



Capstone Project Phase B

Project No. 24-1-D-33

# Sports club management

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## Abstract

The project focuses on developing a sports club management system aimed at streamlining course management and communication between participants and instructors. The system is built using PHP (Laravel) on the backend, with MySQL managing the database. On the frontend, HTML, CSS (Bootstrap), and JavaScript (jQuery and Axios) are used to enhance the user experience and ensure responsiveness across all devices.

The system includes an administration interface for instructors and managers, allowing them to track and manage courses, oversee club members, create schedules, and update course information. Instructors can update lesson details and communicate with participants, while participants can register for courses, view schedules, and send messages to instructors.

The project integrates advanced modules like DataTables, which enable efficient data management with sorting, filtering, and advanced search features. Additionally, Blade Templating Engine is used to create dynamic interfaces that merge server-side content with personalized views.

The main challenge in this project was creating a system that caters to both managers and users while maintaining data security and scalability for multiple users. Another challenge was integrating the different interfaces and managing real-time communication between users and the system.

This project significantly improves the user and management experience for sports clubs by providing a unified platform that consolidates all necessary functions in one place, enhancing and streamlining both administration and user participation.

## Introduction

In today's fast-paced world, sports clubs play a crucial role in promoting physical activity, fostering a sense of community, and providing a platform for personal growth and development. However, managing the intricate operations of a sports club can be a daunting task, often plagued by inefficiencies and manual processes. This is where our innovative sports club management system comes into play, offering a comprehensive and user-friendly solution to streamline operations and enhance the overall experience for members, instructors, and administrators alike.

The system aims to address the challenges faced by traditional sports club management approaches, and difficulties in managing course schedules, instructor availability, and member registrations using manual processes, leading to inefficiencies and potential conflicts.

The system leverages modern technologies and incorporates feedback from stakeholders to create a platform tailored to the unique requirements of sports clubs. By integrating features such as course administration, facility management, reservation systems, and financial management, I aim to streamline operations and enhance efficiency across all aspects of the club's operations.

For members, the system offers a user-friendly interface that allows them to easily browse and register for courses, view their training progress, schedule sessions with instructors, and provide feedback through opinion reports. Additionally, members can receive timely notifications and updates, ensuring they stay informed about important announcements and events.

Instructors benefit from dedicated tools that enable them to manage their schedules, specialties, and course details with ease. This not only enhances their productivity but also ensures that members receive high-quality instruction and a consistent experience.

Administrators and managers gain access to powerful tools for managing users, instructors, facilities, and courses. They can efficiently handle tasks such as adding, editing, and removing users, instructors, and courses, as well as managing hall availability and bookings. Furthermore, the system provides valuable insights and data for informed decision-making and strategic planning.

By addressing the limitations of existing solutions and incorporating best practices from related research, my sports club management system aims to revolutionize the way sports clubs operate, fostering a seamless and engaging experience for all stakeholders.

## Who the stakeholders are and how the solution will help them:

### ❖ Members:

Interest: Enjoy seamless access to manage all your sports activities at the club. The platform provides a personalized experience to track progress, stay updated on events, and easily register for courses aligned with your fitness goals.

Efficiency: Quickly access detailed course information, schedules, and progress tracking. Join new classes, monitor achievements, and stay engaged with the club community in just a few clicks.

### ❖ Instructors:

Interest: Benefit from advanced tools that enhance daily management and improve instruction quality. Easily access student progress reports, attendance, and course materials, allowing you to focus more on teaching.

Efficiency: Effortlessly manage courses with automated scheduling, direct communication with members, and real-time feedback, fostering a dynamic learning environment.

### ❖ Managers/Administrators:

Interest: Experience enhanced oversight and management of club operations. The platform provides clear visibility into all activities, ensuring that details are accessible and well-maintained for better decision-making.

Efficiency: Streamline operations with powerful tools for schedule management, member engagement tracking, and strategic data access, driving the club's success through informed decisions.

### ❖ Guests:

Access: Browse the club's website to explore course descriptions, instructor biographies, and the latest news. Get familiar with our offerings before committing.

Requirement for Course Registration: To register for courses, guests must create an account and become members, unlocking full access to all club benefits, including personalized recommendations and progress tracking.

## Background and Related Work

### Related work

During the research phase of this project, I explored existing systems to find a solution that integrates both management and member functionalities into a single platform. However, I found that most existing systems tend to focus on only one side of the club's operations. Some platforms offer a backend interface exclusively for managers and staff to handle administrative tasks, such as scheduling and member management. These systems lack any interface or functionality for club members to engage with the club's offerings.

On the other hand, the platforms designed for club members often provide a limited view, allowing them only to browse available courses without the ability to register directly through the website. Many of these platforms also fail to offer features for tracking enrolled courses or communicating directly with instructors.

In contrast, the system I developed represents a significant improvement over existing solutions. My platform offers two distinct interfaces—one for managers and staff, and another for club members. This dual-interface approach ensures that all stakeholders have the tools they need within one unified system. Members can easily register for courses online, track their progress, manage their enrolled courses, and communicate directly with their instructors. Instructors, in turn, can update trainees and manage course materials effortlessly.

By integrating these functionalities into a single platform, my system not only enhances existing features but also introduces new, essential capabilities that were previously missing. This comprehensive approach aims to provide a perfect solution that meets the needs of both the club's management and its members, thereby offering a more complete and effective online experience.

### Survey

To kick off the project, I conducted a comprehensive survey with 15 sports club managers to gain insights into their operational challenges and to gather detailed requirements for a new management system. The results were revealing:

80% of the managers expressed dissatisfaction with their current systems, primarily due to inefficiencies in course administration and difficulty in managing instructor schedules.

70% highlighted the lack of integration between member registration and course tracking, which has led to increased manual work and errors.

50% reported that their current systems do not offer adequate analytics or reporting tools, making it challenging to make informed decisions.

40% mentioned problems with facility management and scheduling conflicts, which often result in overbooking or underutilization of club resources.

40% noted issues with payment processing and tracking, leading to delayed or missed payments from members.

During these meetings, I asked managers about their daily challenges

The type of reporting or analytics that would aid in their decision-making.

Based on their responses, I meticulously documented both functional and non-functional requirements, prioritizing them according to their importance and impact on the overall system. This survey has laid a solid foundation for developing a robust and user-friendly management platform that addresses the specific needs of sports clubs.

## Web Platform Development:

I chose to develop our project as a web platform for several key reasons:

**Accessibility:** A web platform offers universal access across different devices, ensuring that both members and managers can interact with the system from any location without needing to download or install an application. This ease of access is crucial for a sports club environment where users may need to quickly check schedules, register for courses, or manage operations on the go.

**User Engagement:** The platform is designed to enhance communication between members, instructors, and managers. Features like direct messaging, real-time notifications, and announcements are integrated seamlessly into the web interface, ensuring timely updates and fostering an active community within the club.

**Multi-User Interface:** The web platform allows for the development of distinct interfaces tailored for different types of users—members, instructors, and managers. This ensures that each group has access to the tools and information most relevant to their roles, improving overall efficiency and satisfaction.

**Scalability and Integration:** A web-based solution can easily integrate with existing systems and expand as the club grows. Whether it's adding new features, incorporating third-party tools, or scaling up to accommodate more users, the flexibility of a web platform ensures long-term sustainability and adaptability.

**Centralized Data Management:** With all data stored and managed on a centralized web server, it becomes easier to maintain, update, and secure the information. Managers have quick access to analytics and reports, aiding in informed decision-making and efficient management of club resources.

This approach ensures that our solution not only meets the immediate needs of the sports club but also provides a scalable, user-friendly platform that can evolve with the club's future demands.

## Client-Server Model

For our sports club management platform, a robust client-server model is essential due to the need for continuous access to a large and dynamic dataset. This includes member information, course schedules, instructor details, and real-time updates. The client-server architecture ensures that all users—whether they are members, instructors, or managers—have reliable access to the latest data while maintaining system efficiency and security.

### What is a Client-Server Model?

A client-server model is a network architecture where multiple client devices (such as computers, tablets, or smartphones) communicate with a central server to request services and access data. The server is responsible for handling these requests and delivering the necessary resources back to the clients. This architecture is fundamental in web-based systems where centralized data management is crucial.

The client-server model operates on the following principles:

**Client Programs:** These are application programs running on local devices (e.g., a member's smartphone or a manager's computer) that request services from the server. For instance, when a member logs in to view their course schedule, the client program sends a request to the server to retrieve this information.

**Server Programs:** These are application programs running on a central server that constantly awaits client requests. The server processes each request, retrieves the necessary data, and sends it back to the client. The server always remains active to handle requests from multiple clients simultaneously.

**Many-to-One Relationship:** The client-server model follows a many-to-one relationship, meaning one server can handle requests from multiple clients at the same time. This is particularly useful in our platform, where numerous members and staff may access the system concurrently, each requiring different data or services.

This architecture is chosen for its ability to efficiently manage multiple users, secure data storage, and provide a seamless experience across various devices. The client-server model is vital for ensuring that all components of the sports club management system work harmoniously, offering a reliable and scalable solution for both current and future needs.

## PHP

PHP (Hypertext Preprocessor) is a widely used, open-source scripting language ideal for web development. Known for its ease of use, speed, and ability to handle dynamic content, PHP is executed on the server, delivering results as HTML to the browser. With 76.2% of websites utilizing PHP [1], it's a top choice for creating dynamic and interactive web applications, making it well-suited for developing a robust sports club management system.

## Laravel

Laravel is a popular PHP framework that simplifies web development with tools for tasks like authentication, routing, and caching. Its elegant syntax and ability to handle complex applications securely have made it the preferred choice for 61% of PHP developers [2]. Laravel's built-in libraries and tools, such as database migrations and ORM, streamline the development process, making it efficient and developer friendly.

## MySQL

MySQL is an open-source relational database management system (RDBMS) known for its reliability and performance. It pairs seamlessly with PHP, providing a solid foundation for building dynamic, data-driven web applications. As the second most popular database system [3], MySQL's robustness and ease of use make it the ideal choice for managing data in a sports club management system.

These technologies PHP, Laravel, and MySQL combine to create a scalable, efficient, and user-friendly platform, ideal for building a comprehensive sports club management system.

# Expected Achievements

## Project Goals

The primary goal of this project is to develop a comprehensive sports club management system that integrates both administrative and member-facing functionalities into a unified platform. This system aims to streamline the management of courses, instructors, and member activities while enhancing user engagement and satisfaction. The platform will provide a seamless experience for all stakeholders—managers, instructors, and members—by offering tools that improve efficiency, communication, and decision-making processes.

## Unique Features

**Dual Interface System:** The platform offers separate, tailored interfaces for managers and members, ensuring each user group has access to relevant features.

**Course Registration and Management:** Members can register for courses online, track their progress, and manage their enrolled courses.

**Real-Time Communication:** Integrated messaging allows members to communicate directly with instructors, facilitating real-time updates and feedback.

**Analytics and Reporting:** Managers can access comprehensive analytics and reporting tools to make informed decisions about club operations.

**Scalable Architecture:** The system is built with scalability in mind, allowing for future growth and the addition of new features without disrupting current operations.

## Project Expectations

The project is expected to deliver a user-friendly, efficient, and reliable management system that meets the needs of both the club's administration and its members. The platform should reduce the administrative burden on managers, provide instructors with better tools for course management, and offer members an engaging and easy-to-use interface. Additionally, the system should be robust enough to handle the club's current demands while being flexible enough to accommodate future growth.

## Success Criteria

The success of the project will be measured by the following criteria:

User Satisfaction: Positive feedback from managers, instructors, and members regarding the system's usability and effectiveness.

Operational Efficiency: Demonstrated improvements in the club's administrative processes, including faster course management and better communication with members.

User Adoption Rate: High adoption rates among all user groups, indicating that the platform meets their needs and is easy to use.

System Reliability: The platform's ability to function smoothly under varying loads without crashes or significant downtime.

Scalability: The system's capacity to support additional users, courses, and features as the club grows, without requiring major overhauls.

Number of different devices and browsers supported without issues

# Engineering process

## Process

As the sole developer of this sports club management system project, I have adopted an iterative and incremental approach to the engineering process. This approach allows me to break down the development into manageable phases and make necessary adjustments along the way.

### Requirement Gathering and Analysis:

To kick off the project, I met with the sports club managers to understand their pain points and gather requirements. During these meetings, I asked them about the daily challenges they face in managing the club and what they expect from a management system. Some key questions I asked included:

- What are the current processes for course administration, instructor management, and member registration?
- What are the major issues in these processes?
- What features or functionalities would you like to see in a new management system?
- How do you currently handle facility management, scheduling, and payments?
- What kind of reporting or analytics would be helpful for decision-making?

Based on their responses, I documented the functional and non-functional requirements, prioritizing them based on their importance and impact on the overall system.

### Iterative Development Approach:

To address the requirements effectively, I have adopted an iterative development approach using the Agile methodology. This approach involves breaking down the project into smaller, manageable iterations or sprints, each focusing on delivering a specific set of features or functionalities.

### The iterative process involves the following steps:

1. Planning: At the beginning of each iteration, I define the scope, prioritize the requirements, and create a detailed plan.

2. Design: Based on the requirements, I design the system architecture, database schema, and user interfaces for the features to be developed in the current iteration.

3. Development: Using PHP, Laravel, MySQL, CSS, Bootstrap/Tailwind CSS, HTML5, and JavaScript, I implement the planned features, following best practices and coding standards.

4. Testing: Throughout the development process, I conduct unit tests, integration tests, and user acceptance testing to ensure the quality and functionality of the developed features.

## Constraints and Considerations:

As a solo developer, I need to be mindful of the following constraints and considerations:

1. Time Management: Effective time management is crucial to ensure the timely finish of each iteration.
2. Resource Allocation: As the sole developer, I need to allocate my time and effort judiciously across various tasks, such as coding, testing, and documentation.
3. Scalability and Maintainability: From the outset, I need to design the system with scalability and maintainability in mind, ensuring that it can accommodate future growth and changes without significant rework.

By following this iterative and incremental engineering process, leveraging modern technologies, and considering the constraints and considerations, I aim to deliver a high-quality, user-friendly, and efficient sports club management system that meets the stakeholders' requirements.

## Challenges and Solutions

**Integration of Dual Interfaces:** One of the main challenges was ensuring that both the manager and member interfaces functioned seamlessly while addressing the unique needs of each user group. Initially, I faced issues where features specific to managers would overlap with member functionalities. To solve this, I adopted a modular approach, separating the interfaces and clearly defining the roles and permissions for each user type. This ensured that the platform is intuitive and tailored to both user groups without any conflicts in functionality.

**Data Security and Privacy:** Maintaining data security and privacy was a significant concern, especially when handling sensitive member and club data. Implementing secure authentication methods such as hashed passwords, SSL encryption, and access controls was necessary. I integrated Laravel's built-in security features, such as CSRF protection and encrypted cookies, and further fortified the system by adding role-based access control to ensure that only authorized users can access certain information.

**Scalability:** As the platform was designed to accommodate a growing number of users, ensuring scalability was a challenge. Initially, performance issues arose when handling large datasets. To resolve this, I optimized the database queries and employed caching mechanisms through Laravel's built-in caching features. I also designed the system architecture in a way that allows for easy horizontal scaling as the user base grows.

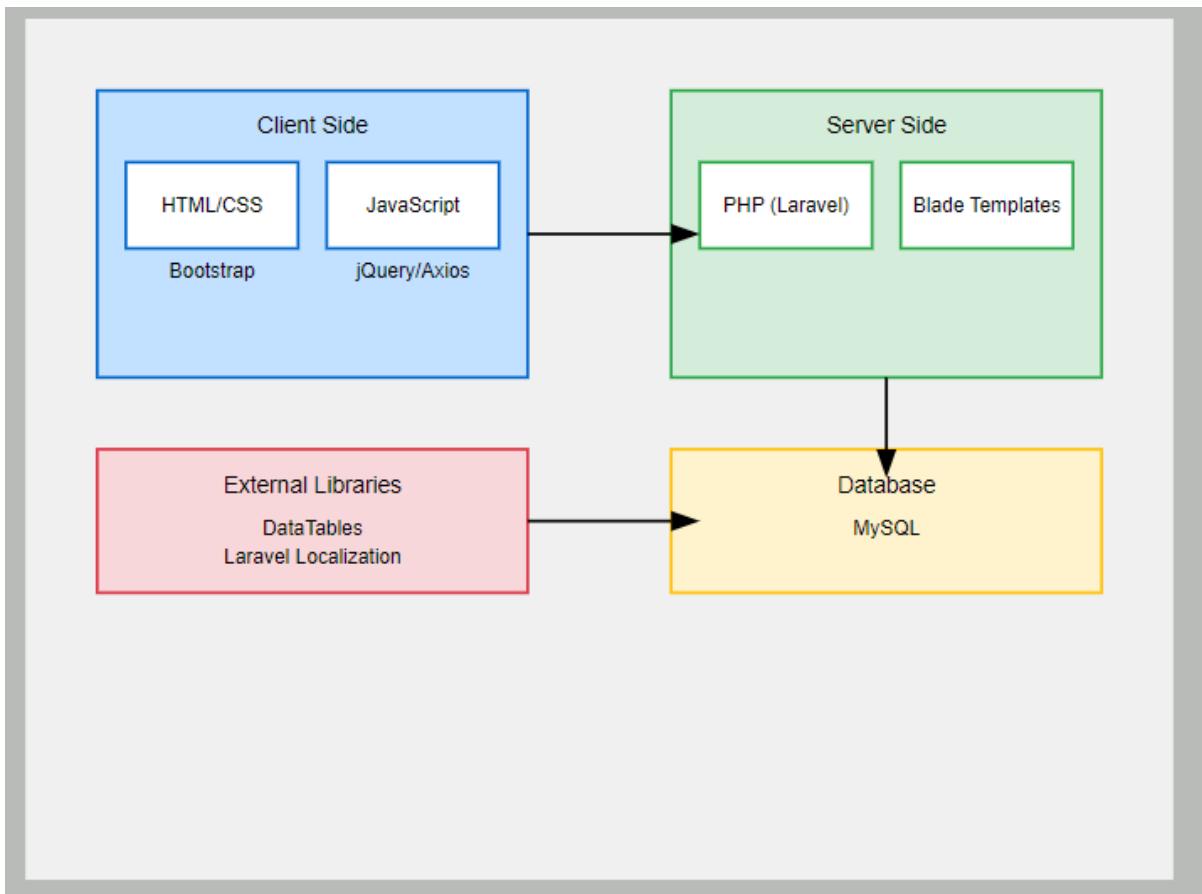
**Requirement Gathering and Analysis:** Gathering and analyzing requirements from various stakeholders, such as club managers and members, was a time-consuming task. To overcome this, I created a detailed survey and held multiple meetings with stakeholders. I prioritized their needs based on impact and urgency, ensuring that the system addressed the most pressing issues first, while keeping future scalability and functionality in mind.

**Working Alone:** Building the software alone presents another challenge. Without a partner to bounce ideas off of or provide assistance, I'm solely responsible for solving every problem that arises. This means I have to rely solely on my own thinking and creativity to tackle each issue without the input or collaboration of a partner. Additionally, the absence of a partner means there's no one to share the workload with or provide additional ideas, making the process more challenging. As a result, working alone requires me to put in extra effort and work doubly hard to ensure everything is completed on time and to a high standard.

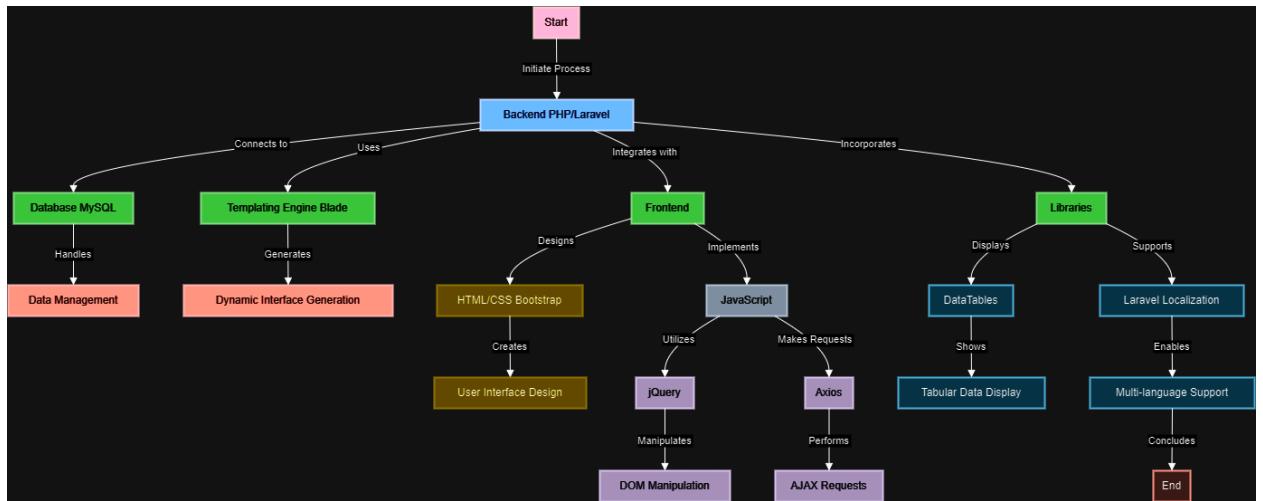
# Product

## diagrams

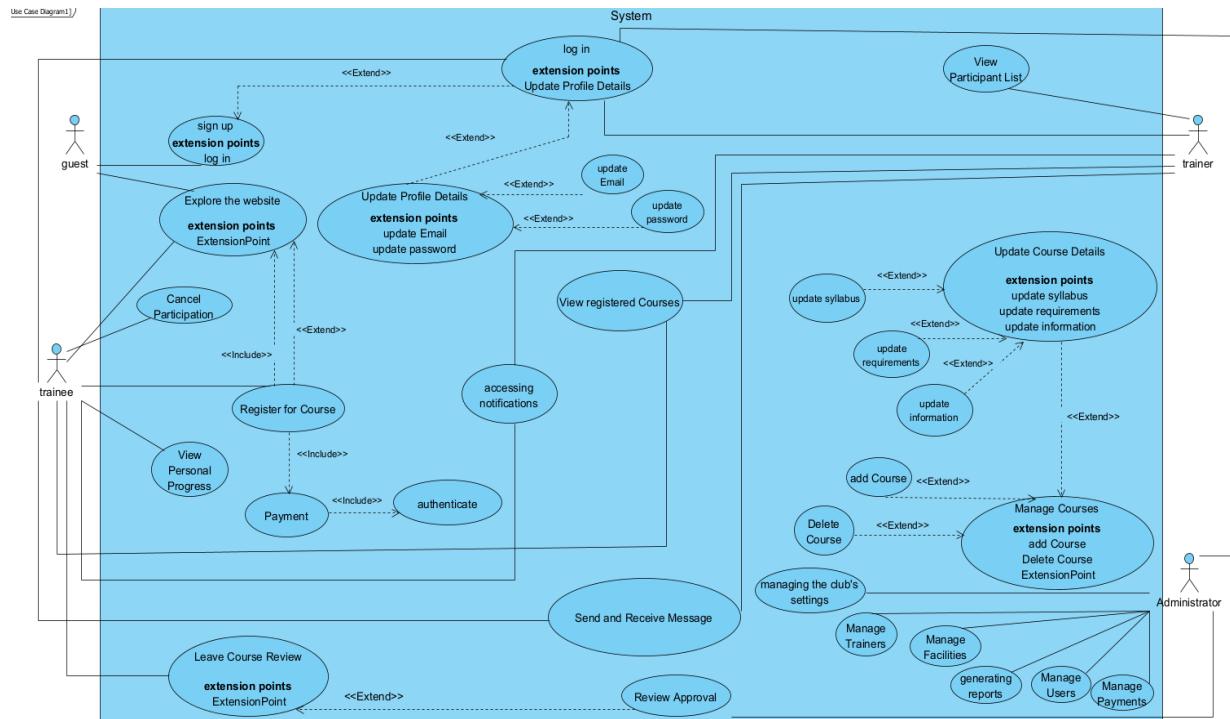
Software Architecture Diagram:



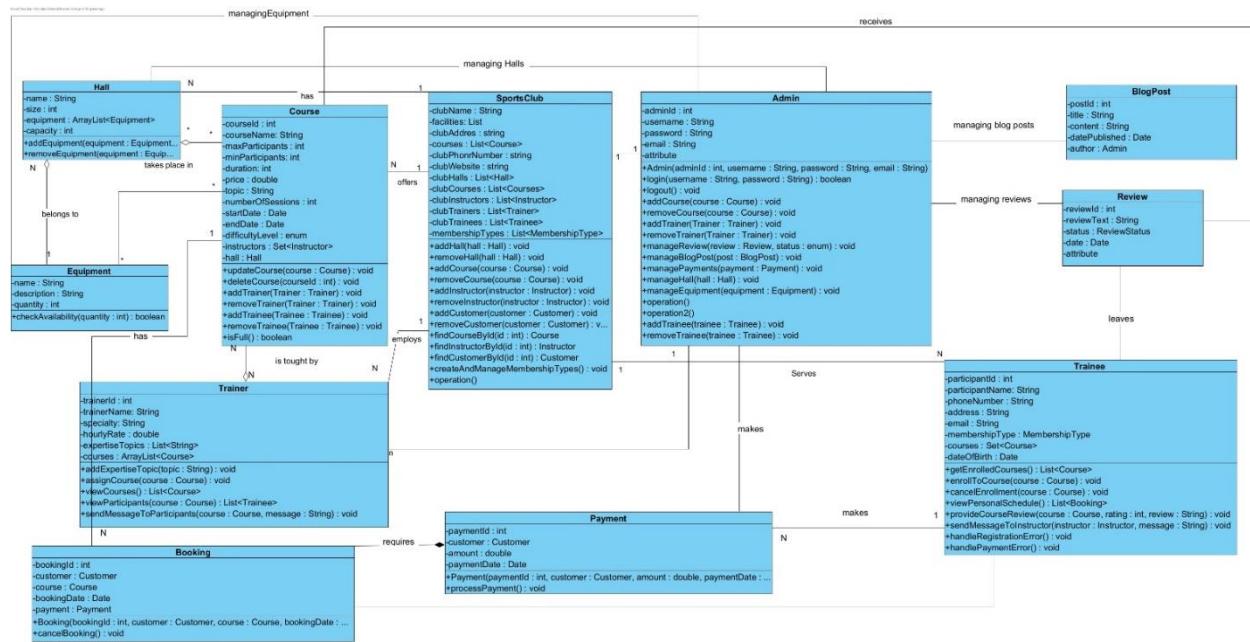
## flowchart:



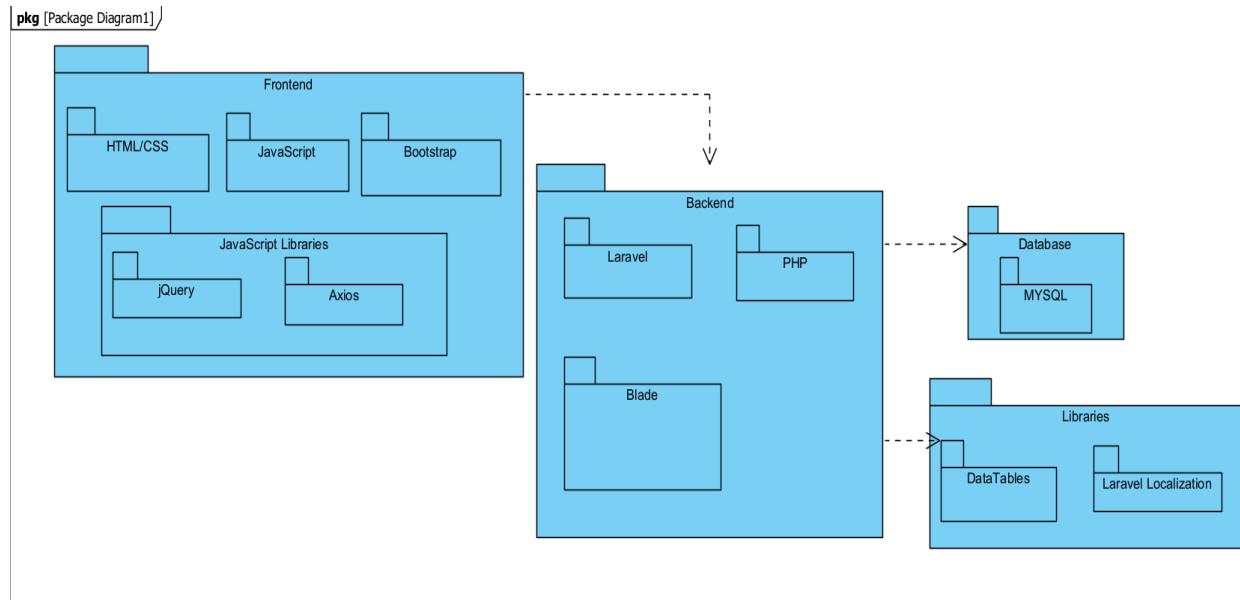
## Use-Case Diagram:



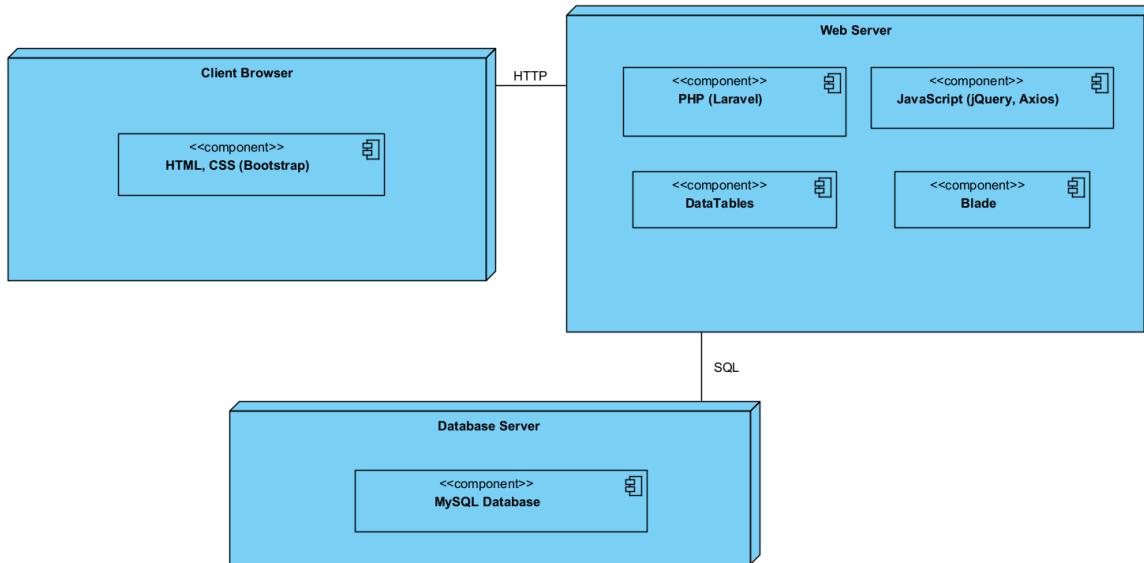
## Class Diagram:



## Package Diagram:



## Deployment Diagram:



## User guide

The user documentation provides comprehensive instructions and guidance for users of the sports club management system. This document is designed to help all user types—members, instructors, managers, and guests—understand how to effectively use the platform to meet their needs. The documentation covers the following areas:

- **Purpose:** Overview of the sports club management system and its objectives.
- **Audience:** A breakdown of who this documentation is for (members, instructors, managers, and guests).
- **System Requirements:** Information on the necessary hardware, software, and internet connectivity needed to access and use the platform.

## Guest User Experience

As a guest, you can explore various features of the sports club website. However, certain actions, such as course registration, require creating an account. Below is a detailed walkthrough of what a guest can do on the website:

## **1. Accessing the Website**

**The address for the Sport Club Management web application is:**

[fithub-fitness.com/en](http://fithub-fitness.com/en)

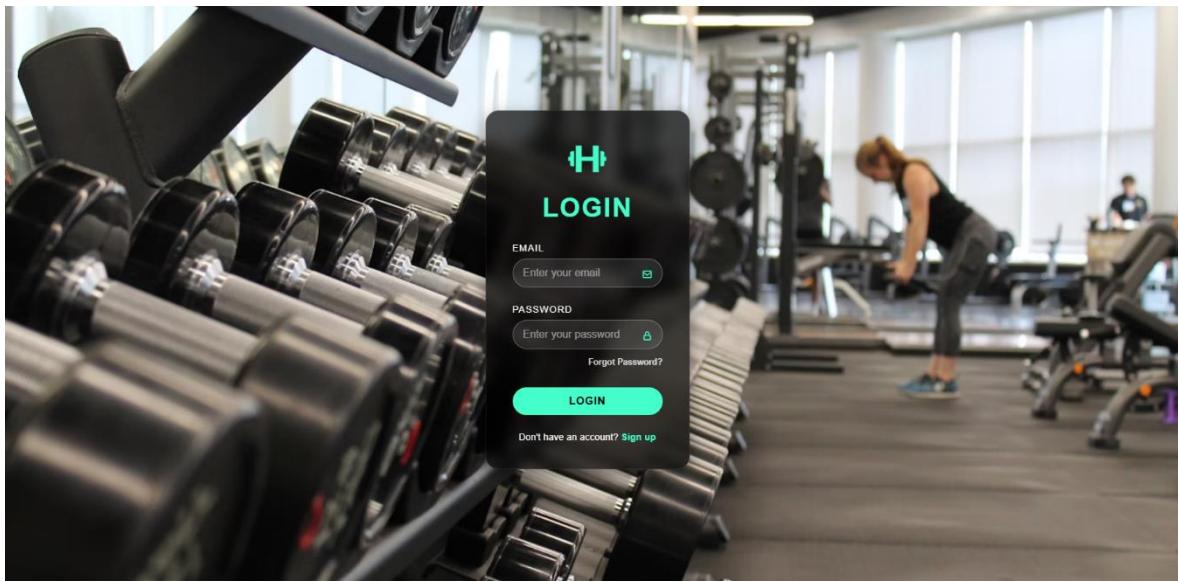
**\*\*Pay attention; to Session Timeout for Enhanced Security: To enhance security and protect user data, the system is designed to log users out after a predetermined period of inactivity automatically. This feature ensures that unauthorized access to a user's account is minimized in case the user leaves their device unattended. Additionally, this mechanism helps manage database resources efficiently by reducing the number of active sessions that need to be maintained.**

**This timeout feature is especially important for protecting sensitive information and maintaining the overall integrity of the system, providing both security and performance benefits.**

**When a guest visits the website, they land on the homepage, which is designed to provide a comprehensive overview of what the club offers. The upper part of the page includes the navbar with options like "Home," "About Us," "Courses," and "Blog." Additionally, you'll find the Login and Join Now buttons prominently displayed. As a guest, creating an account is necessary to access members-only features.**

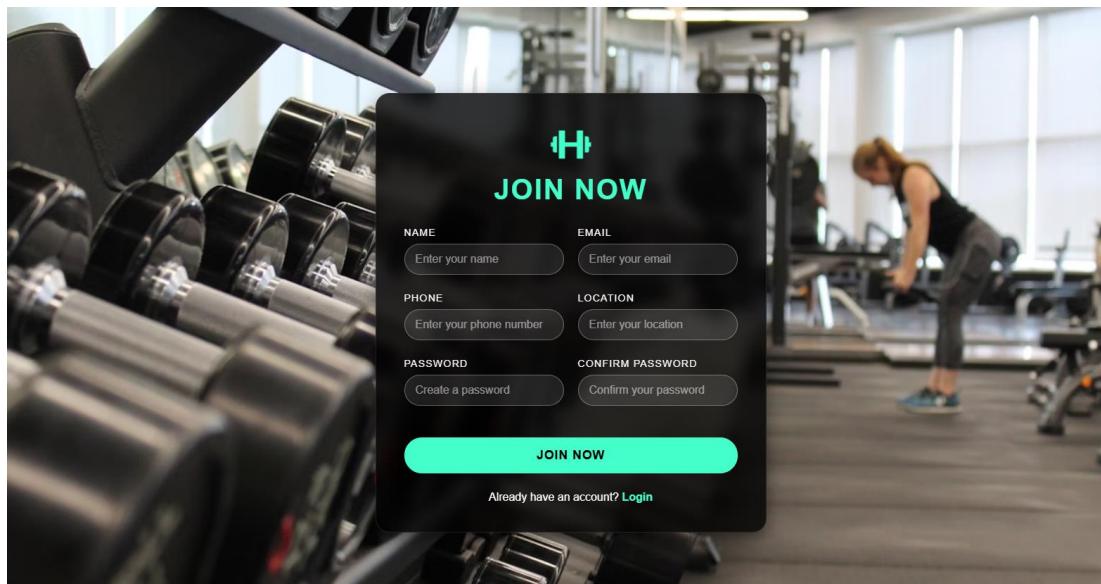
**Login Screen:**

- 1. Enter your username in the "Username" field.**
- 2. Enter your password in the "Password" field. Note that the password characters will be hidden for security purposes.**
- 3. Ensure that both the username and password are entered correctly.**
- 4. If you encounter any errors during the login process, such as an incorrect username or password, an error message will be displayed below the login form.**
- 5. Carefully read the error message and verify your login credentials before attempting to log in again.**



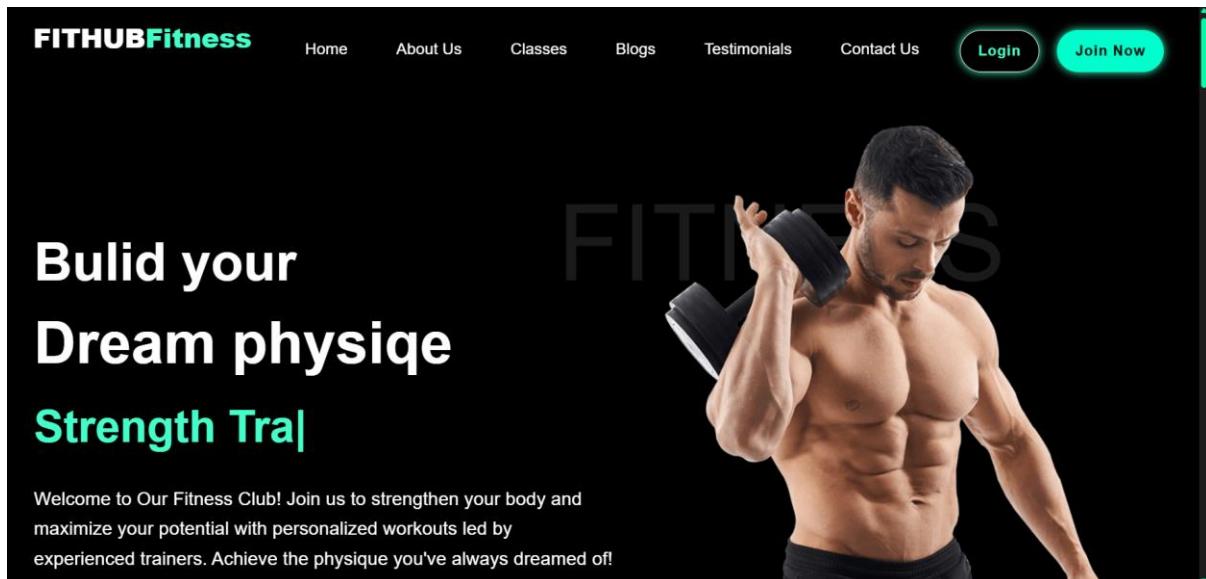
Registration screen/join now:

- 1. Enter a username that you want to use in application.**
- 2. Enter the Email that you want to use in application, note that the Email is not already registered in the system.**
- 3. Enter your phone number that you want to use in application.**
- 4. Enter your location that you want to use in application.**
- 5. Enter password of your choice.**
- 6. In confirm password make sure that you enter the same password from the password field, or the registration fails, and an error will appear.**



## Homepage Overview

The homepage starts with a dynamic section where the navbar is located at the top. This section also features a hero banner that showcases rotating messages highlighting the various courses and activities offered at the club.



## About Us

The next section provides an overview of the club, explaining why it's the best choice for fitness enthusiasts. Here, key statistics about the club, such as the number of active members, available courses, and successful transformations, are displayed to build trust and credibility.

A screenshot of the 'About Us' section of the FITHUBFitness website. It features a dark background with a central image of a woman working out with weights. To the right of the image, there's a heading 'SOME REASONS Why Choose Us?' followed by a bulleted list: 'