**SEMESTER PROJECT**

**SPRING-2024**

**SUBMITTED BY:**

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* **INTRODUCTION**

1. **Overview**The **gym management system** project aims to revolutionize the way of gyms center and providing easy managing, administration work. Moreover, enhancing the user experience of registration, payment.
2. **Objective and Goals:**
3. Efficient Management: The primary objective is to create a user-friendly platform and efficient management of the gym system remotely.
4. Enhancing the user experience: Also this project aims to maximize the overall experience both of the gym members and of the administration.
5. **Significance of the project**

Business Growth: In today records the system are moving form paper to digital work with increasing in the efficiency of work, management of task and all other work sum up leading to the growth of the business. So designing this project also aimed to the growth of business.

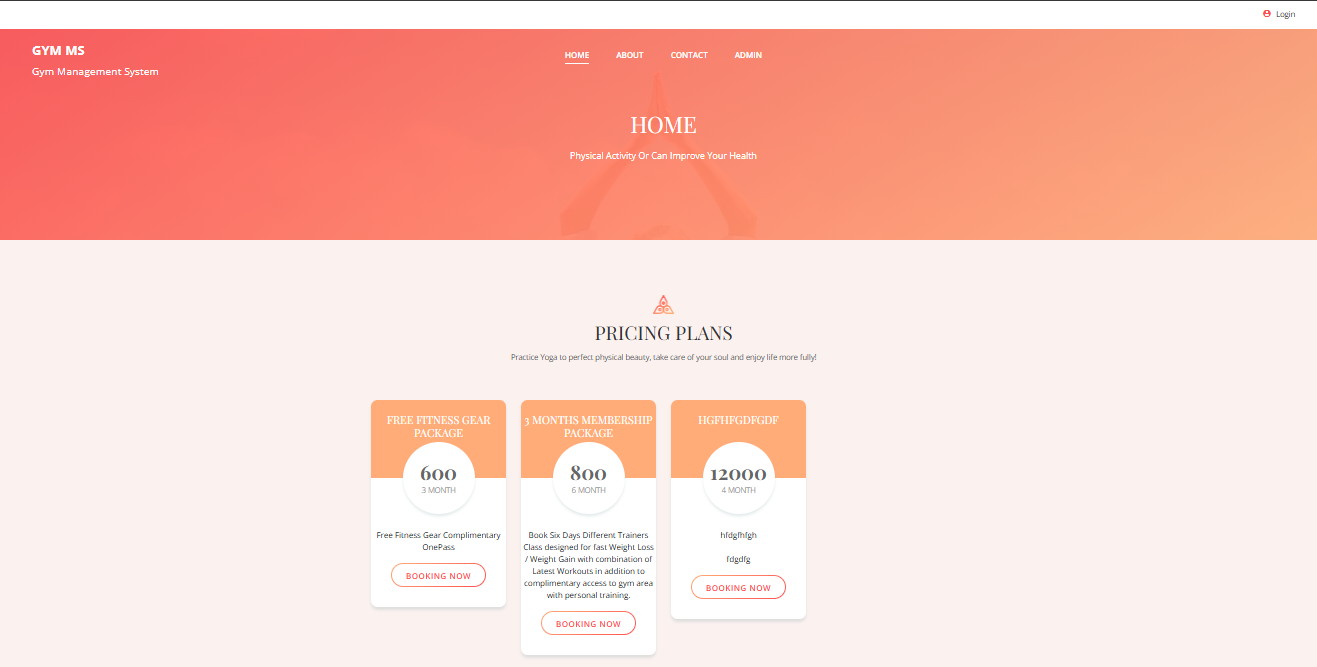
* **System Analysis**

**SOFTWARE REQUIREMENTS**

1. XAMPP(version 3.3.0)
2. MYSQL
3. VS CODE
4. MS EDGE/CHROME/OPERA/FIREFOX
5. PHP VERSION 7.4.27

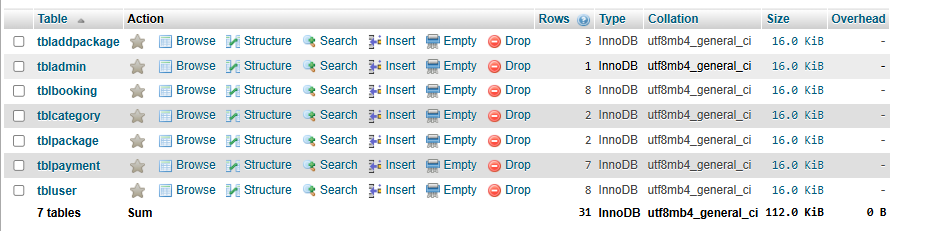
* **SYSTEM DESIGN**

1. Architectural Design



* **DATABSE DESIGN**

Schema



* **Implementation:**

1. Code Structure:The codebase will be structured using a modular approach, adhering to best practices for scalability, maintainability, and readability**.**
2. Modules and Functions:
3. User Authentication: This module will handle user registration, login, logout, and password management functionalities.

b. Communication: Facilitates communication between administrators and members through notifications, announcements, and messaging features.

3. Integration of Different Components:

Database Integration: The system will integrate with a relational gym management system to store and retrieve data efficiently. And XAMPP for running front and back end.  
Frontend Framework: Utilizes a frontend framework HTML, CSS, JAVASCRIPT.

Backend Framework: Implements a backend framework using PHP and SQL language.

* **USER MANUAL**

To run the GYM Management System Project Using PHP and MySQL

1. Paste inside root directory(for xampp xampp/htdocs, for wamp wamp/www, for lamp var/www/html)
2. Run XAMPP CONTROL PANNEL and start the APACHE and MYSQL service for running of the website.
3. Open PHPMyAdmin (http://localhost/phpmyadmin)
4. Create a database with name gymdb
5. Import gymdb.sql file(given inside the zip package in SQL file folder)
6. Run the script <http://localhost/gym>



