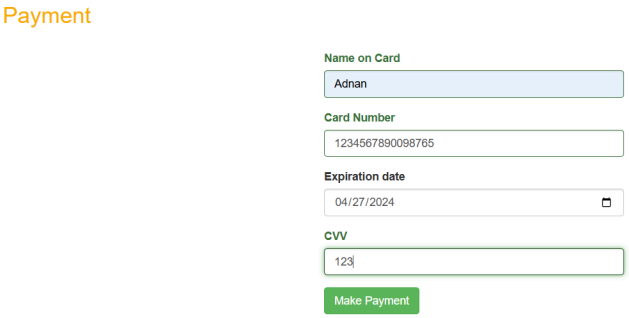
Latest CD : 01-Jul-2013

AC/DC are an Australian rock band, formed in Sydney in 1973 by brothers Malcolm and Angus Young.

Stadium	Karaiskakis stadium, Neon Faliro
Tier	3
Date	2018-07-06
Show Time	06:00 PM
Number of Seats	1
Amount	**Tk 75**

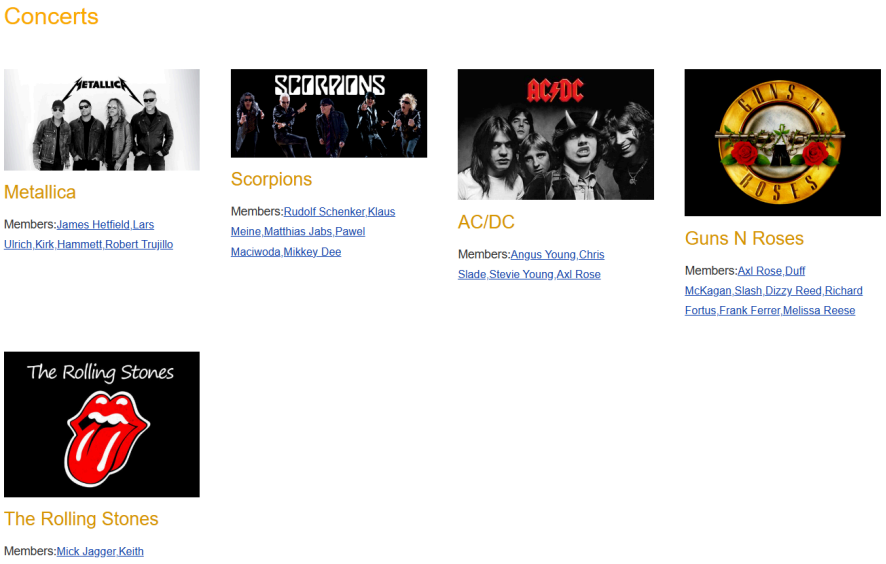
Book Now

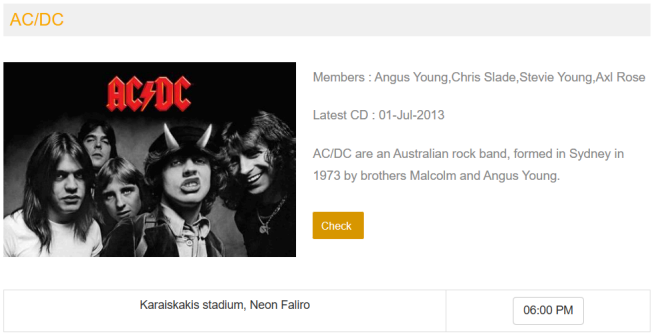

BANK
Merchant : Web Tickets Shop
Transaction Amount : Tk 150
Prepaid Card : 1234567890098765
Authenticate Payment
OTP sent to your mobile number ending *******000
Enter One Time Password (OTP)
123456
Make Payment
Resend OTP

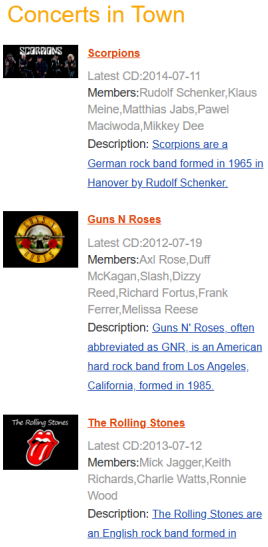

Payment
Name on Card
Adnan
Card Number
1234567890098765
Expiration date
04/27/2024
CVV
123
Make Payment

Contribution of ID :20201060, Name : Sabiha Salam Ayesha

1. Implemented a page for concerts which will show all the concerts in one page. Organizers can add or remove concerts and performers for future events. The concert page consists of bands that have members' names in it, their title and a youtube link for their performance.





