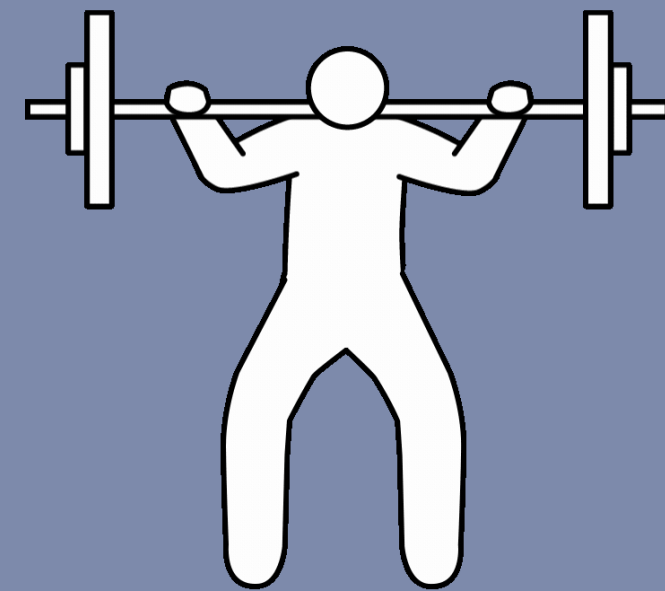


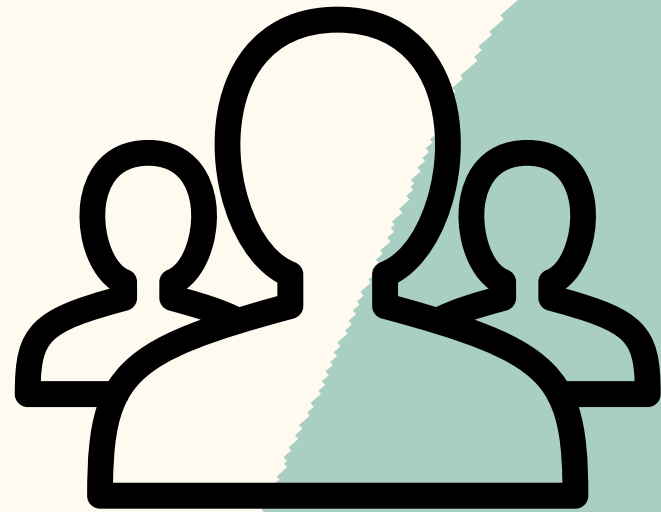
PROJECT EXHIBITION II

(Final Review/Group 303)

Project Guide: Dr. Sambasivam G

GYM MANAGEMENT SYSTEM





TEAM MEMBERS

**STUTI
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Welcome to our presentation on the Gym Management System. Our project aims to provide an efficient and user-friendly way to manage gym operations. In this presentation, we will discuss the proposed work and methodology, and showcase the implementation, testing and results of the system.

WHY?

With the best facilities for fitness, physical activity, and bodybuilding available to our culture, gyms have become an essential part of life for a lot of people. As a result, maintaining the records of each individual, including trainers, trainees, and staff, requires certain management-side actions. However, keeping paper records is quite challenging. Most gyms usually use a manual system to record data. The UI of the current system is not user-friendly. The information about the members is manually written down and kept track of. Therefore, a computerized system that handles all of these is required.

Existing Manual System

- ☀ No proper system/management.
- ☀ Time-consuming and Inefficient.
- ☀ Requires more manpower as the system is manual.
- ☀ Important information can be missed while writing on a page.
- ☀ Very likely to have an error.
- ☀ Everything is done on paper, which is very prone to damage and needs a lot of storage space and security.

PROPOSED WORK

The proposed gym management system aims to automate and streamline the operations of a gym by providing a user-friendly interface that gym administrators can use to easily manage various aspects of their gym, such as member registration and updation of plans/packages, etc.

This system will help to improve the overall efficiency of gym operations, provide a better customer experience for members, and help gym managers to focus on other important aspects of managing their gym.

- ❏ Proper system to save the record in the database.
- ❏ Fast and easy to use.
- ❏ Full fledge information system.
- ❏ Efficient and proper availability.
- ❏ Less time consuming.

OBJECTIVE

- To design and develop a comprehensive gym management system that automates key gym operations, such as member management, class scheduling, and other important operations.
- To provide an efficient and user-friendly way to manage gym operations.
- To eliminate time-consuming data entry and get rid of the paperwork/manual system in the fitness centres.
- To reduce the need for manpower to maintain records
- To provide secure storage for records with easy retrieval.

METHODOLOGY

1. Analyze the current manual gym management system and identify its limitations.
2. Gather requirements for the proposed system.
3. Design the system architecture and database schema.
4. Develop the system using suitable software tools and technologies.
5. Test the system for functionality, usability, and security.
6. Implement the system and provide staff and client training.
7. Conduct ongoing maintenance and updates to ensure the system's continued effectiveness.



NOVELTY OF THE PROJECT

User-Friendly Interface

The gym management system will have a simple and user-friendly interface, allowing gym staff to quickly add, edit, and delete member records, and make it easy for administrators and members to navigate and use the system

Membership Management

The system will have a membership management module that will allow gym staff to manage the memberships of the gym members, including tracking the start and end dates of the memberships,

Packages:

The system will provide an easy way to manage different gym packages and plans, including monthly subscriptions, one-time fees, and special promotions.

and more...





Hardware Requirements

- Processor: Intel Core i3 or above
- Processor Speed: 1.8 GHz or higher
- RAM: 2 GB or above
- Hard Disk: 50 GB or above
- Display Monitor: 15-inch or above with 1024x768 resolution
- Input Devices: Keyboard and Mouse
- Internet connection: Broadband or faster

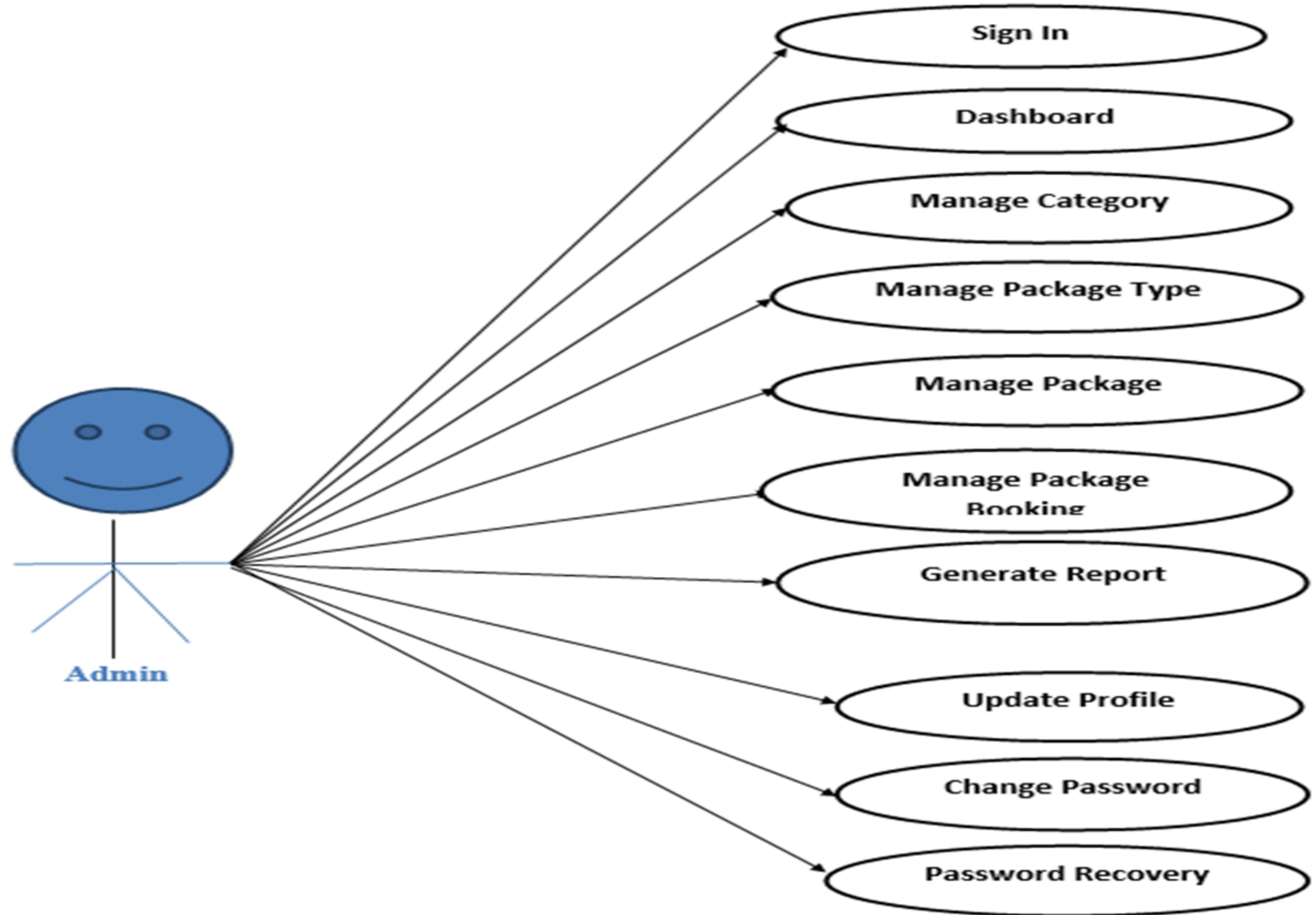


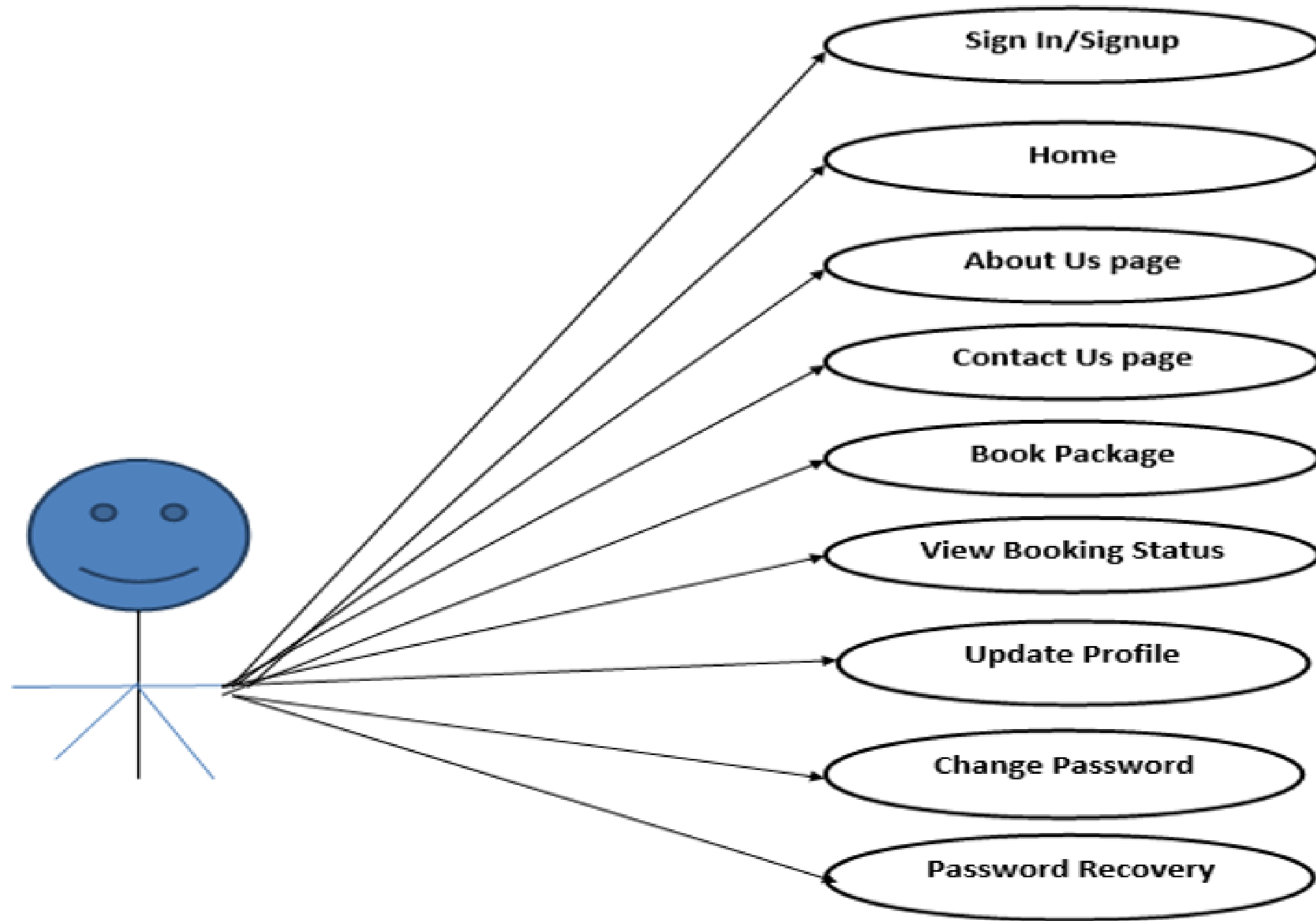
Software Requirements

The project will be created under the domain of Web development.

- Operating System: Windows (version 7 or higher) or any equivalent OS
- Web Browser: Google Chrome or any compatible browser.
- Client-side scripting language: HTML, CSS, JavaScript
- Server-side scripting language: PHP
- Tools: Bootstrap, jQuery
- Database: MySQL
- Text editor or IDE: Visual Studio Code
- Web Server: XAMPP (or any other server that supports PHP and MySQL)

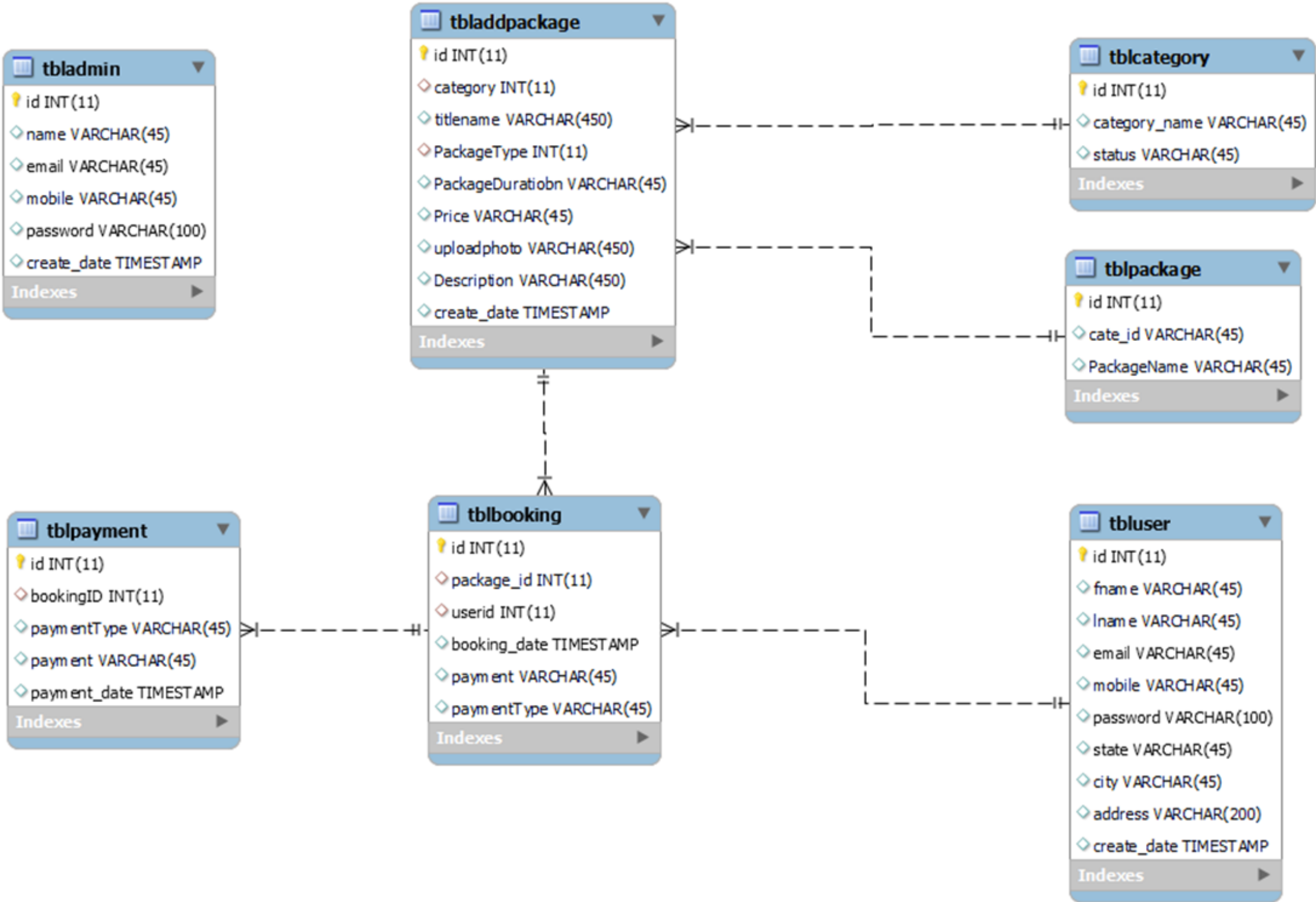
Use Case Diagram: Admin

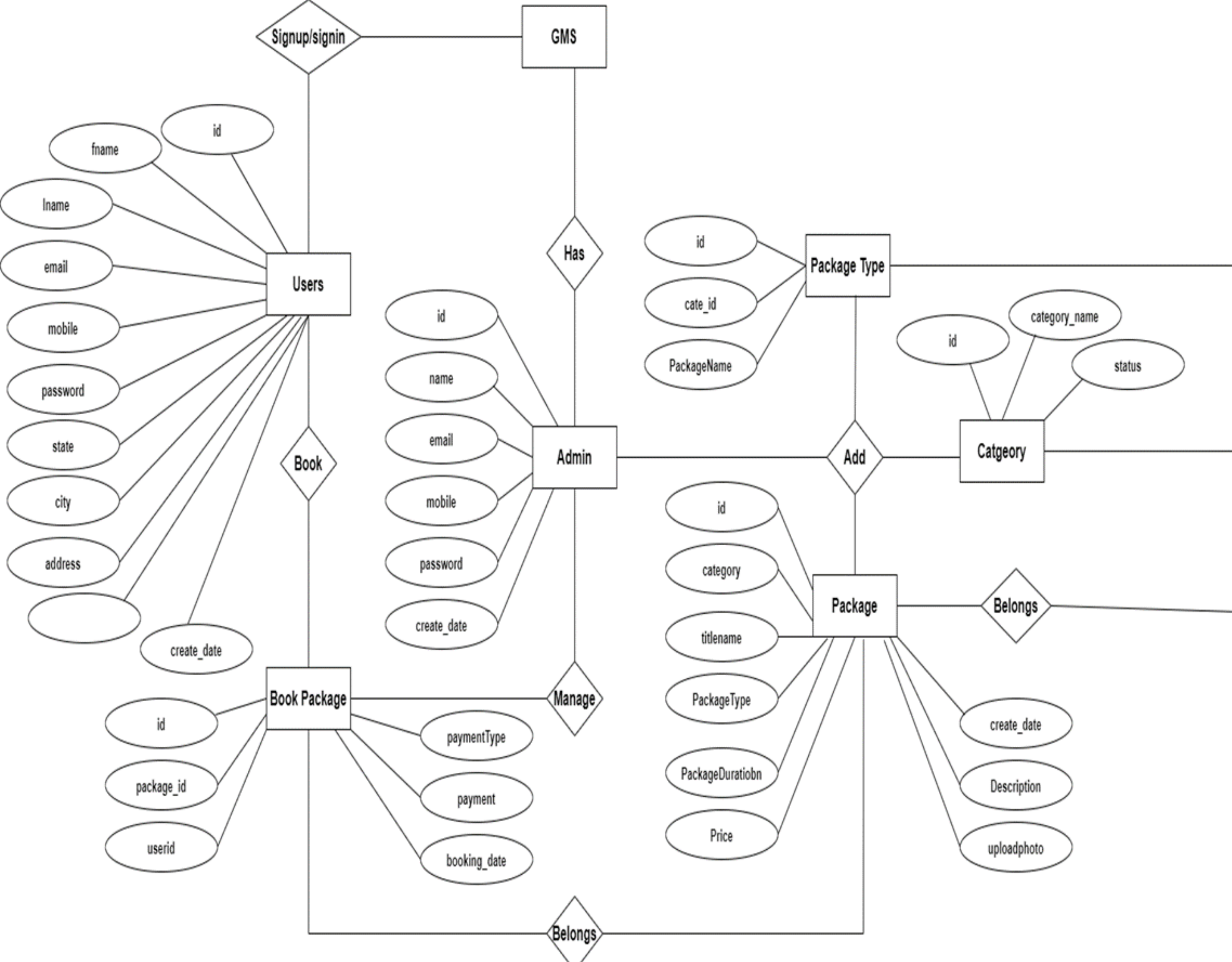




Use Case Diagram: User

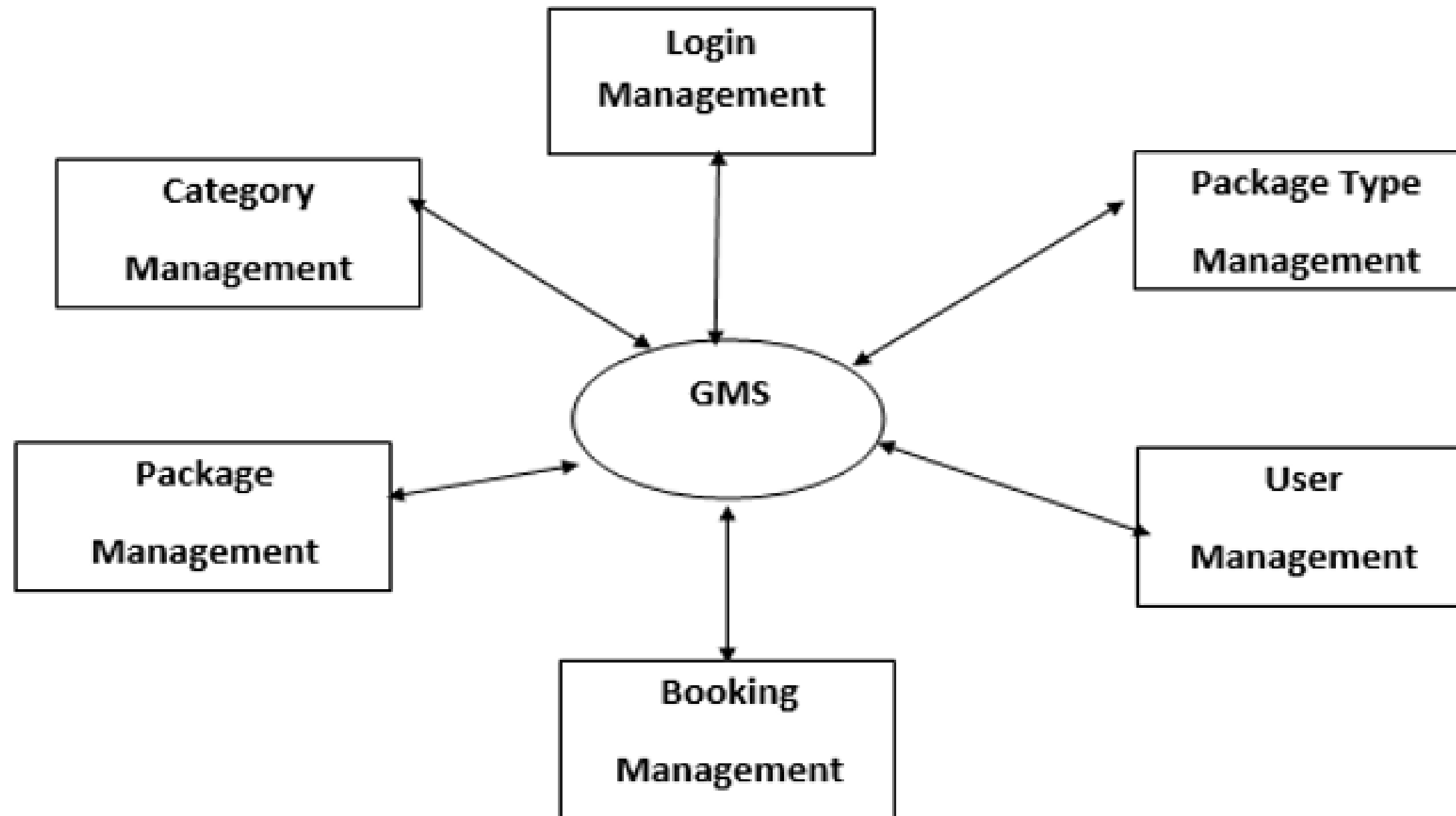
Class Diagram



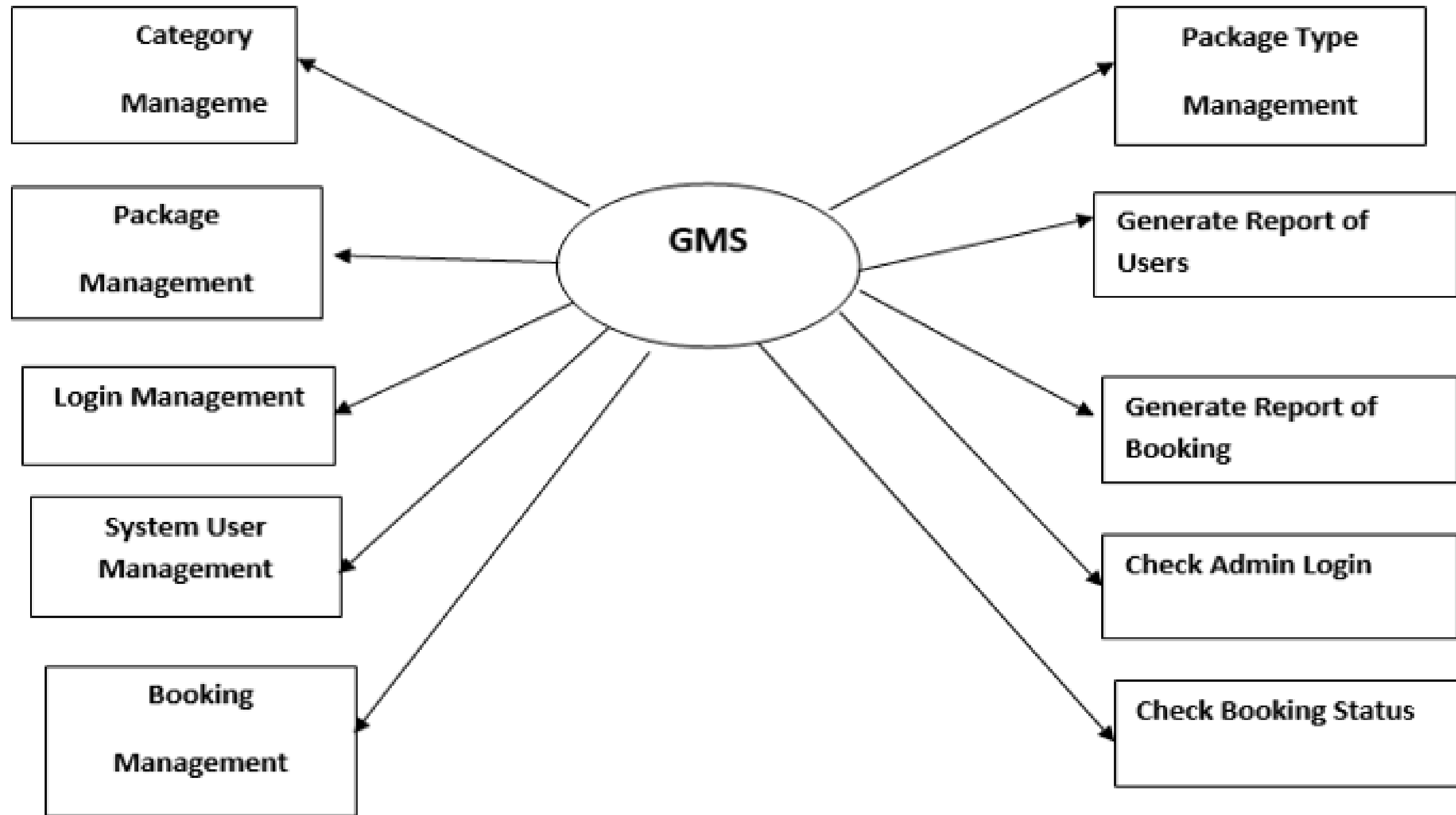


ER Diagram

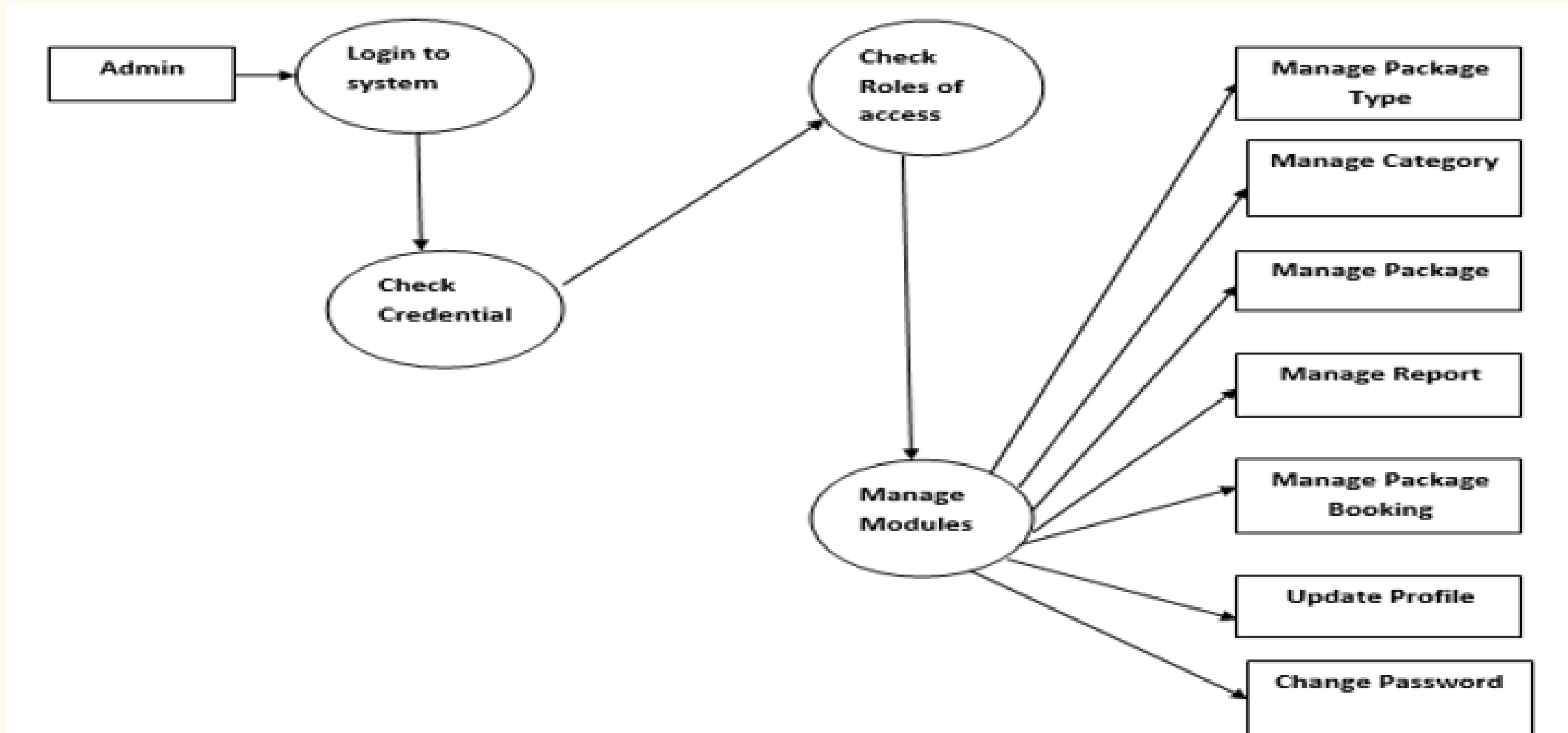
ZERO LEVEL DFD



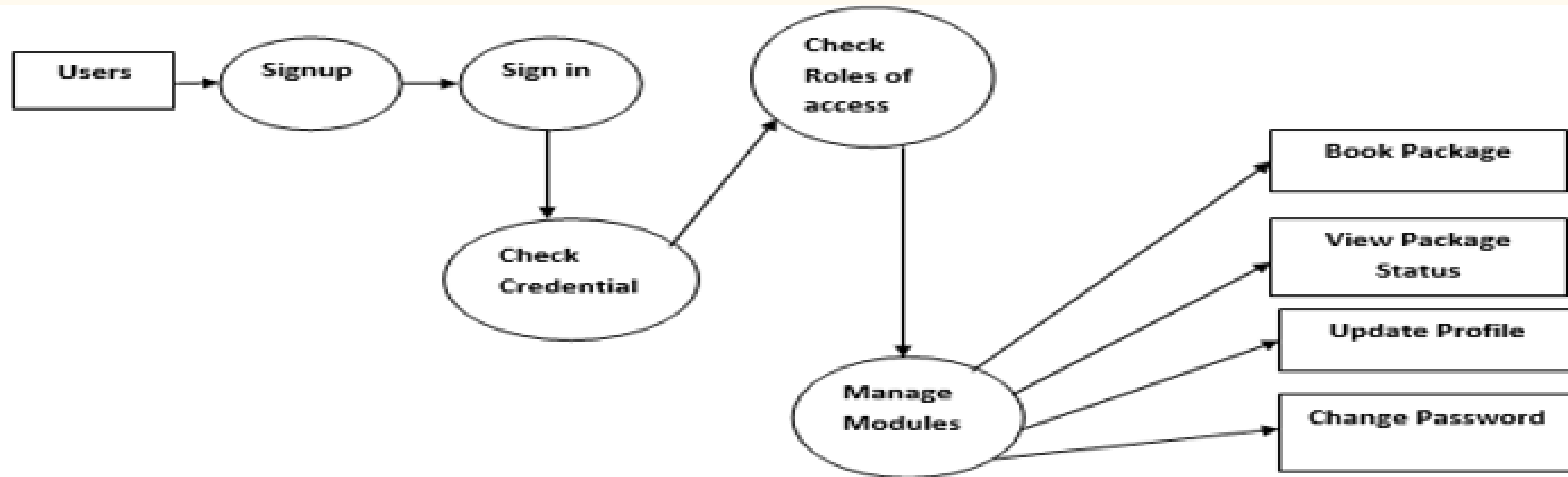
FIRST LEVEL DFD



SECOND LEVEL DFD: ADMIN



SECOND LEVEL DFD: USER



PROJECT MODULES



USER

ADMIN

USER MODULE

Users can visit the website and apply for gym packages.

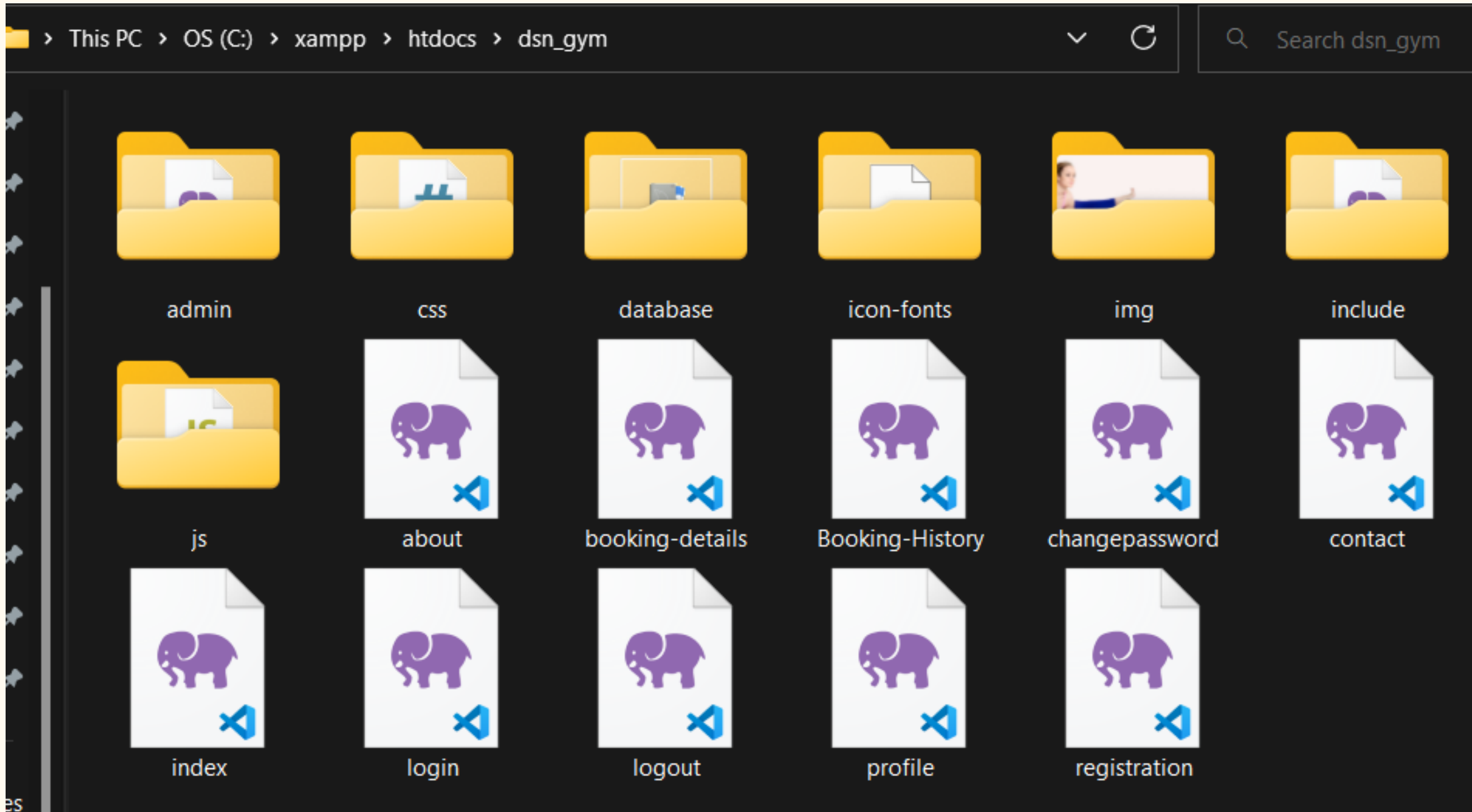
- **Registration:** One-time Registration is required to apply for any gym package.
- **Login:** After registration, the user can log in and apply for the gym package.
- **Booking History:** In this section, users can see booked packages and payment details also.
- **Profile:** In this Section, User can update their profile.
- **Change Password:** In this section, user can change their own password.

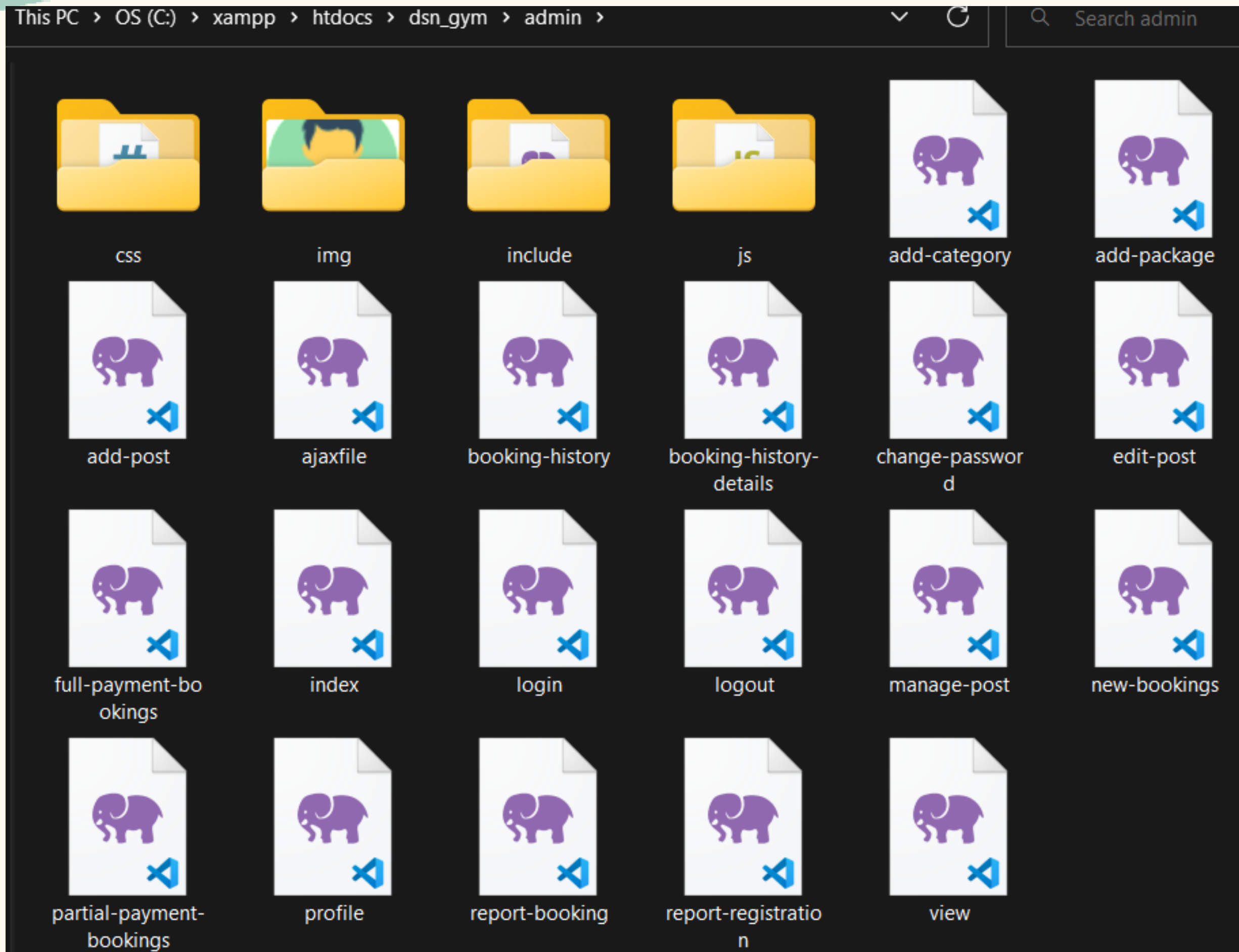
ADMIN MODULE

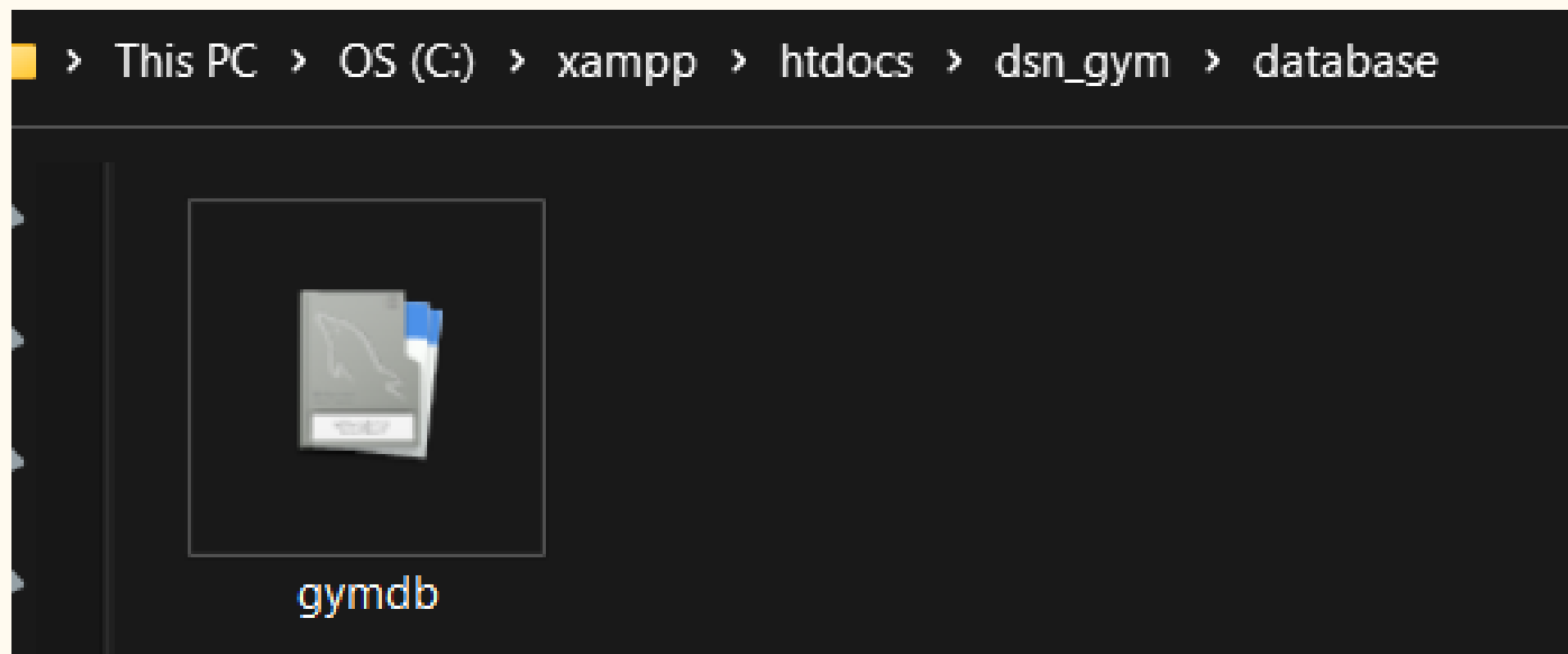
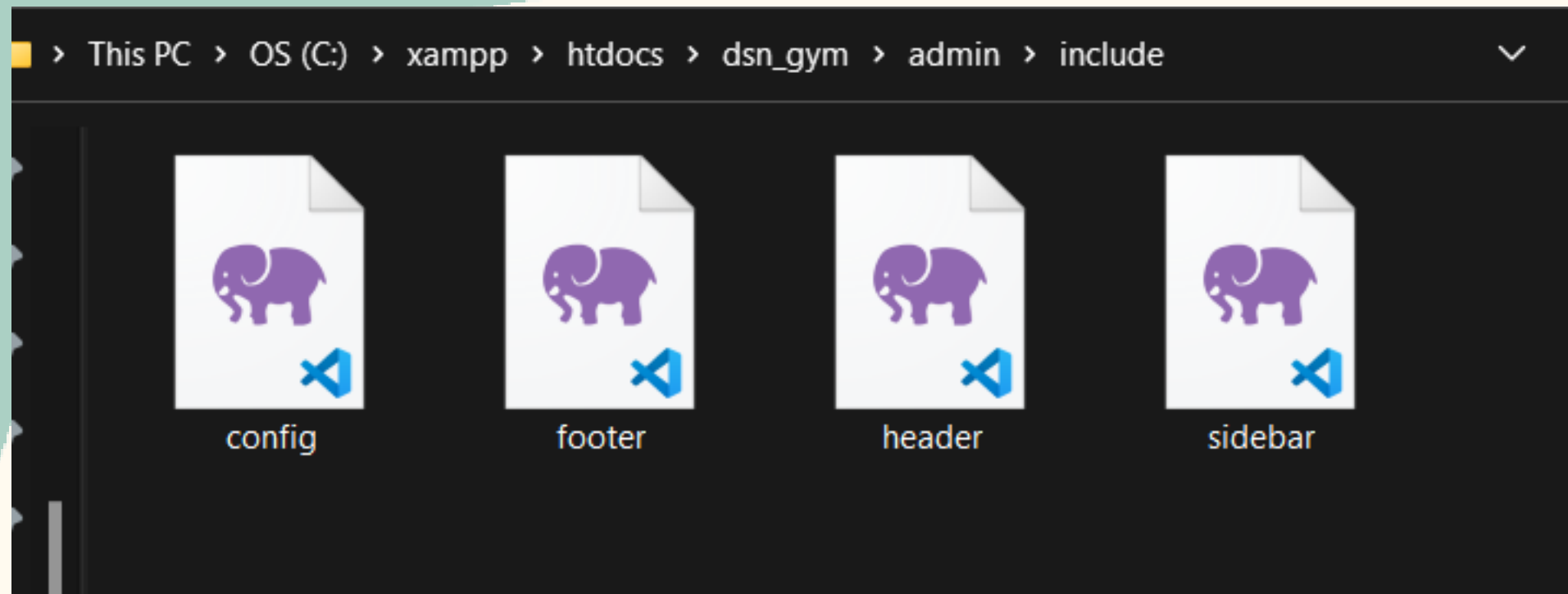
Admin can also update his profile, change the password and recover the password.

- **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, the 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.

Implementation of The Project







Screenshots of the Project

HOME

Physical Activity Can Improve Your Health



PRICING PLANS

Fitness is more than just a physical activity - it's a way of life!

Fitness is more than just a physical activity - it's a way of life.

FREE FITNESS GEAR PACKAGE

600

3 MONTH

Free Fitness Gear Complimentary OnePass

BOOKING NOW

3 MONTHS MEMBERSHIP PACKAGE

800

6 MONTH

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.

BOOKING NOW

NAMASTE YOGA

3000

4 MONTH

Namaste Yoga

Unwind and rejuvenate your body and mind with our Namaste Package. This quarterly package includes access to our yoga studio, personalized coaching, and a nutrition plan. Sign up today and discover the transformative power of yoga.

BOOKING NOW



ABOUT GYM MS



ABOUT US

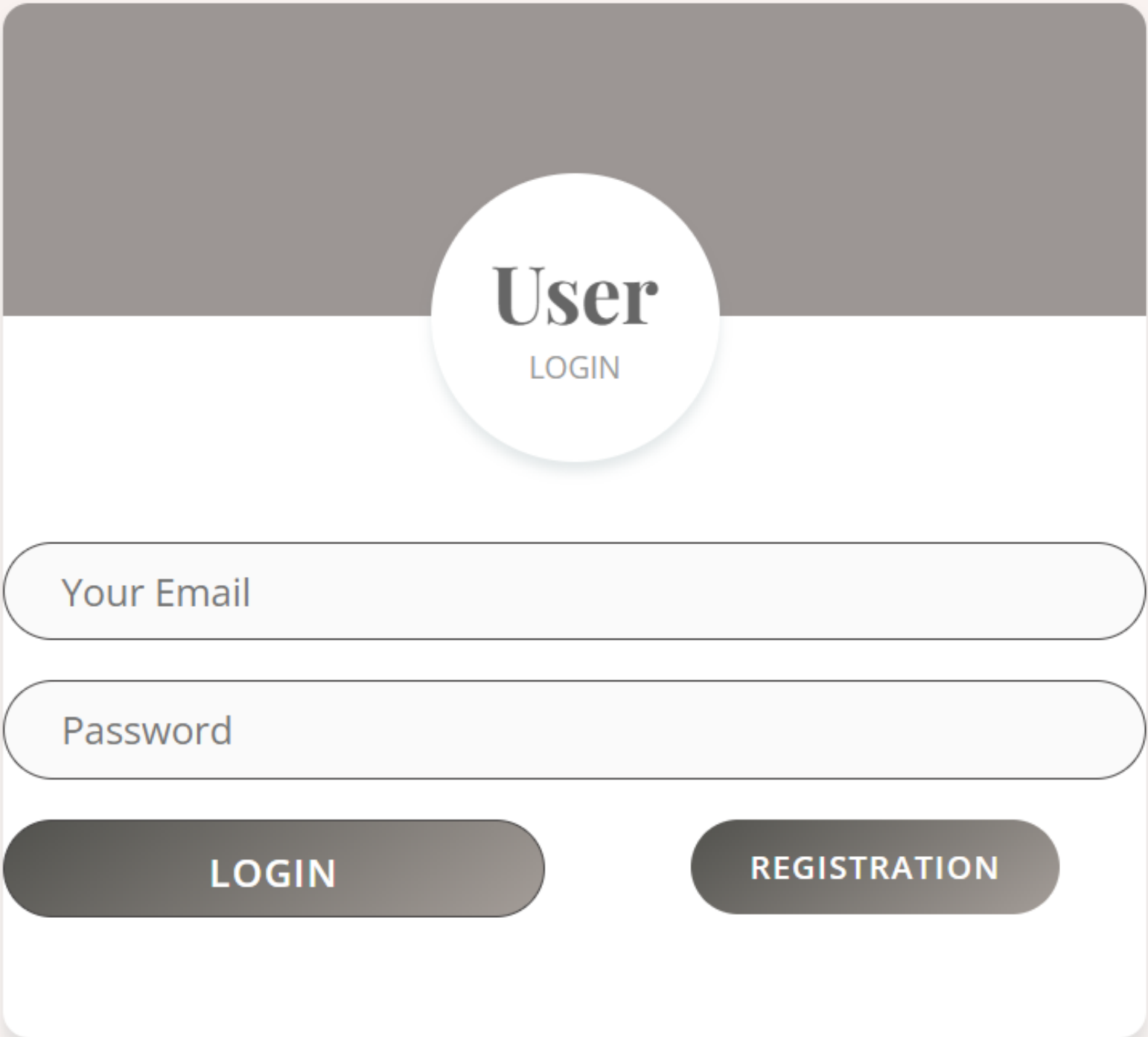
Hola! Gym MS is a leading fitness destination in Chandigarh. Our state-of-the-art facilities, expert coaching, and innovative programming are designed to help our members achieve their fitness goals and maintain a healthy lifestyle. We offer a range of classes, personalized training programs, and a welcoming community to support and inspire our members. Join us at Gym MS and start living your best life.

CONTACT US

Email: msfitnessgym@gmail.com

Contact No: 0000000000, XXXXXXXXXX

Address: Chandigarh, India.



A login form titled "User LOGIN" is centered on a light beige background. The form itself has a white background with rounded corners and a subtle drop shadow. At the top of the form is a dark gray header bar. Below this bar, the word "User" is written in a large, bold, black serif font, with "LOGIN" in a smaller, gray, sans-serif font directly underneath. Below the title are two input fields: "Your Email" and "Password", both with light gray backgrounds and rounded ends. At the bottom of the form are two buttons: "LOGIN" and "REGISTRATION", both with dark gray backgrounds and rounded ends. The "LOGIN" button is on the left and the "REGISTRATION" button is on the right.

User
LOGIN

Your Email

Password

LOGIN

REGISTRATION

stuti

stuti@gmail.com

Himachal Pradesh

.....

REGISTER NOW

sharma

0101010101

Kangra

.....

BOOKING HISTORY

Sr.No	bookingdate	title	PackageDuration	price	Description	category_name	PackageName	Action
1	2023-02-15 11:56:49	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	Package1	View
2	2023-02-15 11:56:25	Namaste Yoga	4 Month	3000	Namaste Yoga Unwind and rejuvenate your	Category1	Package1	View

CHANGEPASSWORD

Old Password

New Password

Confirm Password

SUBMIT

GSMS / Admin login

 SIGN IN

Email

PASSWORD

SIGN IN

[Back to Home Page](#)

G2MMS / Admin login

 **SIGN IN**

Email


admin@gmail.com

PASSWORD


••••••••


SIGN IN


[Back to Home Page](#)


 Dashboard


[🏠](#) / [Dashboard](#)


 LISTED CATEGORIES
2


 LISTED PACKAGE TYPE
2

 LISTED PACKAGES
3

 TOTAL BOOKINGS
5

 NEW BOOKINGS
1

 PARTIAL PAYMENT BOOKINGS
2

 FULL PAYMENT BOOKINGS
2

Welcome : Admin 

 Change Password

 Profile

 Logout

Change Password

Old Password

New Password

Confirm Password

Submit

Profile

Name

Email

Mobile No

Categories

Add Category

Enter Add Category

Submit

Show 10 entries

Search:

Sr.No↑↓	Name↑↓	Action↑↓
1	Category1	Delete
2	Category2	Delete

Showing 1 to 1 of 1 entries

Package Types

Add Category

--select--

Add Package

Enter Add Package

Submit

Show 10 entries

Search:

Sr.No	Category	Package	Action
1	Category1	Package1	Delete
2	Category2	Package2	Delete

Showing 1 to 1 of 1 entries

Add Package

Category

--select--

Title Name

Enter your Title Name

Price

Enter your Price

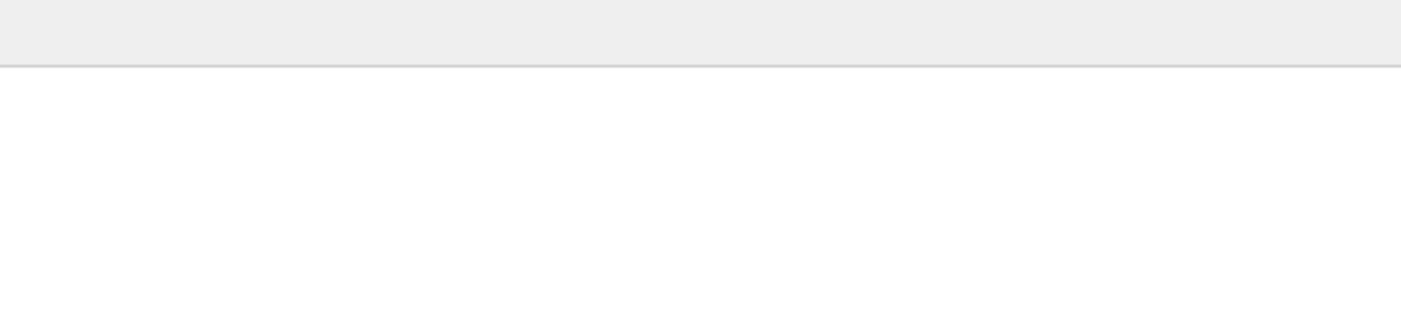
Package Type

--select--

Package Duration

Enter Package Duration

Description



The screenshot shows a web browser window with a white background. At the top, there is a light gray toolbar with various icons for text formatting (bold, italic, underline, bulleted list, numbered list, decrease indent, increase indent, link, unlink, undo, redo) and font settings (font size, font family, font format). Below the toolbar is a large white text area. At the bottom of the browser window, a developer console is open, displaying a red error message: "Uncaught SyntaxError: Invalid or unexpected token". The error message is in a red font, and the text "Uncaught SyntaxError: Invalid or unexpected token" is visible. The console also shows a stack trace with the file path "C:\Program Files\Google\Chrome\Application\chrome.exe" and the line number "1".

Submit

Manage Packages

Show 10 entries

Search:

Sr.No	Category	Package Type	Title	Package Duration	Price	Action
1	Category1	Package1	Free Fitness Gear Package	3 Month	600	Edit
2	Category1	Package1	3 Months Membership Package	6 Month	800	Edit
3	Category1	Package1	Namaste Yoga	4 Month	3000	Edit

Showing 1 to 1 of 1 entries

Booking Report

From Date

dd-mm-yyyy



To Date

dd-mm-yyyy



Submit

Registration Report

From Date

dd-mm-yyyy



To Date

dd-mm-yyyy



Submit



Thank you!