Admin Credential

Username: admin@gmail.com

Password: hasnat123

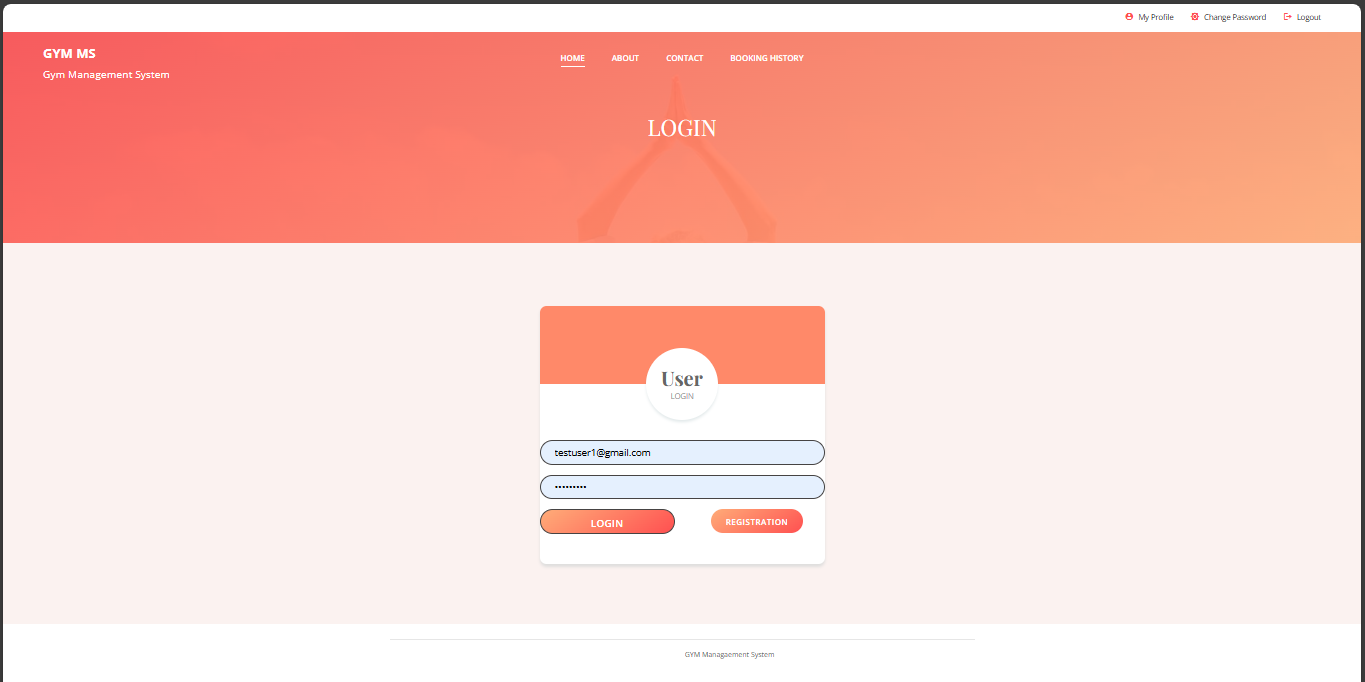
Employer Credential

