

# 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>			

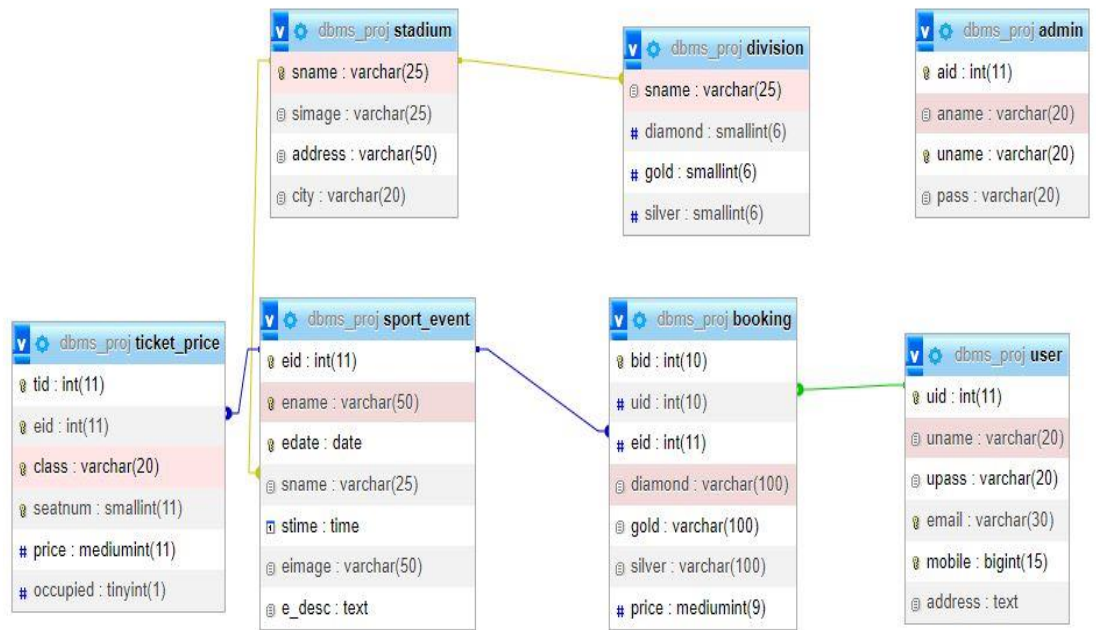
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INTRODUCTION	<p>This project is carried out because there are significant improvements that are to be made to the current ticket booking system which will benefit the stadium management, saving them time and money, as well as the customers and fans, 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"><li>● Website where you can book tickets for Cricket Match.</li><li>● Users and Admins can login, Users can register.</li><li>● Users can book any number of seats, cancel tickets and download them.</li><li>● Admins can add, edit and delete Stadiums, they can also add, edit and cancel matches.</li></ul>

