



# StarStruck Ticket Event Management System

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VELASCO





01

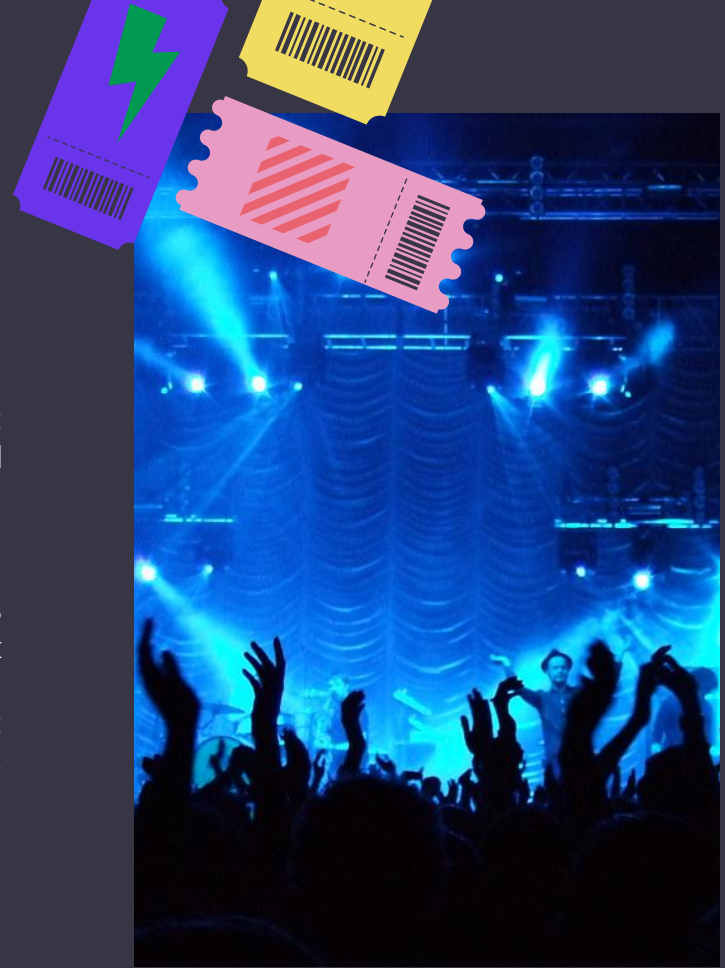
# Introduction





# Background of the Study

In today's dynamic world, where events serve as vibrant hubs for connection, entertainment, and cultural exchange, the ability to seamlessly secure tickets and participate in these experiences is paramount. However, the current ticketing landscape often presents a frustrating and convoluted maze, riddled with obstacles that hinder the enjoyment of these events. StarStruck Ticket: Event Management System (EMS) emerges as a beacon of hope, aiming to revolutionize the event management process, transforming it into a smooth, efficient, and worry-free journey for both event organizers and attendees.



# Problem Statement



## Limited Availability

Popular events often sell out quickly, leaving many people disappointed.



## Unreliable Platforms

Existing ticketing platforms can be unreliable, leading to problems with registration, payment, and ticket delivery.



## Fraudulent Activities

Counterfeit tickets and other fraudulent activities can pose risks to ticket buyers.





# System Impact



## Increasing the availability of tickets

The system will make it easier for people to find and purchase tickets for events that they are interested in.



## Improving the user experience

The system will be user-friendly and easy to use.



## Reducing the risk of fraud

The system will use security measures to prevent counterfeit tickets and other fraudulent activities.



## Providing data insights

The system will provide event organizers with valuable data insights that they can use to improve their events.