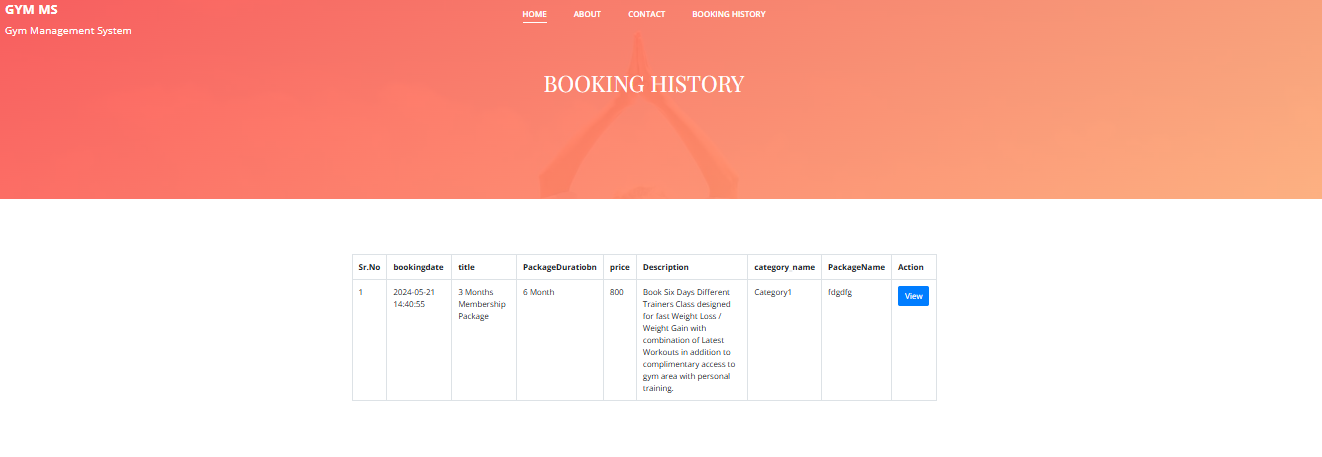
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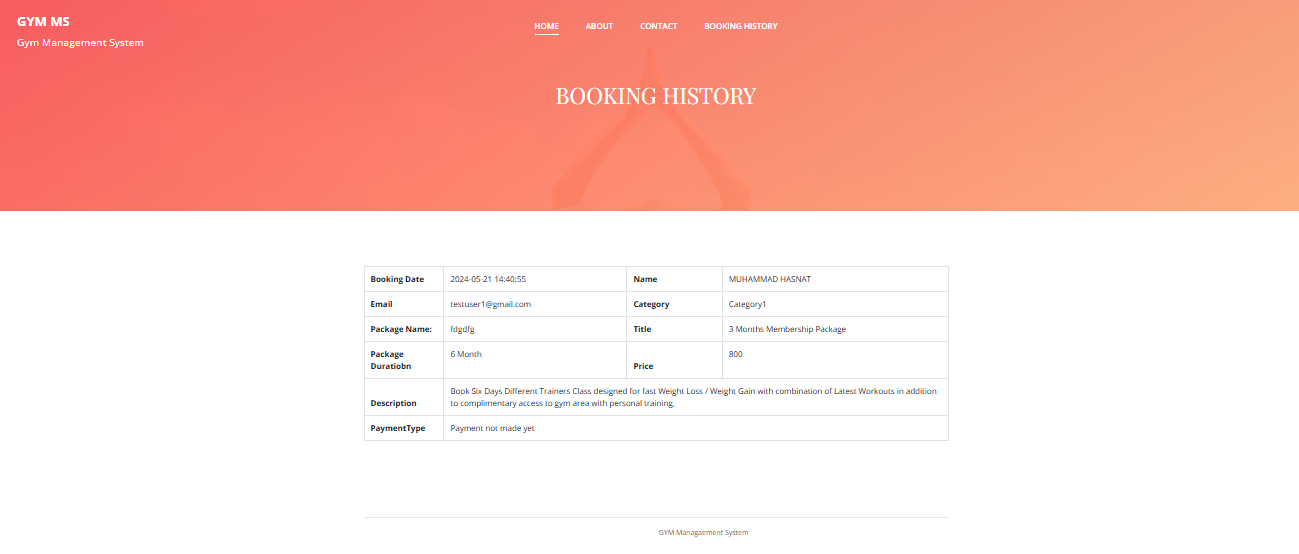
Password: hasnat123

