



**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:**

- a. **Efficient Management:** The primary objective is to create a user-friendly platform and efficient management of the gym system remotely.
    - b. **Enhancing the user experience:** Also this project aims to maximize the overall experience both of the gym members and of the administration.

- 3. **Significance of the project**

- Business Growth:** In today records the system are moving from 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.

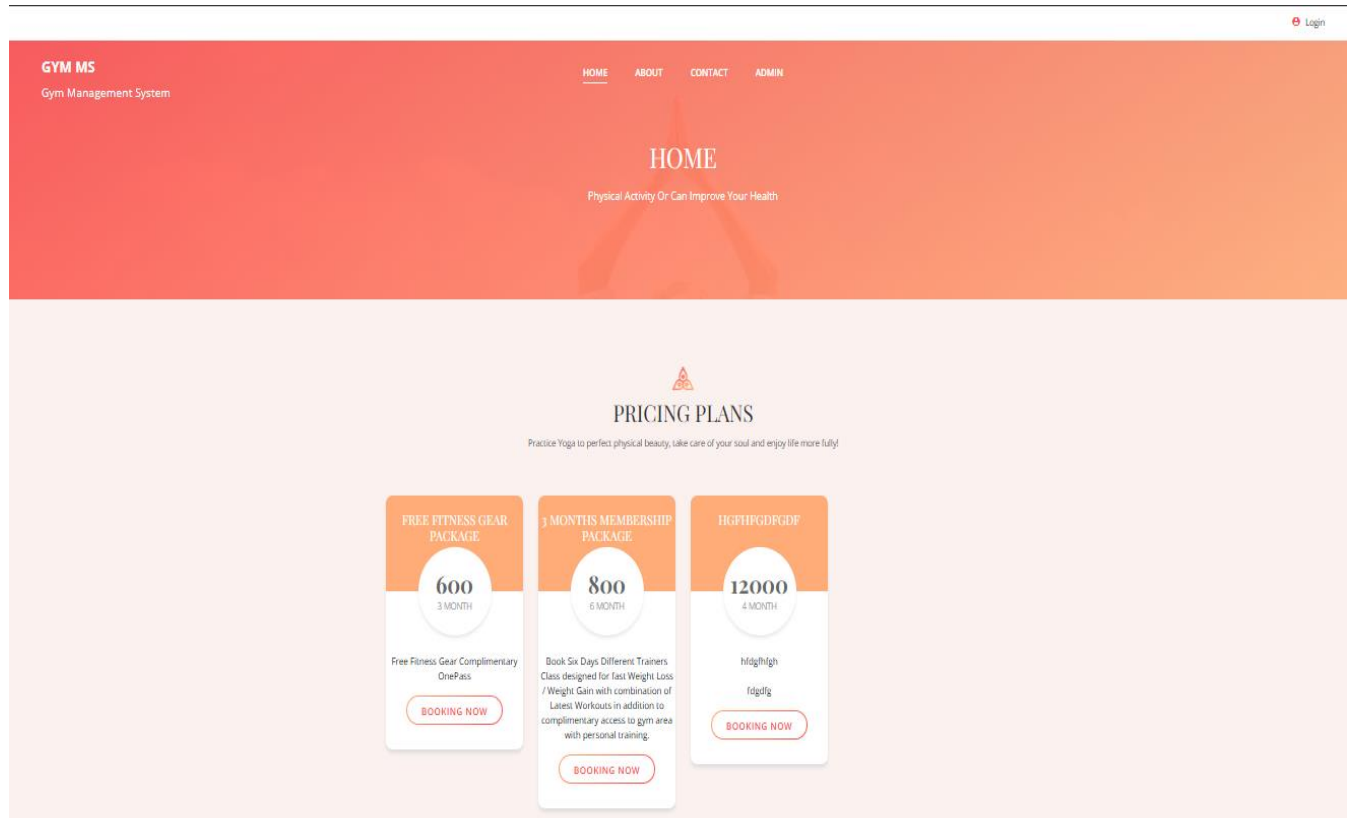
- **System Analysis**

- 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



## • DATABASE DESIGN

### Schema

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> tbladdpackage	★ Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> tbladmin	★ Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> tblbooking	★ Browse Structure Search Insert Empty Drop	8	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> tblcategory	★ Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> tblpackage	★ Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> tblpayment	★ Browse Structure Search Insert Empty Drop	7	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> tbluser	★ Browse Structure Search Insert Empty Drop	8	InnoDB	utf8mb4_general_ci	16.0 KiB	-
7 tables	Sum	31	InnoDB	utf8mb4_general_ci	112.0 KiB	0 B

## • 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:

- a. 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.

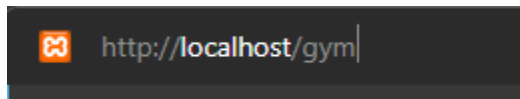
Backend Framework: Implements a backend framework using PHP and SQL language.

## • **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

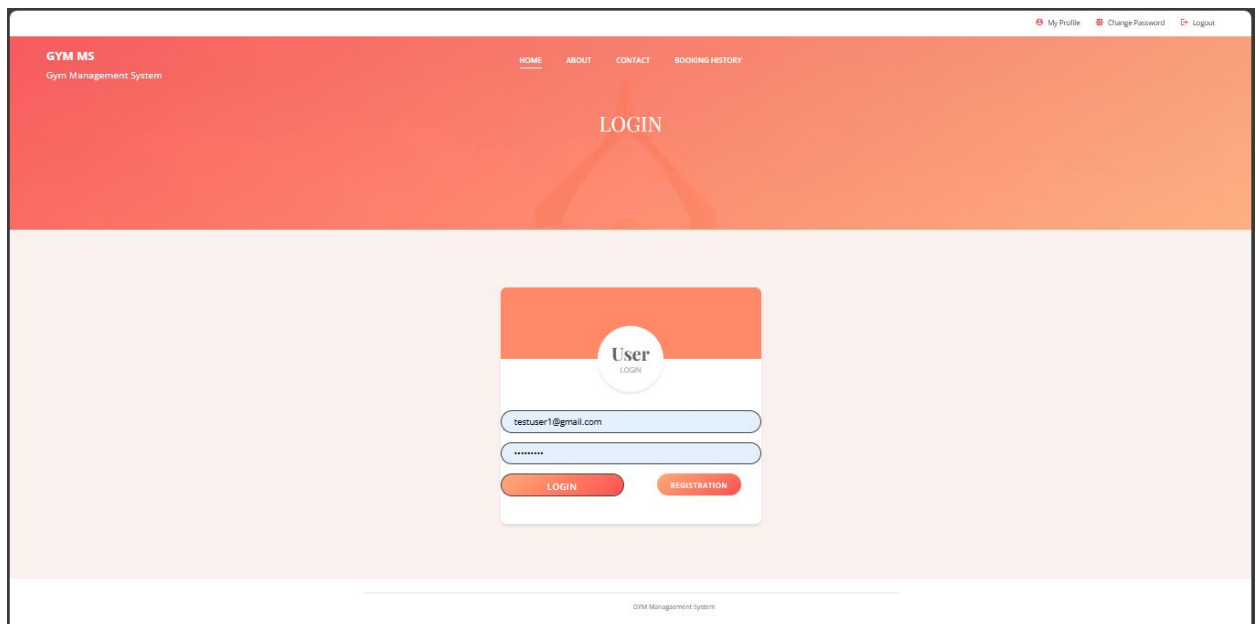
### Employer Credential

Username: testuser1@gmail.com

Password: hasnat123

**or** Register a new user.

## Screenshots




Sr.No	bookingdate	title	PackageDurationbn	price	Description	category name	PackageName	Action
1	2024-05-21 14:40:55	3 Months Membership Package	6 Month	800	Book Six Days Different Trainers Class designed for fast Weight Loss / Weight Gain with combination of Latest Workouts in addition to complimentary access to gym area with personal training.	Category1	fdgdfg	<a href="#">View</a>

Booking Date	2024-05-21 14:40:55	Name	MUHAMMAD HASNAT
Email	testuser1@gmail.com	Category	Category1
Package Name:	fdgdfg	Title	3 Months Membership Package
Package Durationbn	6 Month	Price	800
Description	Book Six Days Different Trainers Class designed for fast Weight Loss / Weight Gain with combination of Latest Workouts in addition to complimentary access to gym area with personal training.		
PaymentType	Payment not made yet		

## ADMIN PAGE

GYM MS / Admin login



SIGN IN

Email

PASSWORD

SIGN IN

[Back to Home Page](#)

Dashboard

LISTED CATEGORIES

2

LISTED PACKAGES

3

NEW BOOKINGS

3

FULL PAYMENT BOOKINGS

3

LISTED PACKAGE TYPE

2

TOTAL BOOKINGS

8

PARTIAL PAYMENT BOOKINGS

2

New Bookings

Show10entries

Search:

Sr.No	bookingid	Name	Email	bookingdate	PackageName	Title	Action
1	8	John	john@test.com	2024-05-21 11:36:14	fdgdfg	Free Fitness Gear Package	<a href="#">View</a>
2	10	MUHAMMAD HASNAT	testuser1@gmail.com	2024-05-21 14:40:55	fdgdfg	3 Months Membership Package	<a href="#">View</a>
3	9	Muhammad Usman	testuser2@gmail.com	2024-05-21 14:36:41	fdgdfg	hghfgdfgdf	<a href="#">View</a>

Showing 1 to 1 of 1 entries

[Previous](#)[1](#)[Next](#)

Gym Ms

Dashboard

Category

Package Type

Package

Booking History

Report

Welcome Admin

All Bookings

Show10entries

Search:

Sr.No	bookingid	Name	Email	bookingdate	PackageName	Title	Action
1	2	atul	atul@gmail.com	2022-03-05 08:53:28	fdgdfg	Free Fitness Gear Package	<a href="#">View</a>
2	6	Anuj k	anuj.doca@gmail.com	2022-05-22 07:16:14	fdgdfg	Free Fitness Gear Package	<a href="#">View</a>
3	8	John	john@test.com	2024-05-21 11:36:14	fdgdfg	Free Fitness Gear Package	<a href="#">View</a>
4	1	atul	atul@gmail.com	2022-03-05 08:53:21	fdgdfg	3 Months Membership Package	<a href="#">View</a>
5	3	Anuj k	anuj.doca@gmail.com	2022-03-08 22:44:18	fdgdfg	3 Months Membership Package	<a href="#">View</a>
6	7	John	john@test.com	2022-05-22 07:32:45	fdgdfg	3 Months Membership Package	<a href="#">View</a>
7	10	MUHAMMAD HASNAT	testuser1@gmail.com	2024-05-21 14:40:55	fdgdfg	3 Months Membership Package	<a href="#">View</a>
8	9	Muhammad Usman	testuser2@gmail.com	2024-05-21 14:36:41	fdgdfg	hghfgdfgdf	<a href="#">View</a>

Showing 1 to 1 of 1 entries

[Previous](#)[1](#)[Next](#)

Full Payment Bookings									
Show 10 entries		Search:							
Sr.No	bookingid	Name	Email	bookingdate	PackageName	Title	Action		
1	6	Anuj k	anuj.doca@gmail.com	2022-05-22 07:16:14	fdgdfg	Free Fitness Gear Package	<a href="#">View</a>		
2	3	Anuj k	anuj.doca@gmail.com	2022-08-08 22:44:18	fdgdfg	3 Months Membership Package	<a href="#">View</a>		
3	7	John	john@test.com	2022-05-22 07:32:45	fdgdfg	3 Months Membership Package	<a href="#">View</a>		
Showing 1 to 1 of 1 entries								Previous	1 Next

## • 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.
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