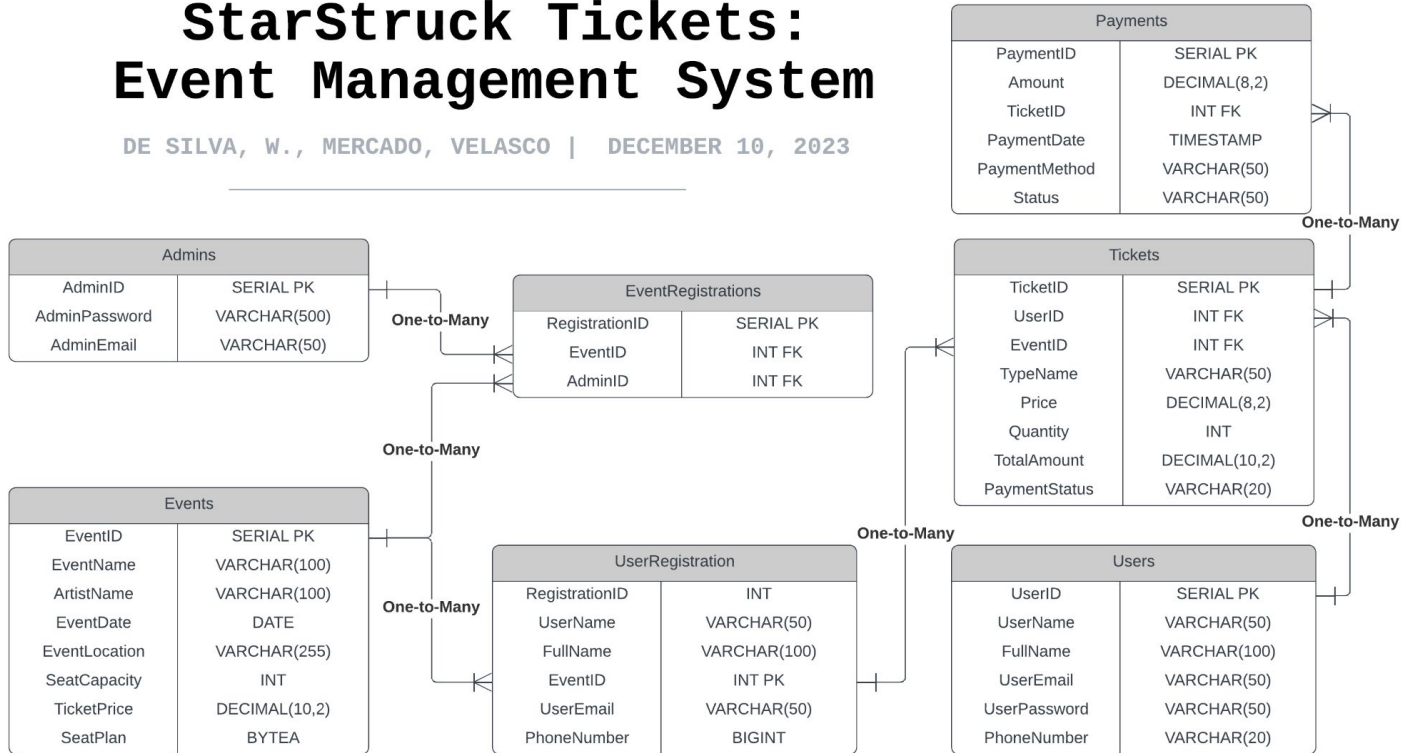
02

# ENTITY RELATIONSHIP DIAGRAM



# StarStruck Tickets: Event Management System

DE SILVA, W., MERCADO, VELASCO | DECEMBER 10, 2023





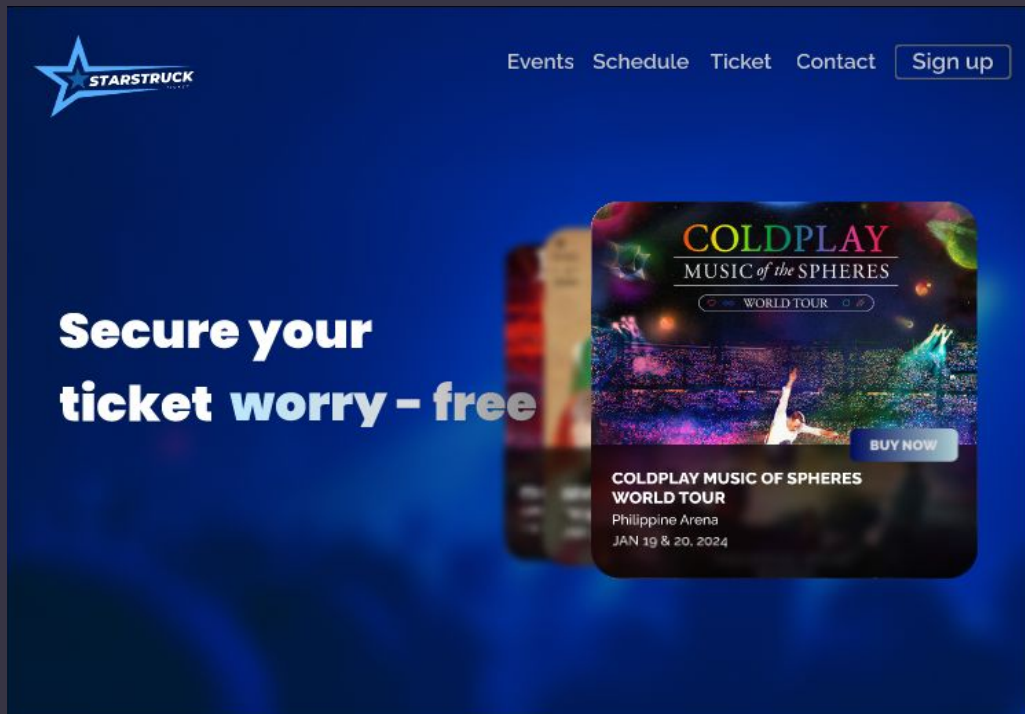
03

# QUERIES





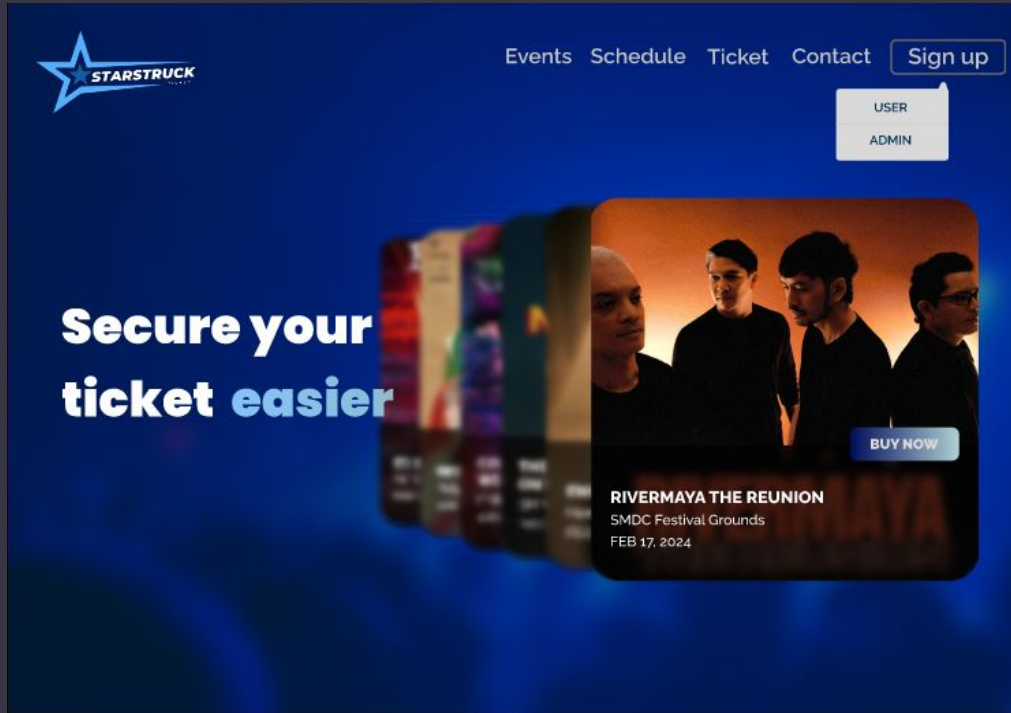
# Home Page



Welcome to the StarStruck Tickets home page! Here, you can see the tour schedule, buy tickets, contact the organizers, and sign up for the latest news.




# Home Page






Here you can sign up as a user or as an admin.


# Sign In as User





**Sign in to your account**

or Sign in with your email id

 Email Address

 Password 

[Forgot Password?](#)

**Sign In**

**Welcome Back!**  
Please Sign up in to your account with the given details to continue

New here? Create a new account


**Sign Up**

## Login Query

```
SELECT
  UserID,
  Username,
  FullName,
  UserEmail