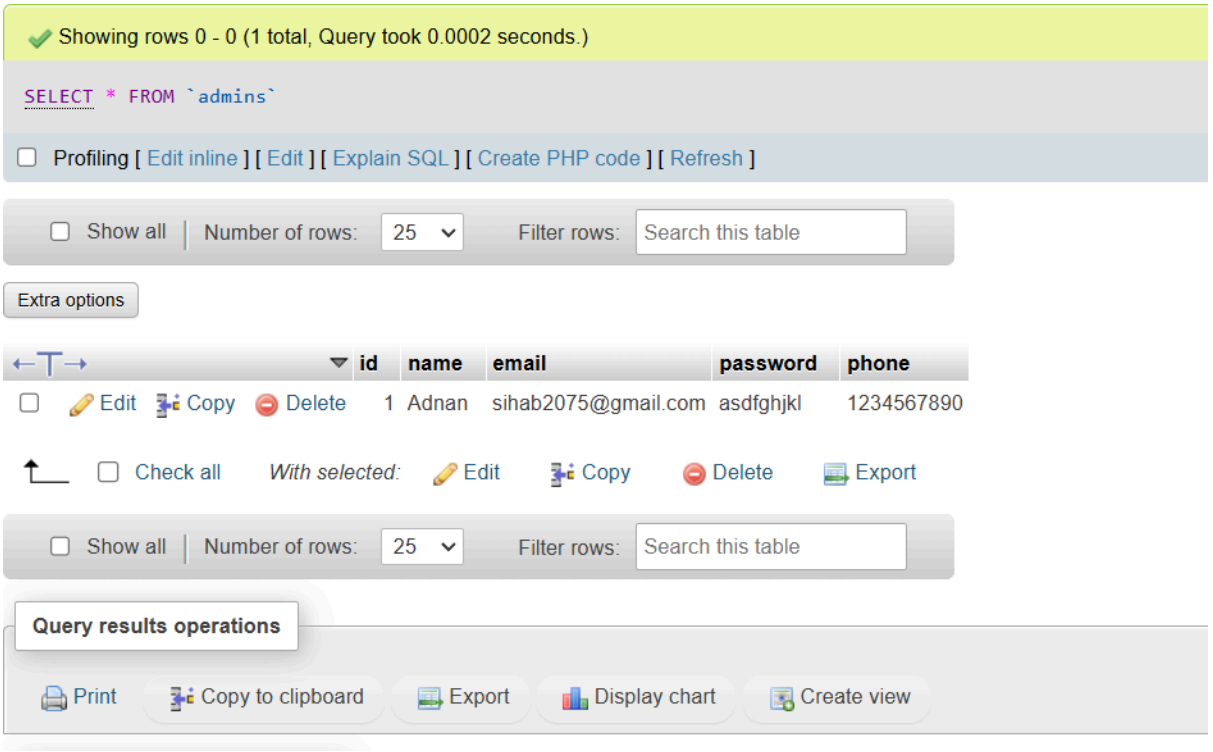


Backend Development

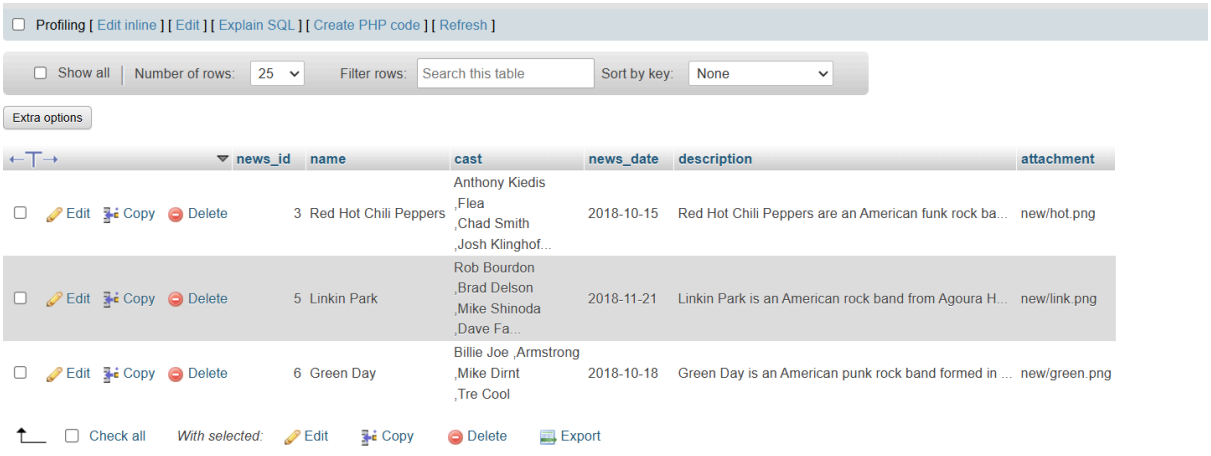
Briefly discuss about Backend Development and add Screenshots by mentioning Individual Contributions

Contribution of ID : 22141026, Name : Adnan Al Sayeed Sihab

1. Implementing Admin table and linking it with concert table, performers table successfully to the