

Project Modules

The different types of modules present in this project are

1. user
2. Admin

Conceptual Schema:

User Module

Users can visit the website and apply. for gym packages.

Registration: One time Registration is required to apply for any gym package.

Login: After registration, the user can log in and apply for the gym package.

Booking History: In this section, users can see booked packages and payment details also.

Profile: In this Section, User can update their profile.

Change Password: In this section, user can change their own password.

Admin Module

Dashboard: In this section, Admin can see the overview of bookings, listed packages, categories, and package types.

Categories: In this section, the admin can add, and delete the categories.

Package-Type: In this section, the admin can add, or delete the package type.

Packages: In this section, admin can add, and edit packages;

Bookings: In this section, the admin checks the new booking and partial/ full payment bookings. Here admin can also update the payment details against a particular booking.

Report: In this section, Admin can generate the between dates report for booking and registered users.

Admin can also update his profile, change the password and recover the password.

Some of the Project Screens

Home Page

The screenshot displays two views of a web application for a Gym Management System.

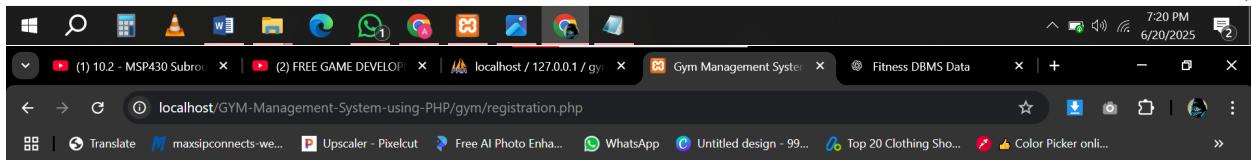
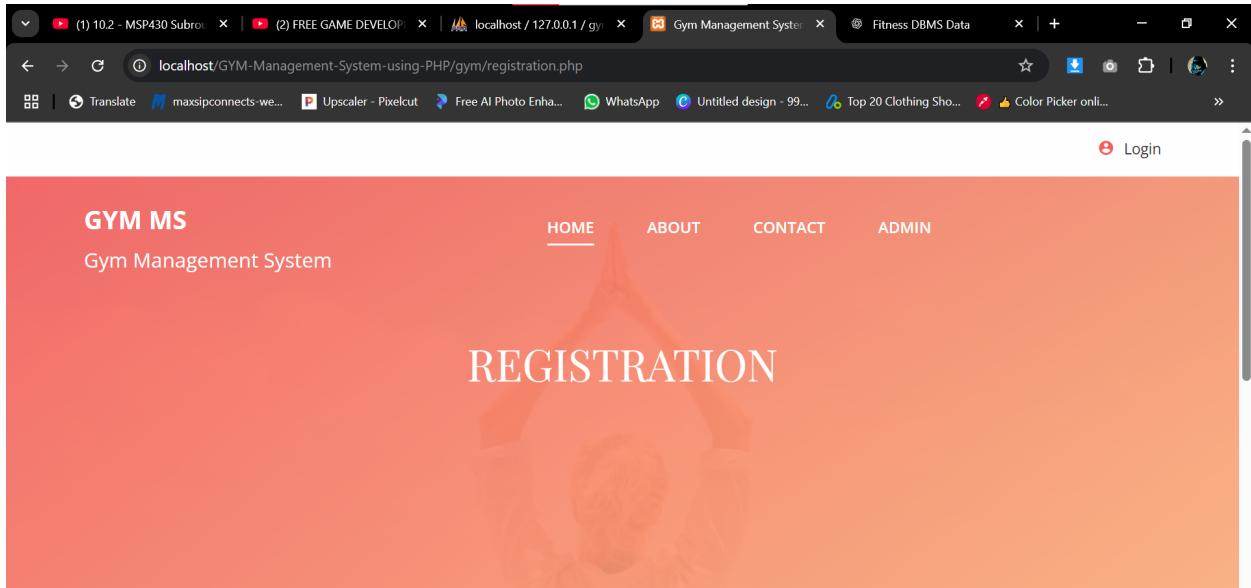
Top View (Home Page):

- Header:** "GYM MS" and "Gym Management System".
- Navigation:** "HOME" (highlighted), "ABOUT", "CONTACT", "ADMIN".
- Main Content:** A large orange banner with the word "HOME" in white. Below it is the tagline "Physical Activity Or Can Improve Your Health".
- User Authentication:** "Login" button in the top right corner.

Bottom View (Service Offerings):

- Header:** "7:19 PM 6/20/2025".
- Content:** Four service offerings in orange boxes:
 - SLIM FIT START:** \$4,999 for 1 month. Introductory program for fat burning and cardio. [BOOKING NOW](#).
 - BULK PRO PACKAGE:** \$13,999 for 3 months. Focused on hypertrophy with a trainer & diet plan. [BOOKING NOW](#).
 - MIND & BODY BALANCE:** \$7,499 for 2 months. Yoga, breathing exercises, and stress management. [BOOKING NOW](#).
 - EVERYDAY FIT PLAN:** \$3,999 for 1 month. Daily fitness with strength and endurance focus. [BOOKING NOW](#).
- Callout:** An orange arrow points from the "EVERYDAY FIT PLAN" section towards the "POWERLIFTING MAX PLAN" section.
- Footer:** "7:21 PM 6/20/2025".

User Registration Page



Admin Login & Dashboard

The image shows two screenshots of a web application for Gym Management System (GYMMS).
The top screenshot displays the 'Admin login' page. It features a teal header with the text 'GYMMS / Admin login'. Below this is a white sign-in form with a black header containing a user icon and the text 'SIGN IN'. The form includes fields for 'Email' (with a placeholder 'Email') and 'PASSWORD' (with a placeholder 'Password'), and a teal 'SIGN IN' button. At the bottom of the form is a link 'Back to Home Page'.
The bottom screenshot shows the 'Admin | Dashboard' page. It has a dark header with the text 'Welcome : Admin' and a user icon. On the left is a sidebar with navigation links: 'Dashboard', 'Category', 'Package Type', 'Package', 'Booking History', and 'Report'. The main content area is titled 'Dashboard' and contains six data cards: 'LISTED CATEGORIES' (5), 'LISTED PACKAGE TYPE' (5), 'LISTED PACKAGES' (5), 'TOTAL BOOKINGS' (1), 'NEW BOOKINGS' (1), and 'PARTIAL PAYMENT BOOKINGS' (0). A footer at the bottom of the page shows the URL 'localhost/GYM-Management-System-using-PHP/gym/admin/manage-post...'.

Booking Details Page

The screenshot shows a web browser window titled "localhost/GYM-Management-System-using-PHP/gym/admin/booking-history.php". The title bar also includes tabs for "admin | All Bookings" and "Fitness DBMS Data". The page header features the "Gymms" logo and a "Welcome : Admin" message. On the left, a dark sidebar menu lists "Dashboard", "Category", "Package Type", "Package", "Booking History", and "Report". The main content area is titled "All Bookings" and displays a table with one row of data. The table columns are Sr.No, bookingid, Name, Email, bookingdate, PackageName, Title, and Action. The data row shows: Sr.No 1, bookingid 8, Name afzaal, Email afzaalakbar0077@gmail.com, bookingdate 2025-06-20 18:49:53, PackageName Basic, Title Slim Fit Start, and Action (a green "View" button). Below the table, a message says "Showing 1 to 1 of 1 entries". The bottom right corner of the screen shows the date and time as 6/20/2025 7:24 PM.

The screenshot shows a web browser window titled "localhost/GYM-Management-System-using-PHP/gym/admin/booking-history-details.php?bookingid=8". The title bar includes tabs for "Booking Details" and "Fitness DBMS Data". The page header features the "Gymms" logo and a "Welcome : Admin" message. The left sidebar menu is identical to the previous screenshot. The main content area displays a table with six rows of booking details. The table columns are Booking Date, Name, Email, Category, Package Name, Title, Price, Description, and PaymentType. The data rows are: Booking Date 2025-06-20 18:49:53, Name afzaal, Email afzaalakbar0077@gmail.com, Category Weight Loss, Package Name Basic, Title Slim Fit Start, Price 4,999, Description Introductory program for fat burning and cardio, and PaymentType (empty). A green "Take Action" button is located at the bottom of the table. The bottom right corner of the screen shows the date and time as 6/20/2025 7:24 PM.

