

DAYANANDA SAGAR COLLEGE OF ENGINEERING

COMPUTER SCIENCE & ENGINEERING

Minor Project- Report
Aug-2021-2022

Course Faculty: Prof. Sunanda, Prof. Tajuddin

Course Name & code: DBMS
Laboratory with
Mini Project /
1DS4DLDBL

Semester: 4

Date: 19th August 2022

TITLE OF THE PROJECT	STADIUM SEAT DATABASE MANAGEMENT			
STUDENT NAME	BALKUNDI VISHWAS	BHARATH M	CHETAN S	DAIVIK J S
USN	1DS20CS041	1DS20CS043	1DS20CS049	1DS20CS054
INDIVIDUAL CONTRIBUTION	Back End Coding – SQL Queries	Front End – HTML, CSS and JS	Back End – PHP and SQL	Front End – HTML, CSS and JS
GUIDE	Prof. Sunanda, Prof. Tajuddin, Prof. Anupama, Prof. Akshatha			
PROJECT ABSTRACT	<p>The aim of this project is to create a reliable and easy use of online ticket booking system for use by fans, customers and the management at Multiple cricket stadiums in India. The major goals of the project are to:</p> <p>(a) Create a system which makes it easier for customers to purchase the tickets that they want online.</p> <p>(b) To create a more efficient and modern system for providing entry to the ground on a match day or any other events, which will reduce costs on a match-by-match basis.</p> <p>(c) To provide a fairer system for distributing tickets for away matches.</p> <p>Unfortunately, the formal ticket management system leads to misplacement of fees payment details, and late release of reports and insecurity to records. This research project is equally aimed at computerizing all the ticket booking activities and generating reports for management decision making. In order to achieve this goal, a thorough System Study and investigation is carried out and data was collected and analyzed about the current system using document and data flow diagrams. The concept of report production has been computerized hence, no more delay in report generation to the stadium manager. Errors made on hand held fees collectors are dealt out completely.</p>			

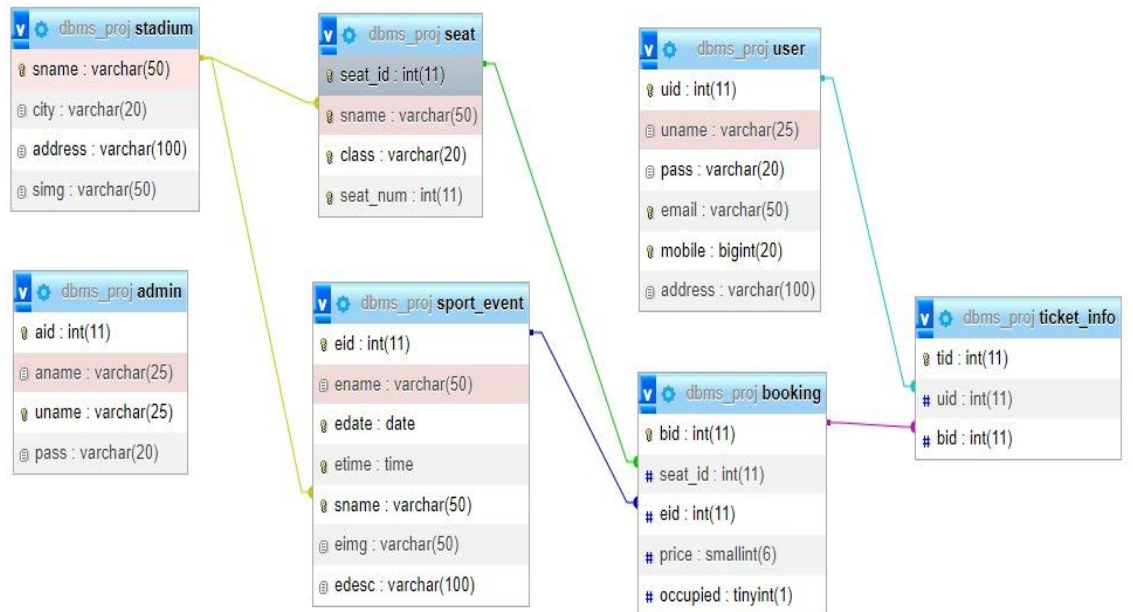
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INTRODUCTION	<p>This project is carried out because there are significant improvements that are to be made to the current ticket booking system which will benefit the stadium management, saving them time and money, as well as the customers and fans, who will find it easier to purchase and use their tickets. The Stadium Management team is responsible for the day-to-day management and running of the stadium. Buying tickets in person is by far the easiest way to purchase tickets, however many fans live outside of the area, or cannot get down to the stadium to purchase tickets in advance due to work. This results in large queues at the ticket office on a match day. To easy ticket booking task, there is need for a web based software system which must be created using well established principles of software engineering and latest technologies that guarantee a high degree of reliability and enhance ways of buying elsewhere, hopefully a larger number of people would buy in advance, easing the congestion.</p> <p>How It Works :</p> <ul style="list-style-type: none">● Website where you can book tickets for Cricket Match.● Users and Admins can login, Users can register.● Users can book any number of seats, cancel tickets and download them.● Admins can add, edit and delete Stadiums, they can also add, edit and cancel matches.