backend codes so that admin can update info about the concert and its management.

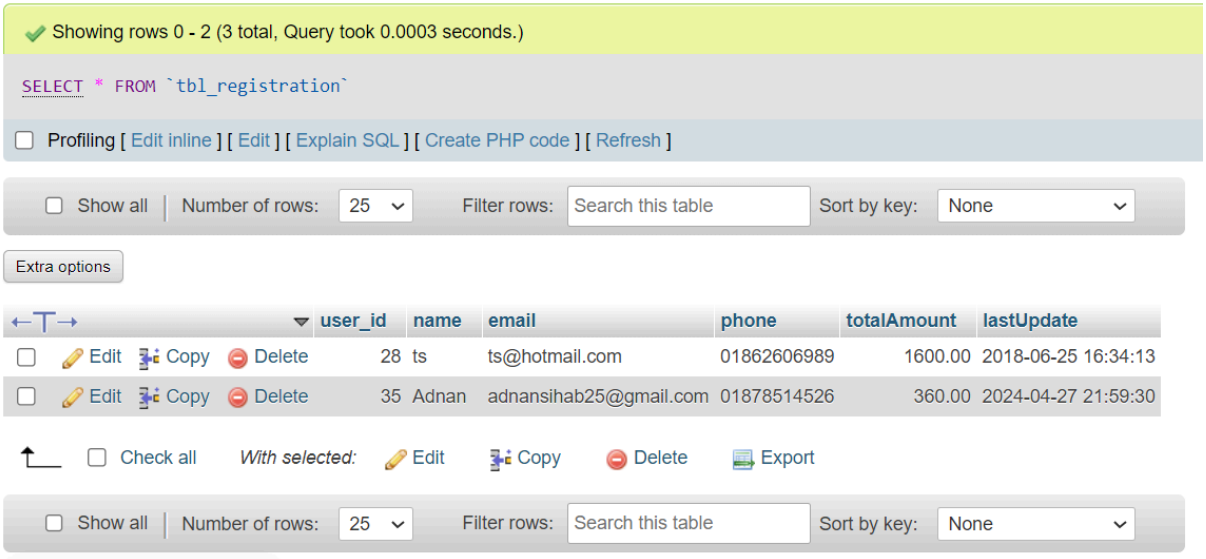


2. Implemented a news table to store news or announcements related to concerts, bands, or other relevant events. Keeping the users informed about upcoming concerts, new album releases, tour schedules by connecting it with the user dashboard.