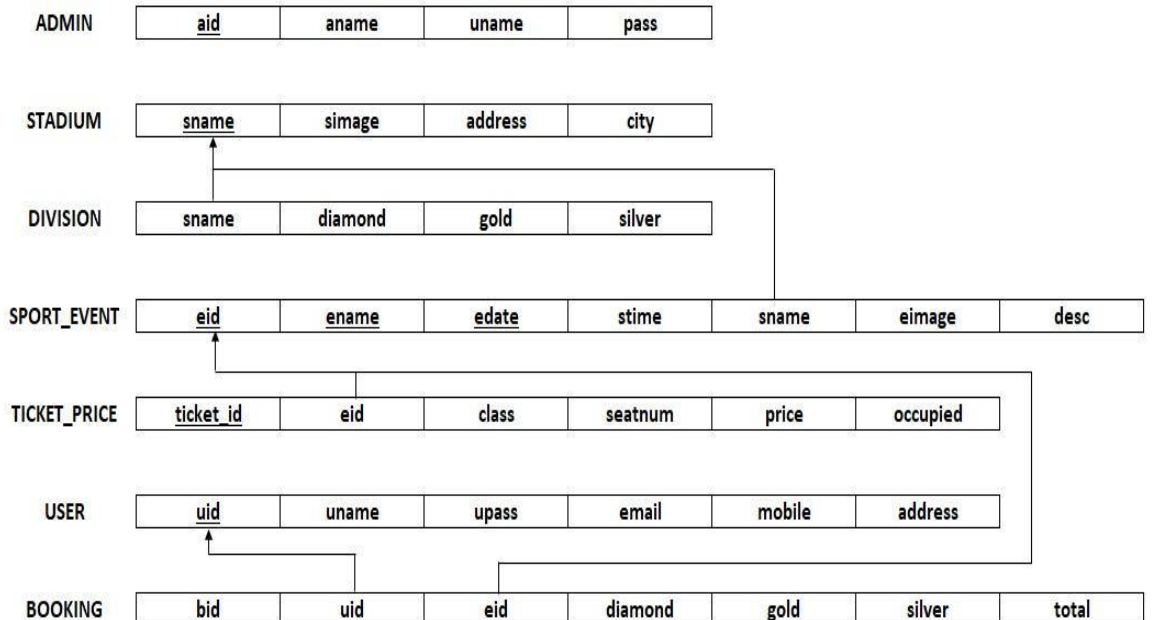
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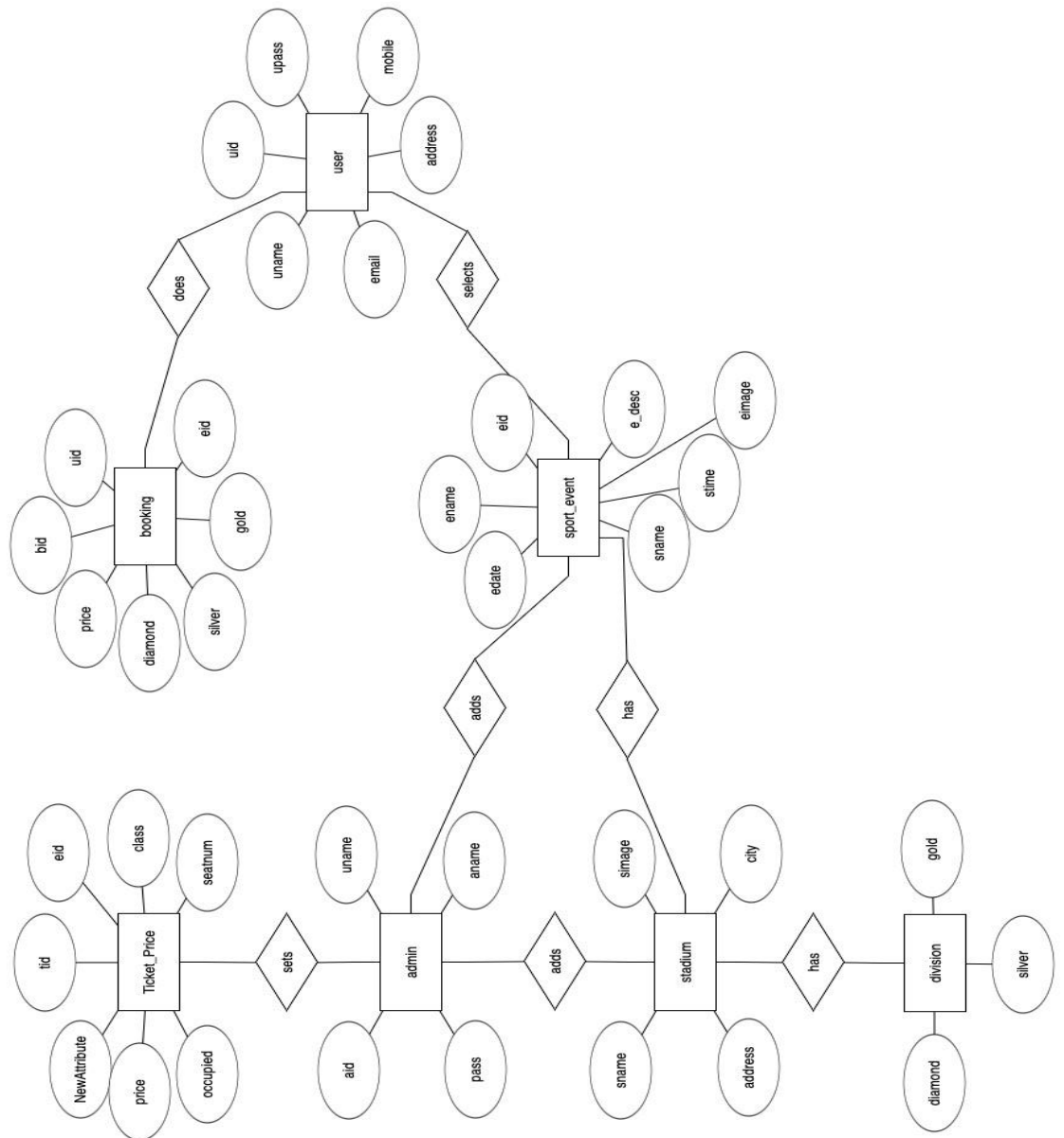
### SCHEMA DIAGRAM



DESIGN



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)	<a href="https://github.com/Balkundi-Vishwas/mini_project_sem-4.git">https://github.com/Balkundi-Vishwas/mini_project_sem-4.git</a>
CONCLUSION /FUTURE ENHANCEMENT	<ul style="list-style-type: none"><li>● A feature to allow the admin message the clients within the system.</li><li>● Features to enable clients to give their feedback and suggestions.</li><li>● Integrating the system with money for customers to make payments using the system.</li></ul>

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### UI SCREENSHOTS

The image displays two screenshots of a web application interface, likely for a sports management system, running on a local development environment (localhost).

**Top Screenshot: Login Page**

- URL:** localhost/mini\_project\_sem-4/Client/login\_page\_html.php
- Navigation:** HOME, REGISTER, LOGIN, ADMIN LOGIN, ABOUT US, CONTACT
- Form Title:** Login
- Fields:**
  - Phone Number: 6361628359
  - Password: \*\*\*\*
- Buttons:** Login
- Link:** Not registered yet?

**Bottom Screenshot: Admin Register Page**

- URL:** localhost/mini\_project\_sem-4/Admin/admin\_register\_page.html
- Form Title:** Admin Register
- Fields:**
  - Name: Bharath Manjunath
  - Email: Bharath@123
  - Password: \*\*\*\*
  - Confirm Password: \*\*\*\*
- Buttons:** Register



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The image shows two screenshots of a web application running on a local host. The browser's address bar indicates the URL is `localhost/mini_project_sem-4/Admin/admin_login_page.php`.

**Admin Login Page:**

- Navigation bar: HOME, REGISTER, LOGIN, ADMIN LOGIN, ABOUT US, CONTACT
- Form title: Admin Login
- Input fields: `bharath@123` (Email), `****` (Password)
- Button: Login

The second screenshot shows the `localhost/mini_project_sem-4/Admin/add_stadium.html` page.

**Add Stadium Page:**

- Form title: Add Stadium
- Input fields: Enter Stadium Name, Choose File (No file chosen), Enter Stadium Address, Enter Stadium City
- Section: Seats in Each Division
- Input fields: class diamond, class gold, class silver
- Button: Add Stadium

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The image displays two screenshots of a web application running on a local host. The top screenshot shows the 'Admin/view\_stadium.php' page, which features a navigation bar with links: VIEW STADIUMS, ADD STADIUM, ADD SPORT EVENT, VIEW SPORT EVENTS, ADMIN LOGOUT, ABOUT US, and CONTACT. The main content area displays details for the 'Chinnaswamy' stadium, including its address 'Near Race Course Road, Bangalore' and a 'Delete' button. The bottom screenshot shows the 'Admin/edit\_stadium.html' page, which has a yellow background and contains a form to update stadium details. The form includes a text input for the stadium name (pre-filled with 'Chinnaswamy'), a placeholder image, a 'Select Another Image' button, text inputs for the address (pre-filled with 'Near Race Course Road, Bangalore'), a section for 'Seats in Each Division' with three input fields (pre-filled with '20', '40', and '60'), and an 'Update Stadium Details' button. Both screenshots show a Windows taskbar at the bottom with a weather widget indicating 26°C and a date of 18-08-2022.

Stadium Name: Chinnaswamy  
Address: Near Race Course Road,  
City: Bangalore  
[Delete](#)

Update Stadium

Chinnaswamy

Select Another Image

Near Race Course Road,  
Bangalore

Seats in Each Division

20  
40  
60

Update Stadium Details



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The image displays two screenshots of a web application running on a local server (localhost).

**Top Screenshot: Add Sport Event Form**

The form is titled "Add Sport Event" and is set against a background of a cricket stadium. The form fields and controls are as follows:

- Event Name:** A text input field containing "India VS England".
- Stadium Image:** A "Choose File" button next to the text "india-eng.jpg", followed by an "Add Stadium Image" button.
- Stadium Name:** A dropdown menu showing "Chinnaswamy".
- Event Date:** A date input field showing "27-08-2022", with a "Set Event Date" button below it.
- Event Time:** A time input field showing "09:37", with a "Set Event Time" button below it.
- Description:** A text area containing "Test number 4 of bilateral series in which India lead the series by 2-1".
- Seat Prices:** Two input fields, one showing "2000" and the other "1000".

**Bottom Screenshot: View Sport Events Page**

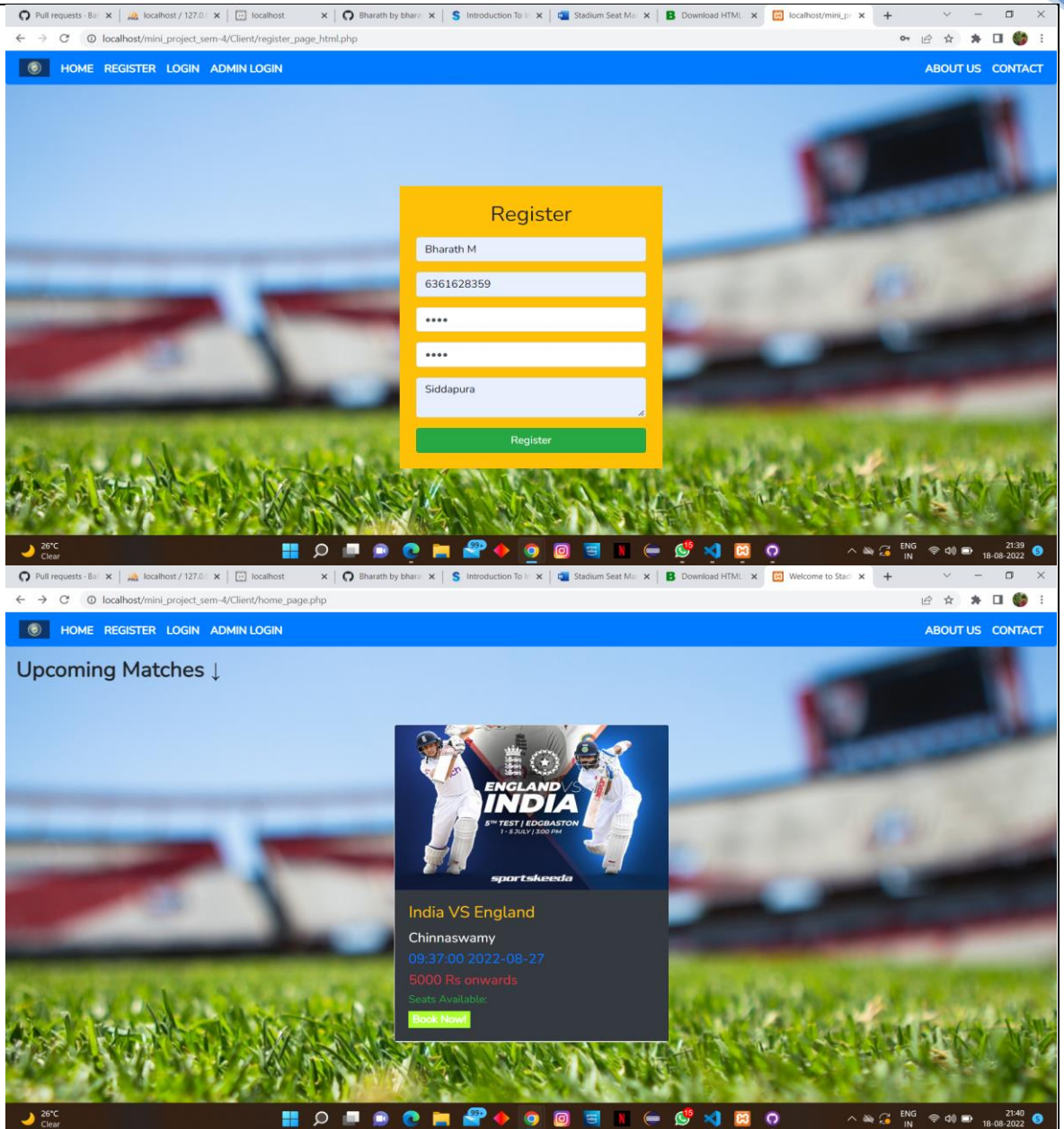
The page has a blue header with navigation links: "VIEW STADIUMS", "ADD STADIUM", "ADD SPORT EVENT", "VIEW SPORT EVENTS", "ADMIN LOGOUT", "ABOUT US", and "CONTACT". The main content area features a large image of a cricket match (England vs India) with the text "INDIA VS ENGLAND" and "5TH TEST | EDGBASTON | 1-5 JULY | 3:00 PM". Below the image, the event details are displayed:

- 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

At the bottom of the event details, there are two buttons: "Delete" (red) and "Edit" (green).

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Prices for each seat: Diamond = 1000, Gold = 800, Silver = 600

Diamond

1 2 3 4 5

Gold

1 2 3 4 5 6 7 8 9 10

Silver

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

Submit

4 1,7,8 10,11

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**STADIUM SEAT**  
**BOOKING**

**Customer Details**

Chetan S

8762625727

Bengaluru, Karnataka

**Event Details**

RCB vs KKR



21st Aug 2022, Sun, 09:45 PM

**Location Details**

Chinnaswamy



Cubbon Rd, Shivaji Nagar, Bengaluru, Karnataka  
Bengaluru

Diamond Seats: 1,2

Gold Seats: 6,7,8

Silver Seats: 12,13,14,15

**Total Price: ₹ 6800**