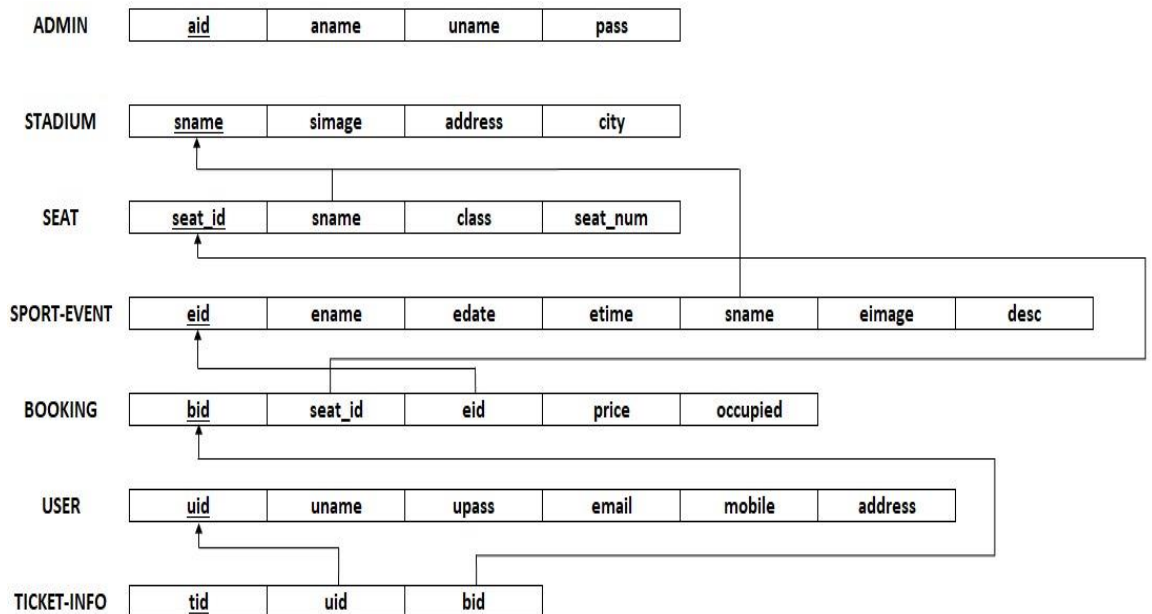
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SCHEMA DIAGRAM