FROM
  Users
WHERE
  Username = 'johnlee' AND
  UserPassword = 'john_password';
```

The "Sign-In as User" interface, existing users can log in using their email and password. Additionally, the platform offers alternative login options, such as signing in with Apple, Facebook, or Google accounts, providing users with convenient and secure access.

# Sign Up as User






**Hello there!**  
Please provide the information to register your account


Already have an account? Sign In


**Sign In**


**Register a new account**



  


or register with your email id

 Full name

 User name

 Email Address

 Password 

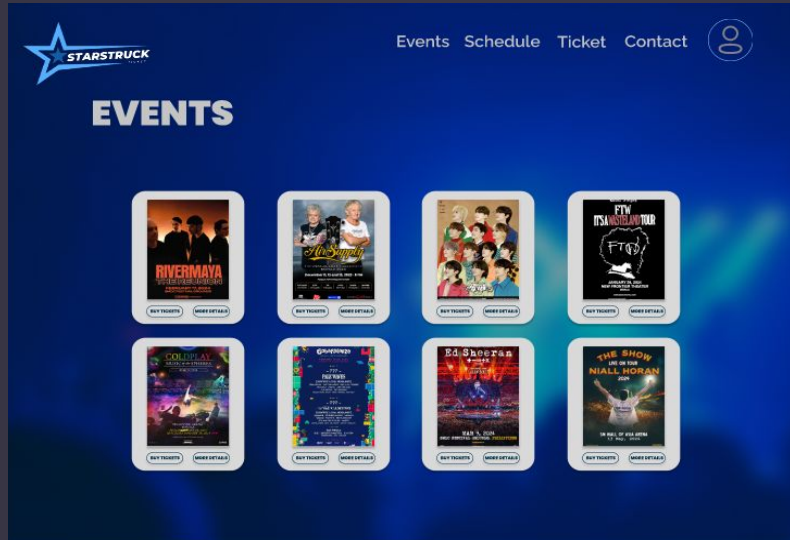
 Phone Number

**Sign Up**

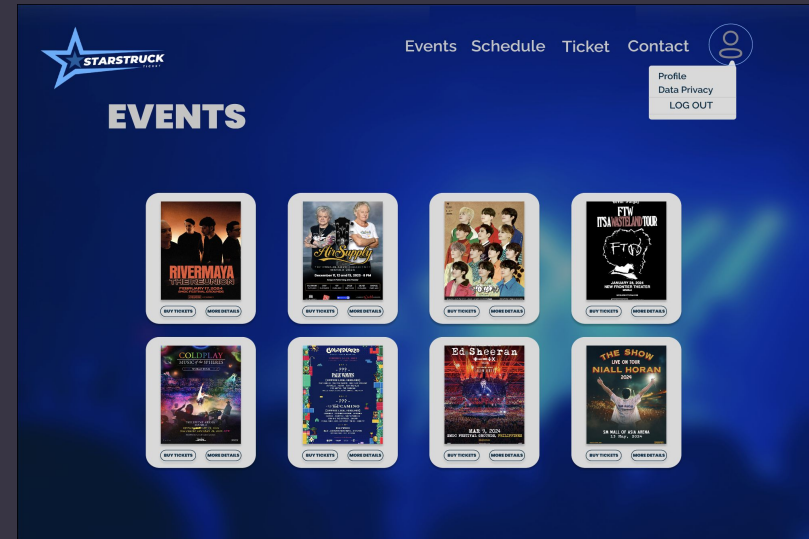
The "Sign-Up as User" interface, new users can input their information, including full name, username, email address, phone number, and password.