Package Page

GYM MS

Gym Management System

BOOKING HISTORY

HOME ABOUT CONTACT BOOKING HISTORY

My Profile Change Password Logout

7:29 PM 6/20/2025

Sr.No	bookingdate	title	PackageDuration	price	Description	category_name	PackageName	Action
1	2025-06-20 18:49:53	Slim Fit Start	1 Month	4,999	Introductory program for fat burning and cardio.	Weight Loss	Basic	<button>View</button>

GYM Management System

7:29 PM 6/20/2025

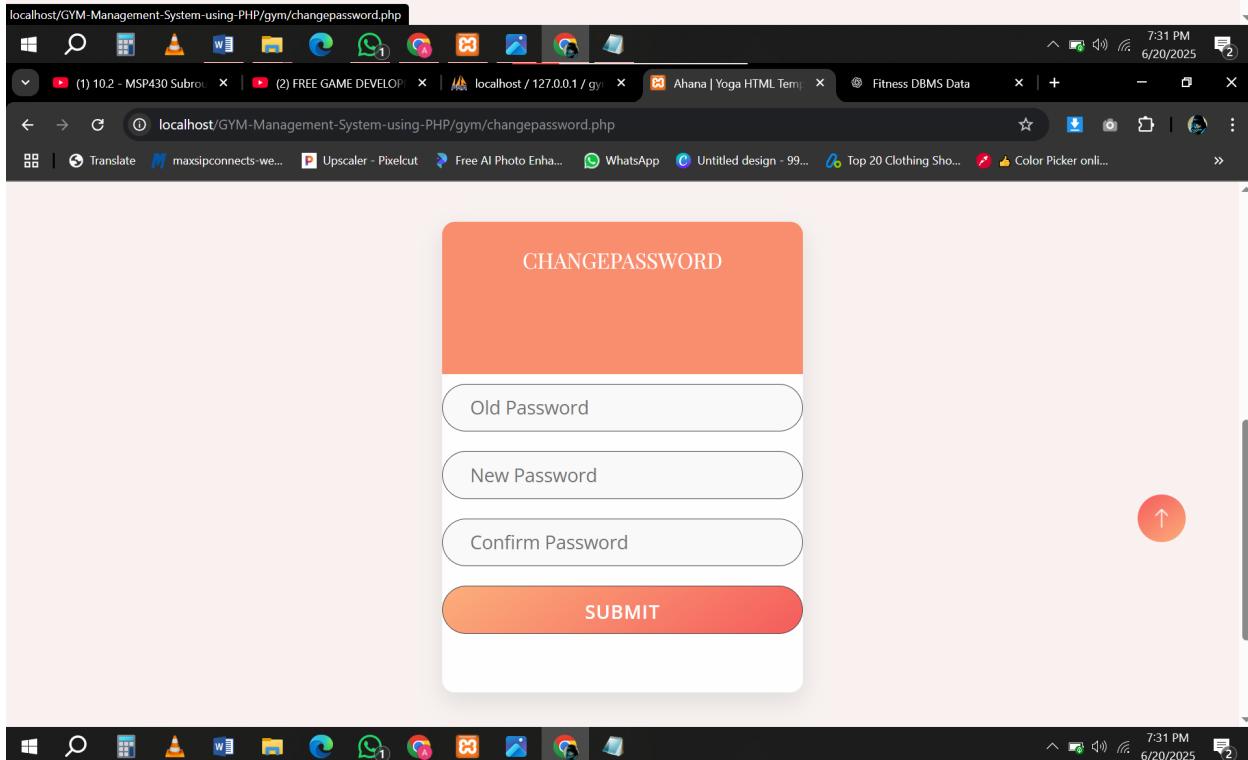
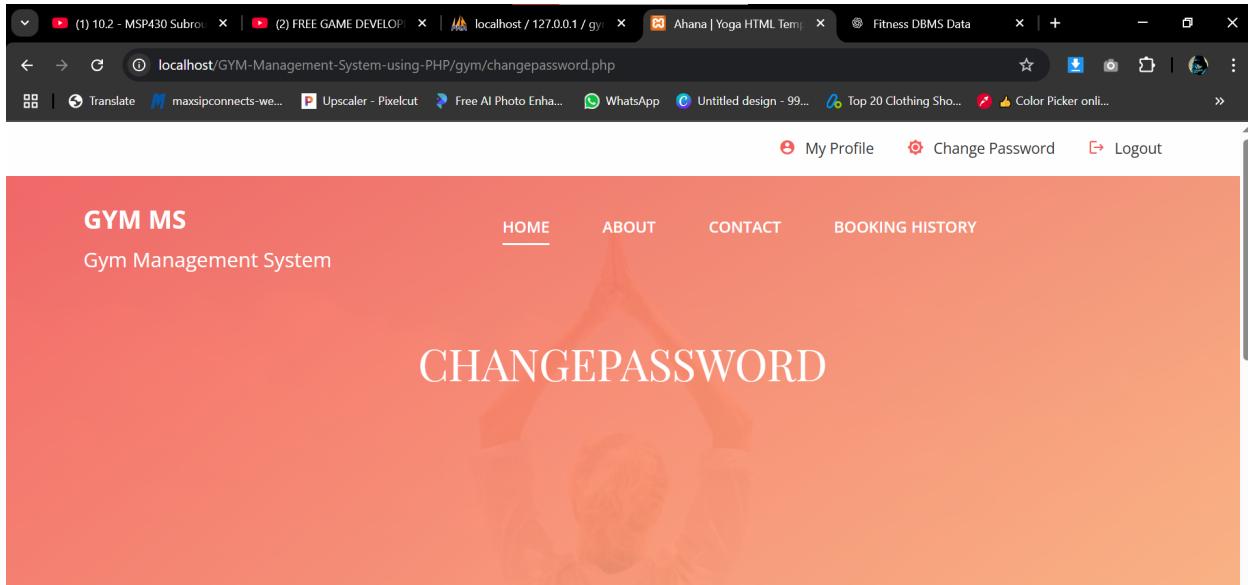
User Login Page

The image displays two screenshots of a web application interface, likely a Gym Management System, running on a local host.

Top Screenshot: This shows the homepage of the system. The header features the text "GYM MS" and "Gym Management System". Below the header is a large, blurred background image of a person working out. A navigation menu at the top includes links for "HOME", "ABOUT", "CONTACT", and "ADMIN". On the right side of the page, there is a "Login" button.

Bottom Screenshot: This shows the "User LOGIN" page. It features a large orange header with the text "User LOGIN" inside a white circular badge. Below the header is a form with two input fields: "Your Email" and "Password". At the bottom of the form are two buttons: "LOGIN" and "REGISTRATION". To the right of the form, there is a small orange circle with a white upward-pointing arrow.

Change Password



Package Page

The screenshot shows a web browser window titled "Admin | Manage Package" with the URL "localhost/GYM-Management-System-using-PHP/gym/admin/manage-post.php". The page is titled "Manage Packages" and displays a table of package data. The table has columns: Sr.No, Category, Package Type, Title, Package Duration, Price, and Action. There are five rows of data with "Edit" buttons in the Action column. The sidebar on the left shows navigation links for Dashboard, Category, Package Type, Package (selected), Add, Manage, Booking History, and Report. The system is running on Windows 10, as indicated by the taskbar icons.

Sr.No	Category	Package Type	Title	Package Duration	Price	Action
1	Weight Loss	Basic	Slim Fit Start	1 Month	4,999	Edit
2	Muscle Gain	Premium	Bulk Pro Package	3 Months	13,999	Edit
3	Yoga & Wellness	Standard	Mind & Body Balance	2 Months	7,499	Edit
4	General Fitness	Basic	Everyday Fit Plan	1 Month	3,999	Edit
5	Strength	Elite	Powerlifting Max Plan	6 Months	19,999	Edit

✓ 1. Finalized Conceptual Schema

Entities and Attributes

Entity	Attributes
User	id (PK), fname, lname, email, mobile, password, state, city, address, create_date
Admin	id (PK), name, email, mobile, password, create_date
Category	id (PK), category_name, status
Package	id (PK), cate_id (FK), PackageName
AddPackage	id (PK), category (not normalized), titlename, PackageType, PackageDuration, Price, uploadphoto, Description, create_date
Booking	id (PK), package_id (FK), userid (FK), booking_date, payment, paymentType
Payment	id (PK), bookingID (FK), paymentType, payment, payment_date

✓ 2. Finalized Normalized Relations

1NF to 3NF – Normalized Relations

User(id, fname, lname, email, mobile, password, state, city, address, create_date)
→ PK: id

Admin(id, name, email, mobile, password, create_date)
→ PK: id

Category(id, category_name, status)
→ PK: id

Package(id, cate_id, PackageName)
→ PK: id, FK: cate_id → Category(id)

AddPackage(id, package_id, titlename, PackageType, PackageDuration, Price, uploadphoto, Description, create_date)
→ PK: id, FK: package_id → Package(id)

Booking(id, package_id, userid, booking_date, payment, paymentType)
→ PK: id, FK: package_id → AddPackage(id), FK: userid → User(id)

Payment(id, bookingID, paymentType, payment, payment_date)
→ PK: id, FK: bookingID → Booking(id)

✓ 3. SQL Database Tables and Sample Queries

Tables already created — but here's improvement with FKs:

```
sql
CopyEdit
ALTER TABLE `tblpackage`
ADD CONSTRAINT `fk_package_category` FOREIGN KEY (`cate_id`) REFERENCES
`tblcategory`(`id`);

ALTER TABLE `tbladdpackage`
ADD CONSTRAINT `fk_addpackage_package` FOREIGN KEY (`package_id`) REFERENCES
`tblpackage`(`id`);

ALTER TABLE `tblbooking`
ADD CONSTRAINT `fk_booking_user` FOREIGN KEY (`userid`) REFERENCES
`tbluser`(`id`),
ADD CONSTRAINT `fk_booking_addpackage` FOREIGN KEY (`package_id`) REFERENCES
`tbladdpackage`(`id`);

ALTER TABLE `tblpayment`
ADD CONSTRAINT `fk_payment_booking` FOREIGN KEY (`bookingID`) REFERENCES
`tblbooking`(`id`);
```

Sample SQL Queries

1. View All Bookings with Payment Info

```
sql
CopyEdit
SELECT u.fname, u.lname, ap.titleName, b.booking_date, p.payment,
p.paymentType
FROM tblbooking b
JOIN tbluser u ON b.userid = u.id
JOIN tbladdpackage ap ON b.package_id = ap.id
JOIN tblpayment p ON b.id = p.bookingID;
```

2. Get all packages in a category

```
sql
CopyEdit
SELECT ap.titleName, ap.PackageType, ap.Price
FROM tbladdpackage ap
JOIN tblpackage p ON ap.package_id = p.id
JOIN tblcategory c ON p.cate_id = c.id
WHERE c.category_name = 'Weight Loss';
```

3. List all users and their bookings

```
sql
CopyEdit
SELECT u.fname, u.email, ap.titleName, b.booking_date
FROM tbluser u
JOIN tblbooking b ON u.id = b.userid
JOIN tbladdpackage ap ON b.package_id = ap.id;
```

4. Count total users and total bookings

```
sql
CopyEdit
SELECT
    (SELECT COUNT(*) FROM tbluser) AS total_users,
    (SELECT COUNT(*) FROM tblbooking) AS total_bookings;
```

✓ 4. Comprehensive Implementation Details

Modules

User Module

- **Registration** → tbluser
- **Login** → Validate against email and password in tbluser
- **Booking** → Insert into tblbooking
- **View Booking History** → Join tblbooking, tblpayment, tbladdpackage
- **Edit Profile** → Update tbluser
- **Change Password** → Update tbluser.password

Admin Module

- **Dashboard** → Use COUNT(*) queries for tblbooking, tblpackage, etc.
- **Manage Categories** → CRUD on tblcategory
- **Manage Package Type & AddPackage** → CRUD on tblpackage and tbladdpackage
- **Booking Verification & Payment Tracking** → Join tblbooking and tblpayment
- **Reports** → Use WHERE booking_date BETWEEN ... AND ...
- **Admin Profile & Password** → Update tbladmin