**or** Register a new user.

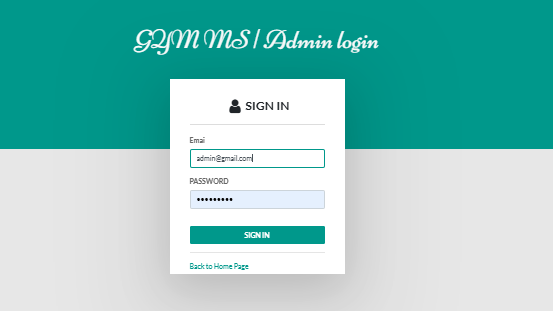
**Screenshots**

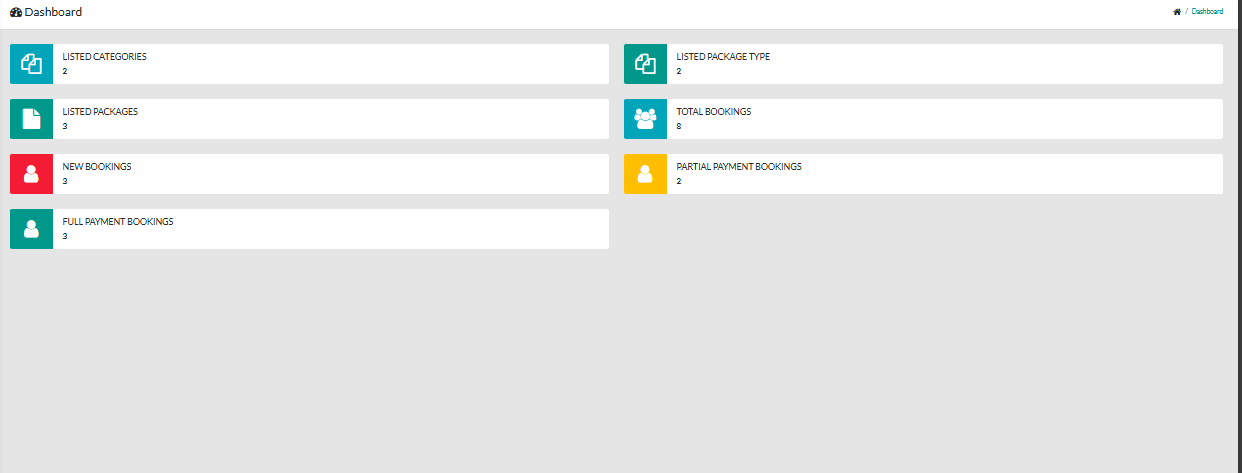
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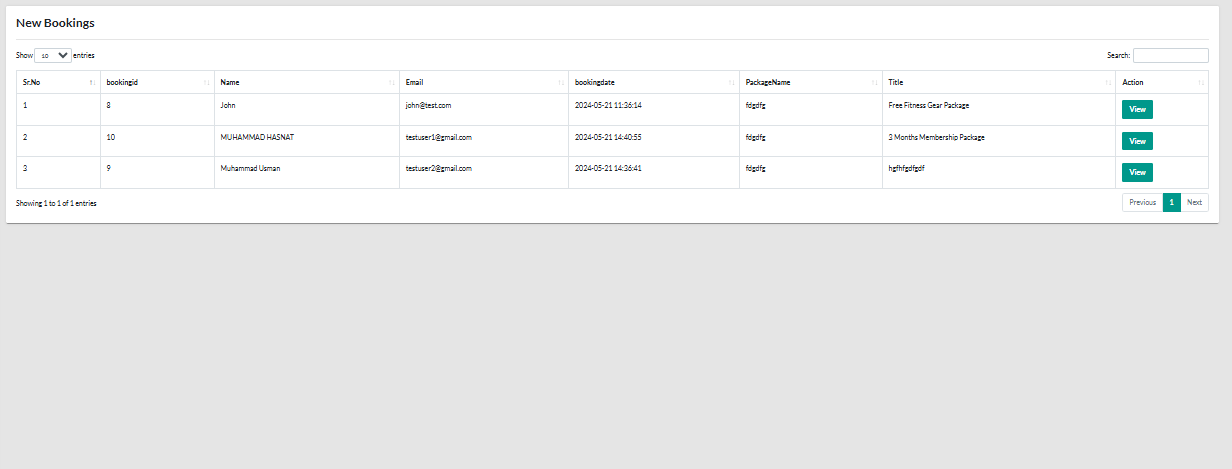