# Event Interface



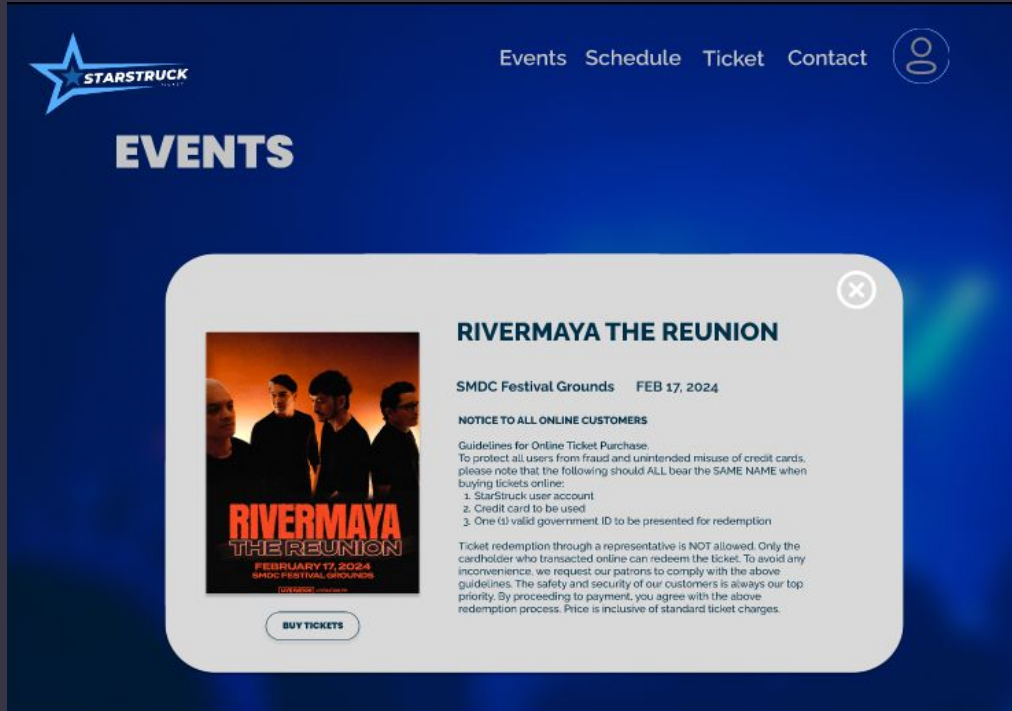
The event interface is an online platform showcasing upcoming concerts. It features a poster with essential details like the artist, date, time, and venue. Users can click "Buy Now" for ticket purchase or "More Details" for additional event information.



**Event Query**

```
SELECT
  EventName,      -- Event name
  EventLocation,  -- Event location
  EventDate       -- Event date
FROM
  Events
WHERE
  EventDate >= CURRENT_DATE;
```

# "More Details" Interface



## "More Details" Query

```
SELECT
    EventName,
    EventLocation,
    EventDate,
    SeatPlan
FROM
    Events
WHERE
    EventName = 'RIVERMAYA
    THE REUNION';
```

The "More Details" interface, users can access comprehensive information and guidelines about the concert. Additionally, a "Buy Now" button is available for a convenient transition to the ticket purchasing process.



# "Buy Now" Interface

The screenshot shows a website for the 'RIVERMAYA THE REUNION' event. The header includes the 'STARSTRUCK' logo, navigation links for 'Events', 'Schedule', 'Ticket', and 'Contact', and a user profile icon. The event details are: 'RIVERMAYA THE REUNION' at 'SMDC Festival Grounds' on 'FEB 17, 2024 8:00 PM'. Below this, there are two sections: 'SEAT PLAN' and 'TICKETS'. The 'SEAT PLAN' shows a diagram of the venue with color-coded seating areas: Gold, Silver, and Bronze. The 'TICKETS' section is a table with columns for Location, Price, Quantity, and a 'BUY TICKETS' button for each row.