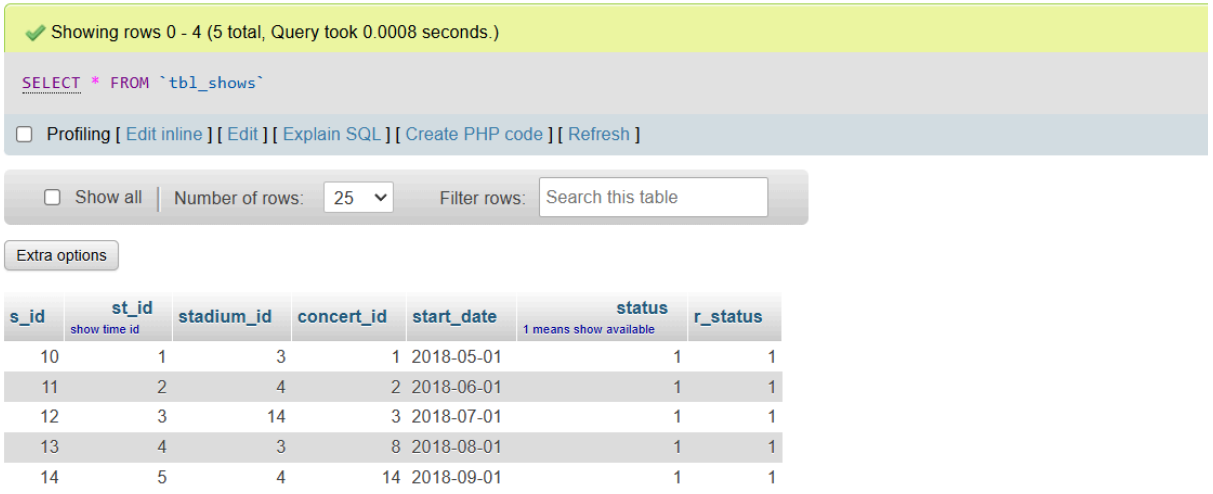
Contribution of ID : 22101862, Name : Trisheeta Jahan Azad

1. Implementing Registration/Login table where users data can be stored, They can sign up and login to purchase tickets. Here the table is connected to a show table, booking table, concert table to inform users about ongoing and upcoming concerts.



Contribution of ID : 22301636, Name : Nishat Annan Mim

1. Implemented a show table to store information about the scheduled concert shows and connect it to the user dashboard. Each row is a specific show of a concert at a particular stadium.



Showing rows 0 - 4 (5 total, Query took 0.0008 seconds.)

```
SELECT * FROM `tbl_shows`
```

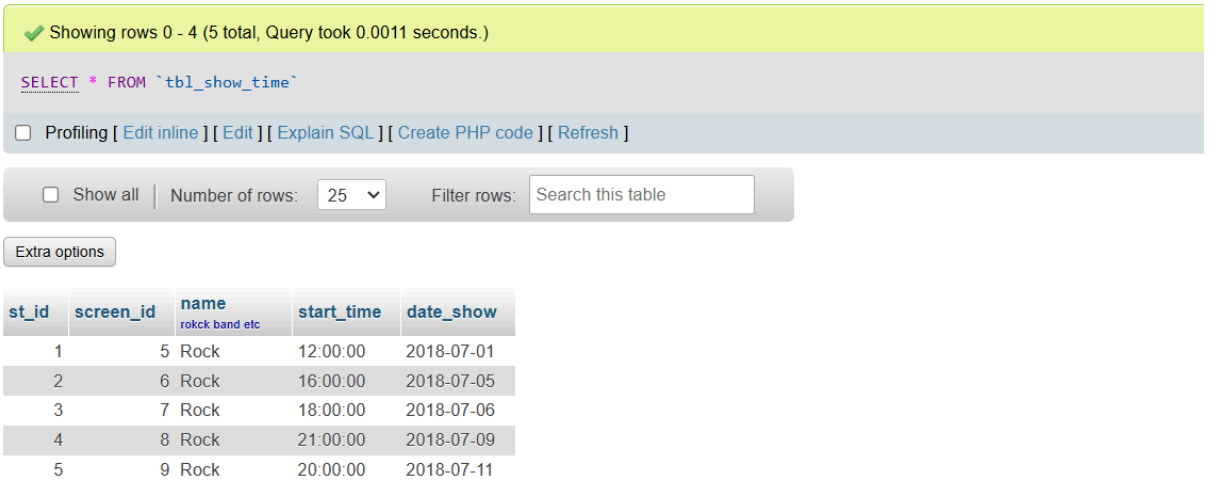
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table