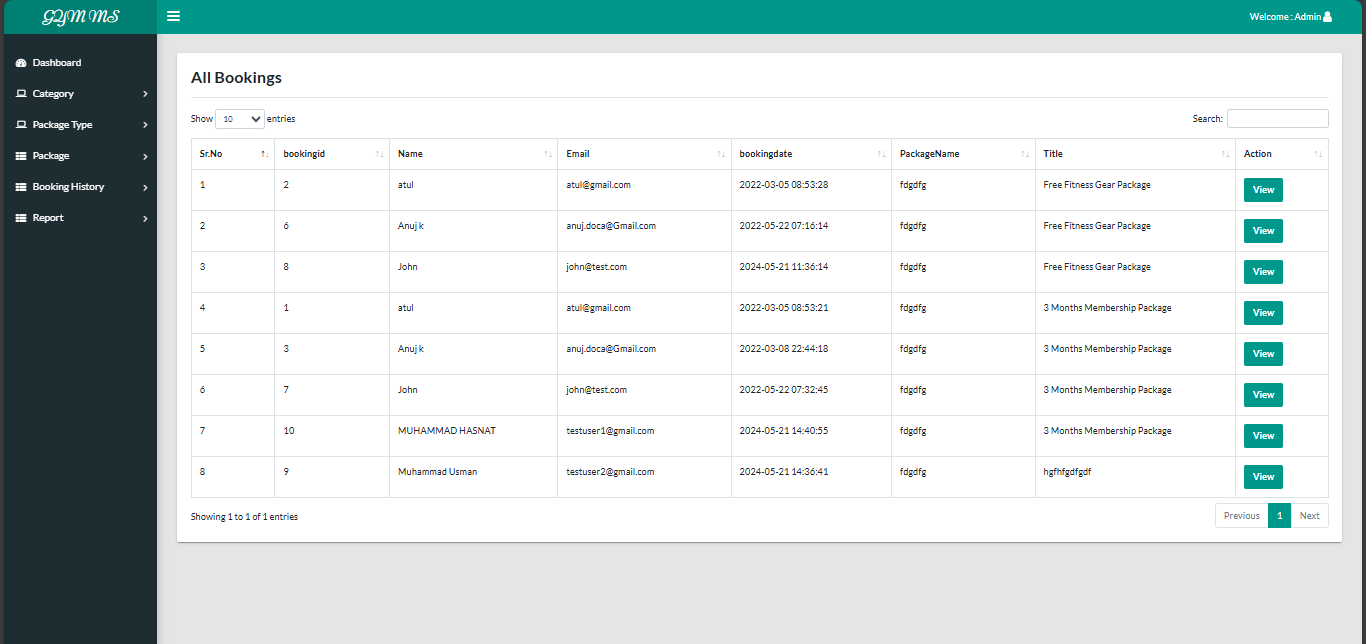


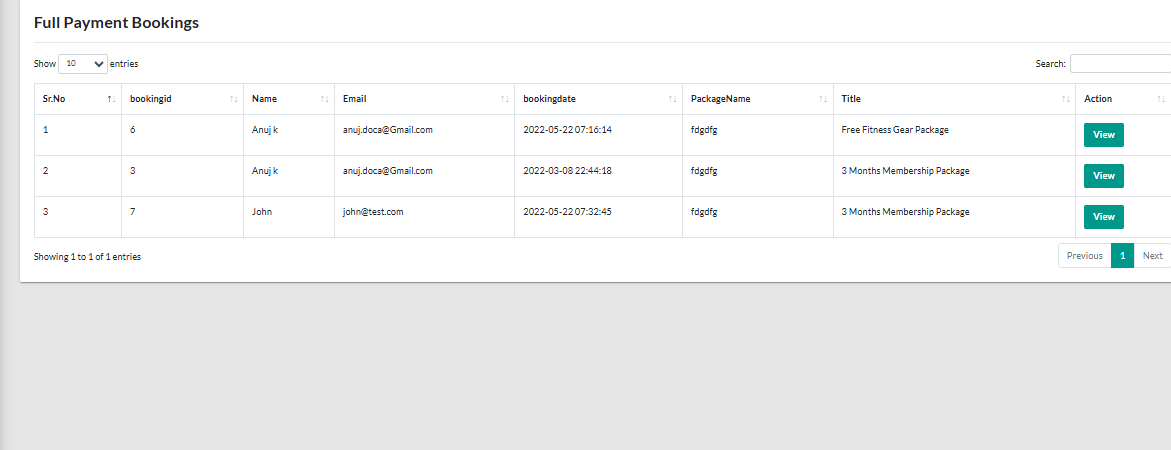
**ADMIN PAGE**

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* **CONCLUSION AND FURTHER WORK**

1. **Summary of project:** Well in conclusion to all the work, this project aims to make the registration of gyms and fitness center through remote rather going the centers. Moreover a user-friendly interface is to be provided to the user so that they can easily do their work remotely rather coming and making it administrative work from scratch. Also reducing the administration and paper work and making a good and fast processing work.
2. **Limitation:**  In this project a user can create and register him\her but the limitations are that they cannot delete theirs account by themselves. Moreover to delete the user account the user has to contact the admin for deletion of the account. Moreover user has to pay to the admin cash as online are not accepted.
3. **Future Improvements:** In future we aims to make the payments online for user and further add more plans to our gyms programs. Secondly we will create option for the user to delete their accounts.