Location	Price	Quantity	BUY TICKETS
VIP STANDING	P14,750.00	000	BUY TICKETS
GOLD STANDING	P11,750.00	000	BUY TICKETS
SILVER STANDING	P8,550.00	000	BUY TICKETS
BRONZE STANDING	P2,550.00	000	BUY TICKETS

## "Buy Now" Query

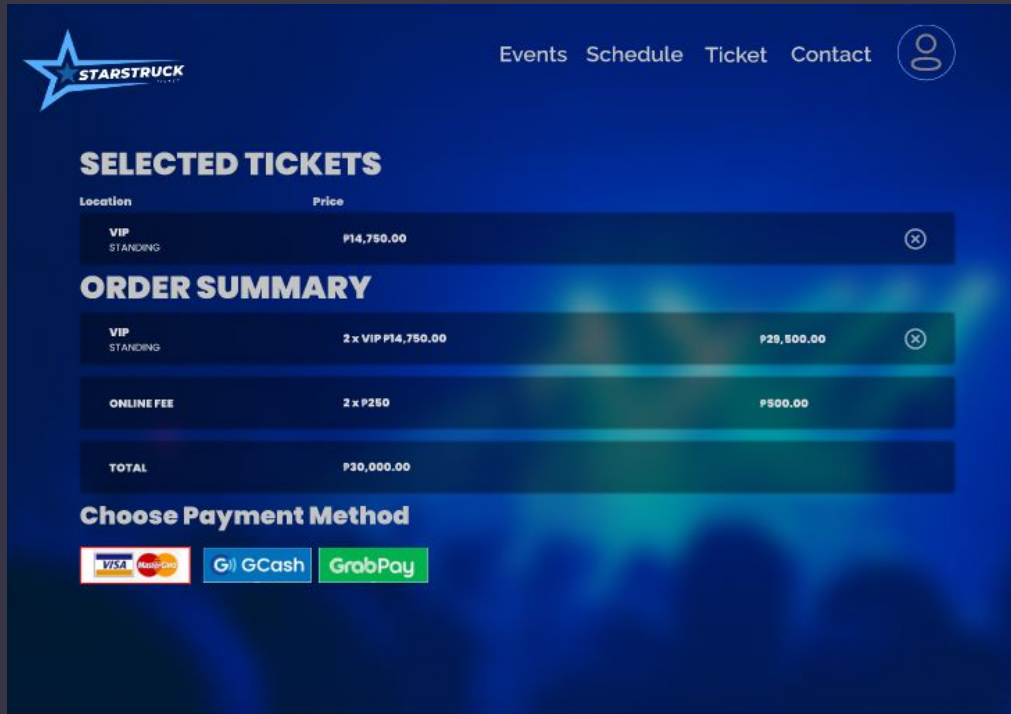
```
SELECT
    E.EventName,
    E.EventLocation,
    E.EventDate,
    E.SeatPlan,
    T.TypeName,
    T.Price,
    T.Quantity
FROM
    Events E
JOIN
    Tickets T ON E.EventID = T.EventID
WHERE
    E.EventName = 'RIVERMAYA THE
    REUNION';
```

The "Buy Now" interface, users can view the seat plan and easily purchase tickets for their desired seats at the upcoming concert.





# Order Summary Interface



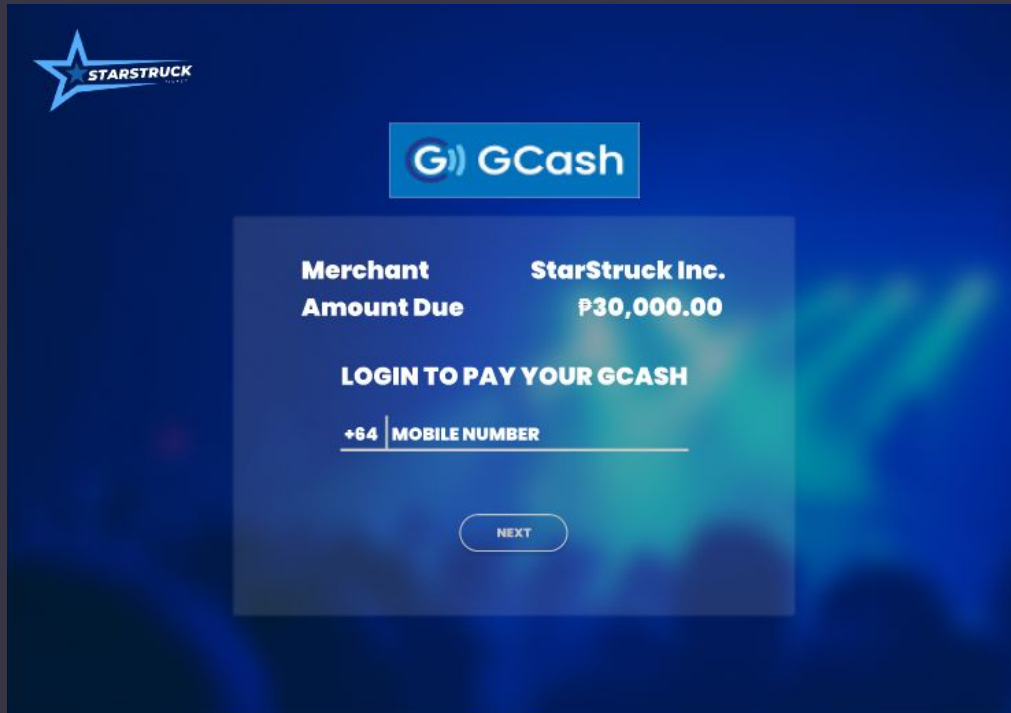
## Summary Query

```
SELECT
    T.TypeName,
    T.Quantity,
    SUM(T.Price * T.Quantity) AS
TotalAmount,
    P.PaymentMethod
FROM
    Tickets T
JOIN
    Users U ON T.UserID = U.UserID
JOIN
    Payments P ON T.TicketID = P.TicketID
WHERE
    U.UserName = 'johnlee'
GROUP BY
    T.TypeName, T.Quantity,
    P.PaymentMethod;
```

The "Order Summary" interface, users can review their selected tickets and view a detailed breakdown of the order, including the ticket price, online fee, and the total cost. Additionally, the mode of payment is presented, providing a comprehensive overview of the transaction before finalizing the purchase.



# Payment Interface



The screenshot shows a payment interface for StarStruck Inc. The background is dark blue with a subtle pattern. At the top left is the StarStruck logo. In the center, there's a white box containing the G-Cash logo. Below the logo, the text 'Merchant StarStruck Inc.' and 'Amount Due P30,000.00' is displayed. Underneath, it says 'LOGIN TO PAY YOUR GCASH'. There is a text input field with a placeholder '+64 | MOBILE NUMBER' and a 'NEXT' button below it.

## Payment Query

```
SELECT
    U.UserName,
    P.Amount AS AmountDue,
    P.PaymentMethod AS ModeOfPayment,
    U.PhoneNumber
FROM
    Users U
    JOIN Tickets T ON U.UserID = T.UserID
    JOIN Payments P ON T.TicketID =
P.TicketID
WHERE
    P.Status = 'Pending';
```

The "Payment" interface, users can input their bank account details based on the chosen payment method.



# Information Query

SELECT

Users.UserName,  
Users.UserEmail,  
Users.PhoneNumber,  
Payments.PaymentMethod AS ModeOfPayment,  
Events.EventName AS EventTitle,  
Events.EventDate AS DateTime,  
Events.EventLocation AS Venue,  
Payments.PaymentDate AS DateTimeTransacted,  
Tickets.Quantity,  
Tickets.TypeName AS SeatType,  
Tickets.TicketID,  
Tickets.Price AS TicketPrice,  
Payments.Amount,  
'Ticket Purchase' AS Particulars

FROM Users

JOIN Tickets ON Users.UserID = Tickets.UserID

JOIN Events ON Tickets.EventID = Events.EventID

JOIN Payments ON Tickets.TicketID = Payments.TicketID;

## Confirmed Interface



**CONFIRMED BOOKING** [HOME](#)

ACCOUNT DETAILS		EVENT DETAILS	
<b>USER NAME</b>	Data Base	<b>EVENT NAME</b>	RIVERMAYA THE REUNION
<b>EMAIL ADDRESS</b>	database@fake.com	<b>DATE / TIME</b>	FEB 17, 2024 8:00 PM
<b>MOBILE NUMBER</b>		<b>VENUE</b>	SMDC Festival Grounds
<b>MODE OF PAYMENT</b>	GCASH	<b>DATE / TIME TRANSACTED</b>	DEC 10, 2023 5:00 pm

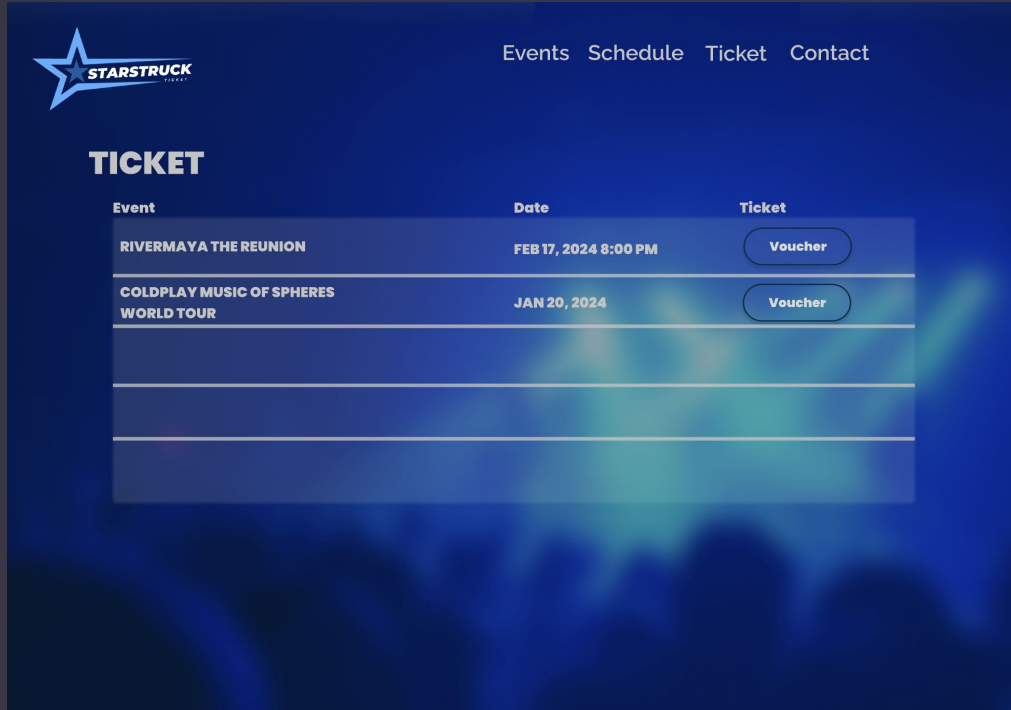
TRANSACTION DETAILS			
<b>QUANTITY</b>	<b>PARTICULARS</b>	<b>PRICE</b>	<b>AMOUNT</b>
2	VIP STANDING	P14,750.00	P29,500.00
2	ONLINE FEE	P250.00	P500.00
<b>GRAND TOTAL</b>			<b>P30,000.00</b>

TICKETS DETAILS			
<b>PRICE CATEGORY</b>	<b>TICKET ID</b>	<b>TICKET PRICE</b>	<b>SEAT TYPE</b>
VIP	12345	P14,750.00	STANDING
VIP	67890	P14,750.00	STANDING

[DOWNLOAD](#)

The "Confirmed" interface, users can review and confirm all pertinent details, including account information, event specifics, transaction details, and, importantly, their ticket details.

# Ticket Interface




## Ticket Query

```
SELECT eventname,  
eventdate FROM Events;
```

The "Ticket" interface, users can access a list of the purchased tickets, displaying essential information such as the event name, dates, and a downloadable voucher.



# Sign in as Admin



Starstruck Ticket

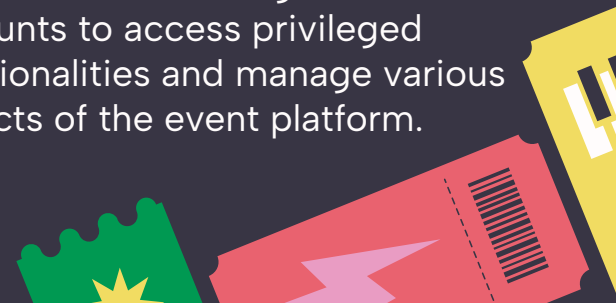
Email Address

Password

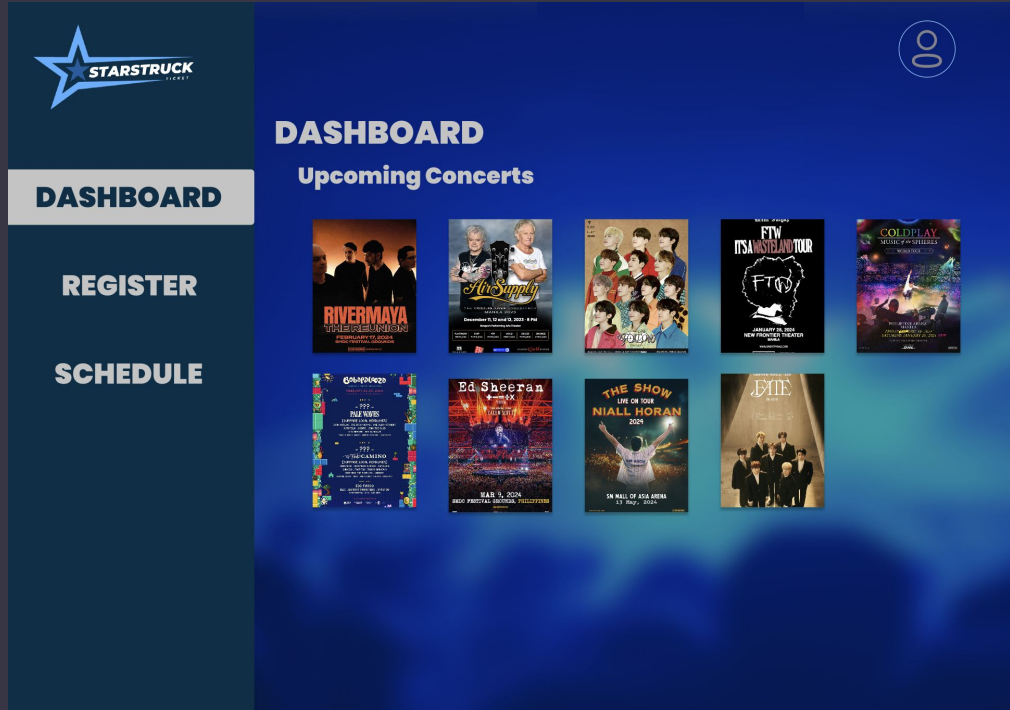
Log In

```
SELECT
  AdminID,
  AdminEmail
FROM
  Admins
WHERE
  AdminEmail =
  'Julienne@StarTruck.com'
  AND AdminPassword =
  'Julienne_password';
```

The "Admin Interface," administrators can log in to their accounts to access privileged functionalities and manage various aspects of the event platform.



# Admin Dashboard Interface




The "Admin Dashboard Interface," administrators have an overview of all upcoming concerts.

## Admin Dashboard Query

```
SELECT
    EventID,
    EventName,
    ArtistName,
    EventDate,
    EventLocation
FROM
    Events
WHERE
    EventDate >
CURRENT_DATE
ORDER BY
    EventDate ASC; --
Optional:
```



# Register Interface



**DASHBOARD**

REGISTER

**SCHEDULE**

REGISTER

EVENT NAME

ARTIST

EVENT DATE

EVENT TIME

LOCATION

HOW MANY SEAT?

PHOTO AND SEAT PLAN

UPLOAD FILE

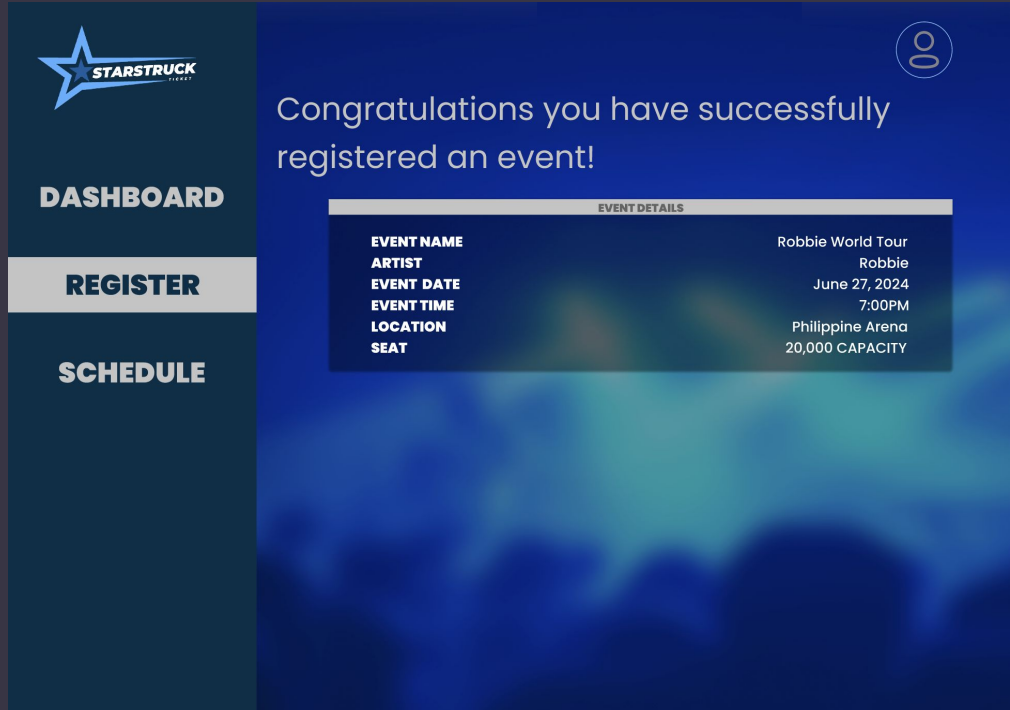
Register

## Register Query

```
INSERT INTO Events (  
    EventID, EventName, ArtistName,  
    EventDate, EventLocation,  
    SeatCapacity,  
    TicketPrice,  
    SeatPlan)  
VALUES  
    (11,'New Event Name', 'New Artist Name',  
    '2023-12-31 18:00:00', 'New Location', 1000, 50.00,  
    NULL);
```

The "Register Interface," administrators can input event details for ticket sales. The interface includes fields for the event name, artist, date, time, location, seat capacity, and allows for the upload of event photos and seat plans. Upon completing the details, administrators can confirm and register the event by clicking the designated button.

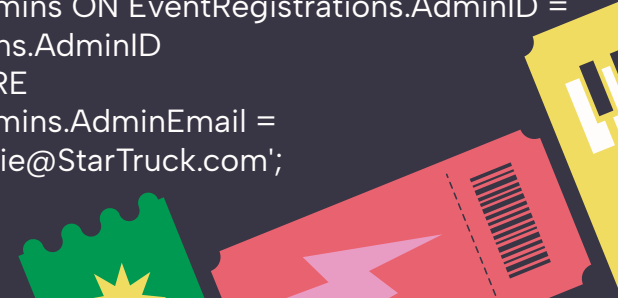
# Registered Interface





The "Registered Interface," administrators are informed that a concert has been successfully registered and all important event details are shown in a simple way.

## Registered Query

```
SELECT
Events.EventID,
Events.EventName,
Events.ArtistName,
Events.EventDate,
Events.EventLocation,
Events.SeatPlan
FROM
Events
JOIN
EventRegistrations ON Events.EventID =
EventRegistrations.EventID
JOIN
Admins ON EventRegistrations.AdminID =
Admins.AdminID
WHERE
Admins.AdminEmail =
'Robbie@StarTruck.com';
```



# Admin's Schedule Interface







## SCHEDULE

**DASHBOARD**

**REGISTER**

**SCHEDULE**

◀ **JANUARY 2024** ▶

SUN	MON	TUE	WED	THU	FRI	SAT
	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			

The "Admin's Schedule Interface," administrators can view a calendar displaying upcoming events scheduled for the month.







# Thanks!

**StarStruck**

**Event Management System**

**MEMBERS:**

**De Silva, Winston**

**Mercado, Angela Julianne**

**Velasco, Roberto Jr.**