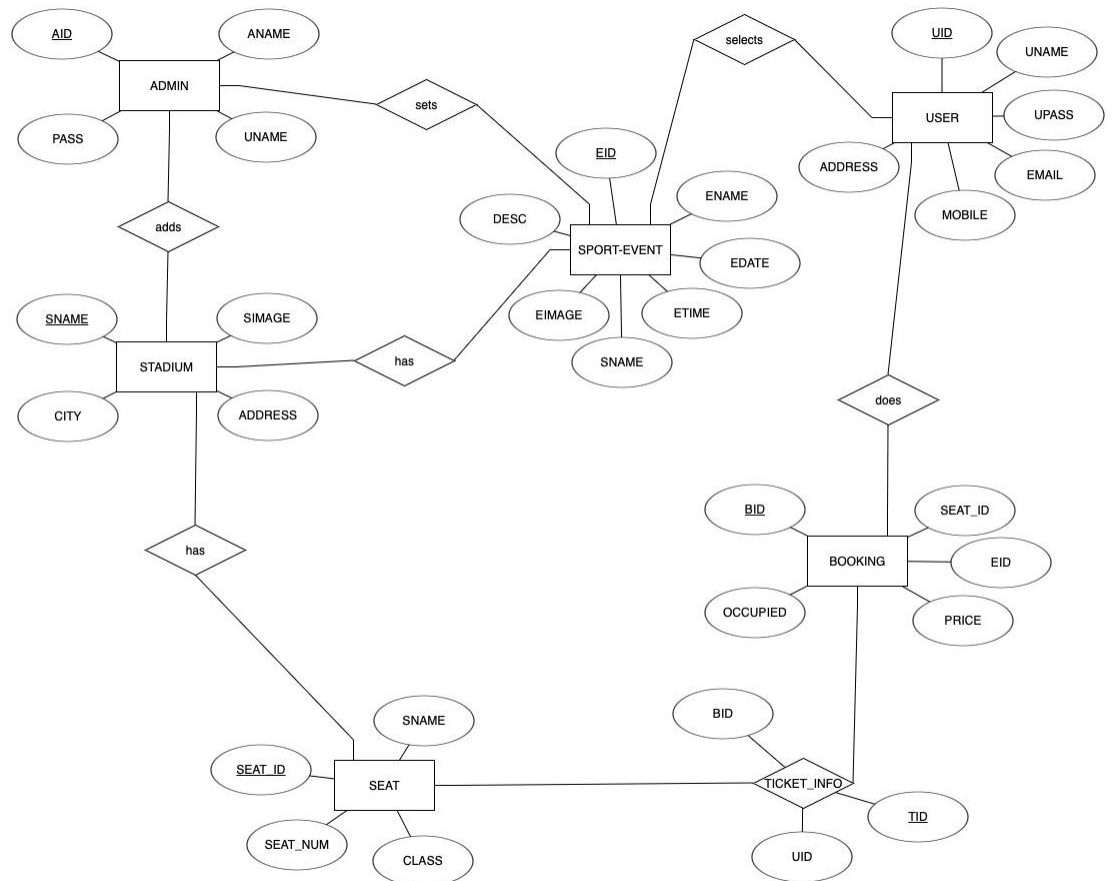


DESIGN



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E-R DIAGRAM



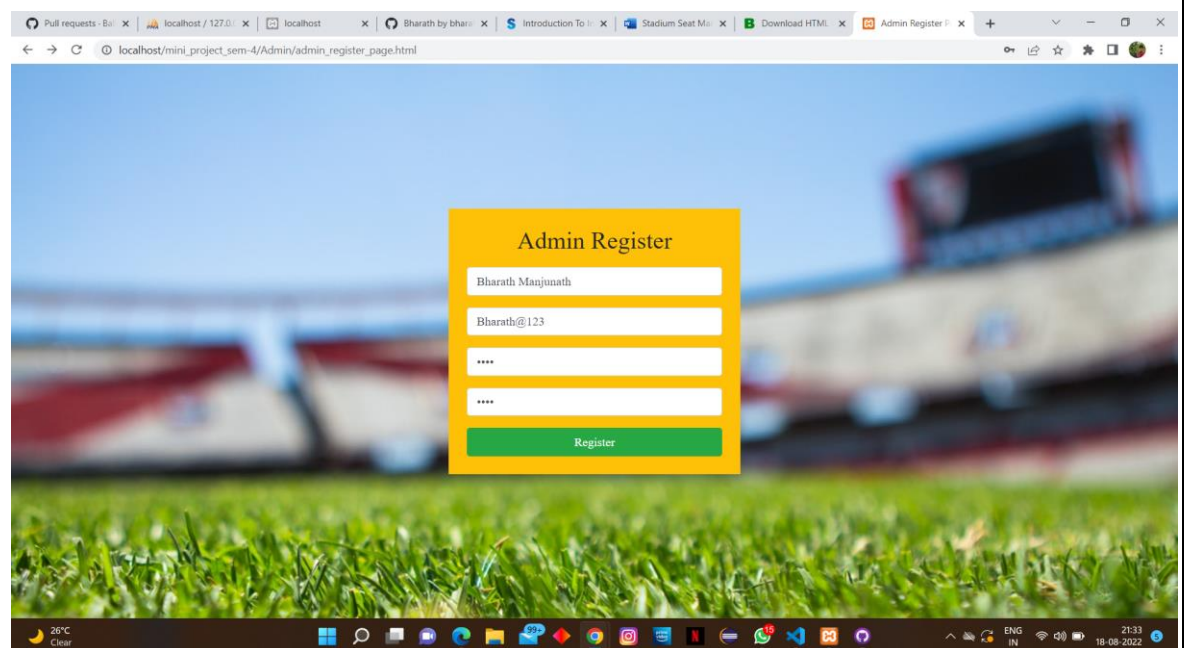
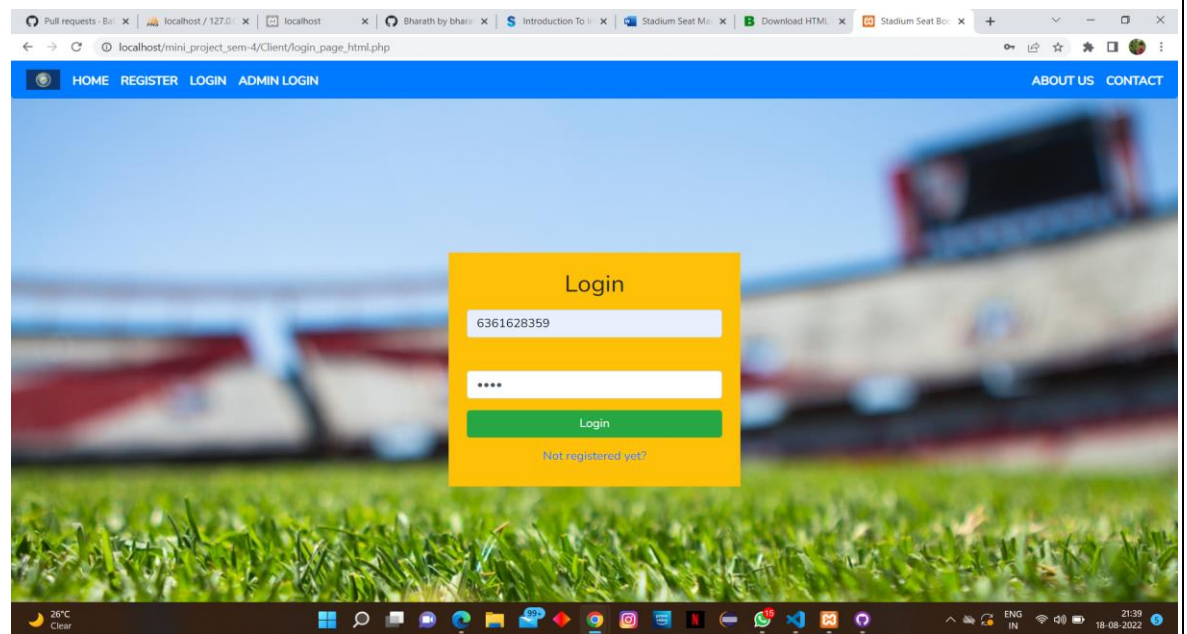
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PLATFORM USED (H/W & S/W TOOLS TO BE USED)	HTML, CSS, JS, BootStrap, MySQL, PHP
PROJECT SOURCE CODE LINK (GITHUB/ GOOGLE DRIVE)	Stadium Seat Management System on GitHub
CONCLUSION /FUTURE ENHANCEMENT	<ul style="list-style-type: none">● A feature to allow the admin message the clients within the system.● Features to enable clients to give their feedback and suggestions.● Integrating the system with money for customers to make payments using the system.

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UI SCREENSHOTS



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The screenshot displays a web application interface with two distinct forms. The top form, titled 'Add Stadium', is set against a background image of a stadium. It includes input fields for 'Enter Stadium Name', 'Enter Stadium Address', and 'Enter Stadium City'. There is a file upload section with a 'Choose File' button and a 'No file chosen' status. Below this, a section titled 'Seats in Each Division' contains three input fields labeled 'class diamond', 'class gold', and 'class silver'. A green 'Add Stadium' button is at the bottom of this form. The bottom form, titled 'Admin Login', is also on a stadium background. It features input fields for an email address (pre-filled with 'bharath@123') and a password (masked with '****'). A green 'Login' button is positioned at the bottom of this form. The browser's address bar shows the URL 'localhost/mini_project_sem-4/Admin/add_stadium.html' for the top form and 'localhost/mini_project_sem-4/Admin/admin_login_page.php' for the bottom form. The Windows taskbar at the bottom indicates a temperature of 26°C and a date of 18-08-2022.

Add Stadium

Enter Stadium Name

Choose File No file chosen

Add Stadium Image

Enter Stadium Address

Enter Stadium City

Seats in Each Division

class diamond

class gold

class silver

Add Stadium

Admin Login

bharath@123

Login

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localhost / 127.0.0.1 x localhost x Bharath by bhara x Introduction To x Stadium Seat M x Download HTML x localhost/mini_ x

localhost/mini_project_sem-4/Admin/edit_stadium_html.php?sname=Chinnaswamy

Update Stadium

Chinnaswamy



Select Another Image

Near Race Course Road,

Bangalore

Seats in Each Division

20

40

60


Update Stadium Details

26°C Clear 21:36 18-08-2022

localhost / 127.0.0.1 x localhost x Bharath by bhara x Introduction To x Stadium Seat M x Download HTML x View, Edit, Delete x

localhost/mini_project_sem-4/Admin/view_stadium.php

VIEW STADIUMS ADD STADIUM ADD SPORT EVENT VIEW SPORT EVENTS ADMIN LOGOUT ABOUT US CONTACT



Stadium Name: Chinnaswamy

Address: Near Race Course Road,

City: Bangalore

Delete Edit

26°C Clear 21:36 18-08-2022

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The image displays two screenshots of a web application running on a local server (localhost). The top screenshot shows the 'Add Sport Event' form, and the bottom screenshot shows the 'Register' form. Both forms are overlaid on a background image of a cricket stadium.

Add Sport Event Form:

- Event Name: India VS England
- Choose File: india-eng.jpg
- Add Stadium Image: [Button]
- Chinnaswamy
- 27-08-2022
- Set Event Date: [Button]
- 09:37
- Set Event Time: [Button]
- Test number 4 of bilateral series in which India lead the series by 2-1
- Seat Prices: [Text Area]
- 2000
- 1000

Register Form:

- Bharath M
- 6361628359
- ****
- ****
- Siddapura
- Register: [Button]

The bottom screenshot also shows a navigation bar with links: HOME, REGISTER, LOGIN, ADMIN LOGIN, ABOUT US, and CONTACT.

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The image displays two screenshots of a web application interface. The top screenshot shows the 'Admin/view_sport_event.php' page, which features a header with navigation links: VIEW STADIUMS, ADD STADIUM, ADD SPORT EVENT, VIEW SPORT EVENTS, ADMIN LOGOUT, ABOUT US, and CONTACT. The main content area displays details for an event titled 'India VS England' at 'Chinnaswamy' stadium, scheduled for '2022-08-27' at '09:37:00'. The event description states: 'Test number 4 of bilateral series in which India lead the series by 2-1'. There are 'Delete' and 'Edit' buttons at the bottom of the event details. The bottom screenshot shows the 'Client/home_page.php' page, which has a header with links: HOME, REGISTER, LOGIN, ADMIN LOGIN, ABOUT US, and CONTACT. The main content area is titled 'Upcoming Matches' and displays the same event details for 'India VS England' at 'Chinnaswamy' stadium, scheduled for '09:37:00 2022-08-27'. It also shows '5000 Rs onwards' for seats and a 'Book Now' button. Both screenshots include a Windows taskbar at the bottom with various application icons and system status indicators.

Event : India VS England
Stadium Name : Chinnaswamy
Event start date : 2022-08-27
Time : 09:37:00
Event Description: Test number 4 of bilateral series in which India lead the series by 2-1
Delete Edit

HOME REGISTER LOGIN ADMIN LOGIN
Upcoming Matches ↓
India VS England
Chinnaswamy
09:37:00 2022-08-27
5000 Rs onwards
Seats Available:
Book Now

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Event: RCB vs CSK



Date: 19th Sep 2022 (Mon)

Description: Match between Bangalore Team and Chennai Team

Stadium: Chinnaswamy



City: Bengaluru

Address: Cubbon Rd, Shivaji Nagar, Bengaluru, Karnataka

Diamond Price: 1100, Seats Left: 8

Gold Price: 900, Seats Left: 10

Silver Price: 700, Seats Left: 12

[Book Now!](#)

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 [HOME](#) [CHECK TICKETS](#) [LOGOUT](#)

[ABOUT US](#) [CONTACT](#) [REMOVE USER](#)

Diamond (Price per seat = 1100)

1 2 3 4 5 6 7 8 9 10


Gold (Price per seat = 900)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Silver (Price per seat = 700)

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

Pay

 [HOME](#) [CHECK TICKETS](#) [LOGOUT](#)

[ABOUT US](#) [CONTACT](#) [REMOVE USER](#)

Sl no.	Event	Date	Time	Stadium	Booked Seats	Total Price (in ₹)		
1	RCB vs CSK	19th Sep 2022	03:30 PM	Chinnaswamy	5	3900	Full Details	Cancel Ticket
2	MI vs CSK	15th Sep 2022	03:30 PM	Wankhede	7	6400	Full Details	Cancel Ticket

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STADIUM SEAT
BOOKING

Customer Details

Bharath

9353819324

Hengaluru

Event Details

RCB vs CSK



19th Sep 2022, Mon, 03:30 PM

Location Details

Chinnarayana



Cubbon Rd, Shivaji Nagar, Hengaluru, Karnataka

Hengaluru

Diamond Seats:

Gold Seats: 11, 12

Silver Seats: 10, 11, 12

Total Price: ₹ 3900