Extra options

s_id	st_id (show time id)	stadium_id	concert_id	start_date	status (1 means show available)	r_status
10	1	3	1	2018-05-01	1	1
11	2	4	2	2018-06-01	1	1
12	3	14	3	2018-07-01	1	1
13	4	3	8	2018-08-01	1	1
14	5	4	14	2018-09-01	1	1

2. Implementing a Show Time Database to store information about the show timings for different concerts/shows and connecting it to the user dashboard.



Showing rows 0 - 4 (5 total, Query took 0.0011 seconds.)

```
SELECT * FROM `tbl_show_time`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

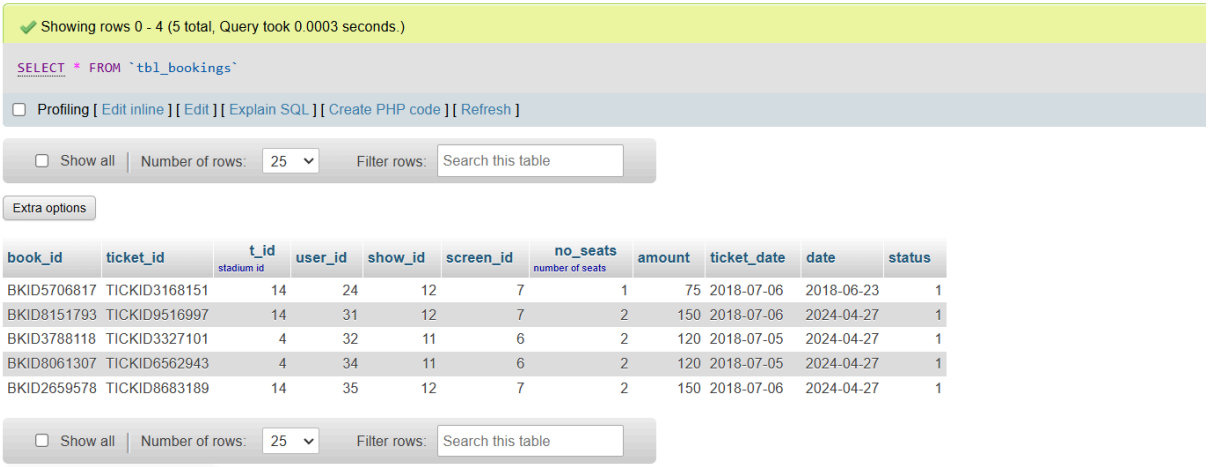
Show all | Number of rows: 25 Filter rows: Search this table

Extra options

st_id	screen_id	name (rokck band etc)	start_time	date_show
1	5	Rock	12:00:00	2018-07-01
2	6	Rock	16:00:00	2018-07-05
3	7	Rock	18:00:00	2018-07-06
4	8	Rock	21:00:00	2018-07-09
5	9	Rock	20:00:00	2018-07-11

Contribution of ID : 22101897, Name : Mehedi Hassan Alif

1. Implemented a booking table that stores info about total booked or purchased tickets.



Showing rows 0 - 4 (5 total, Query took 0.0003 seconds.)

```
SELECT * FROM `tbl_bookings`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table

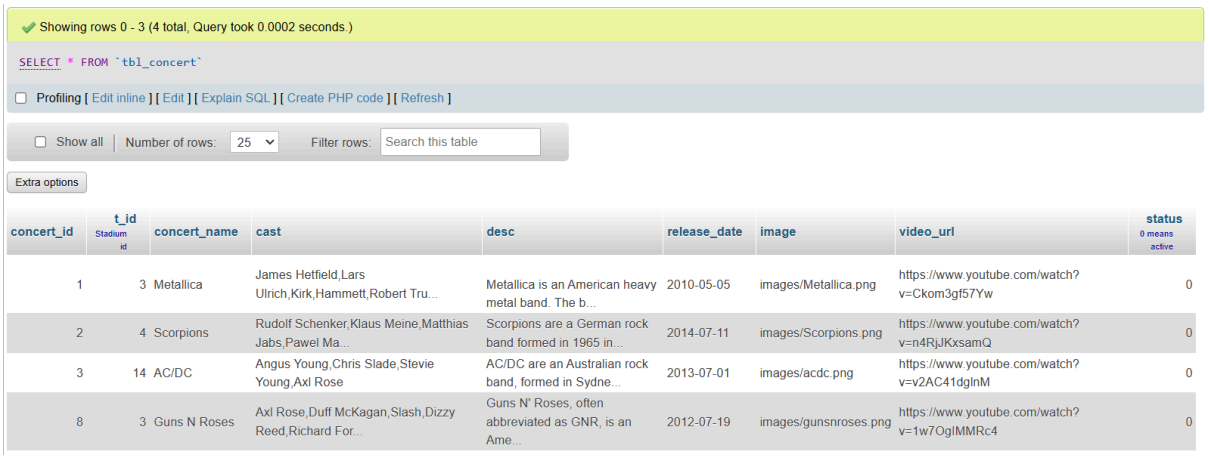
Extra options

book_id	ticket_id	t_id (stadium id)	user_id	show_id	screen_id	no_seats (number of seats)	amount	ticket_date	date	status
BKID5706817	TICKID3168151	14	24	12	7	1	75	2018-07-06	2018-06-23	1
BKID8151793	TICKID9516997	14	31	12	7	2	150	2018-07-06	2024-04-27	1
BKID3788118	TICKID3327101	4	32	11	6	2	120	2018-07-05	2024-04-27	1
BKID8061307	TICKID6562943	4	34	11	6	2	120	2018-07-05	2024-04-27	1
BKID2659578	TICKID8683189	14	35	12	7	2	150	2018-07-06	2024-04-27	1

Show all | Number of rows: 25 Filter rows: Search this table

Contribution of ID :20201060, Name : Sabiha Salam Ayesha

1. Implementing a concert table where concerts are added or removed including updates of bands/performers.



Showing rows 0 - 3 (4 total, Query took 0.0002 seconds.)

```
SELECT * FROM `tbl_concert`
```

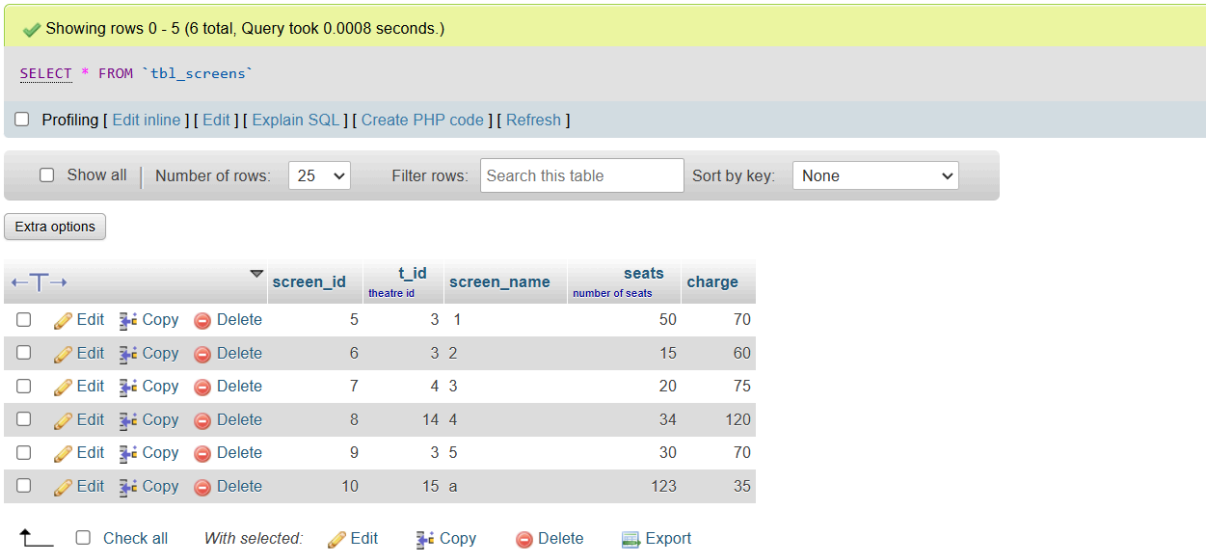
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table

Extra options

concert_id	t_id (Stadium id)	concert_name	cast	desc	release_date	image	video_url	status (0 means active)
1	3	Metallica	James Hetfield,Lars Ulrich,Kirk,Hammett,Robert Tru...	Metallica is an American heavy metal band. The b...	2010-05-05	images/Metallica.png	https://www.youtube.com/watch?v=Ckom3gf57Yw	0
2	4	Scorpions	Rudolf Schenker,Klaus Meine,Matthias Jabs,Pawel Ma...	Scorpions are a German rock band formed in 1965 in...	2014-07-11	images/Scorpions.png	https://www.youtube.com/watch?v=n4RjJKxsamQ	0
3	14	AC/DC	Angus Young,Chris Slade,Stevie Young,Axl Rose	AC/DC are an Australian rock band, formed in Sydne...	2013-07-01	images/acdc.png	https://www.youtube.com/watch?v=v2AC41dglnM	0
8	3	Guns N Roses	Axl Rose,Duff McKagan,Slash,Dizzy Reed,Richard For...	Guns N' Roses, often abbreviated as GNR, is an Ame...	2012-07-19	images/gunsnroses.png	https://www.youtube.com/watch?v=1w7OgIMMRc4	0

2. Implemented a screen table that stores information about the screens/tiers available in different stadiums. Each row is a screen/tier in a particular stadium.



Showing rows 0 - 5 (6 total, Query took 0.0008 seconds.)

```
SELECT * FROM `tbl_screens`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

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

Extra options

	screen_id	t_id (theatre id)	screen_name	seats (number of seats)	charge
Edit Copy Delete	5	3	1	50	70
Edit Copy Delete	6	3	2	15	60
Edit Copy Delete	7	4	3	20	75
Edit Copy Delete	8	14	4	34	120
Edit Copy Delete	9	3	5	30	70
Edit Copy Delete	10	15	a	123	35

Check all With selected: Edit Copy Delete Export

Source Code Repository

Upload source code to GitHub or Google Drive and share a publicly accessible link in this section of the report.

GITHUB:
https://github.com/AdnanSihab/LetsChill_CSE370_Project

GOOGLE DRIVE:
https://drive.google.com/drive/folders/1PVz8ktNbycA3cwelwDeTLAzLQsYmmZ64?usp=sharing

Conclusion

In summary, the concert ticket management initiative presents a comprehensive solution for smooth ticket purchasing, distribution, and event participation. By simplifying ticketing procedures, enhancing user satisfaction, and integrating robust security measures, the project aims to deliver a stress-free and enjoyable event experience for both organizers and attendees. Through its intuitive interface, real-time updates, and effective communication channels, the platform not only contributes to concert success but also fosters a strong sense of community among music enthusiasts. Additionally, our coursework of CSE370 both theory and lab helped us to gain real world experience and we had the opportunity to acquire new skills such as utilizing HTML, CSS, PHP, JAVASCRIPT and MySQL. As technology advances, this project serves as evidence of its positive impact in just a few weeks.

References

1. https://www.youtube.com/watch?v=lBfshkPlMW8&list=PLzzYtJMBTYCeQLDAUJKIhHN8TB8KGsDES

2. https://www.youtube.com/watch?v=fTs3deU7n10&list=PLzzYtJMBTYCeQLDAUJKIhHN8TB8KGsDES&index=3

3. https://www.youtube.com/watch?v=kffivnAYUAY&list=PLzzYtJMBTYCeQLDAUJKIhHN8TB8KGsDES&index=6

4. https://www.youtube.com/watch?v=VXC6LbWMjuI&list=PLzzYtJMBTYCeQLDAUJKIhHN8TB8KGsDES&index=13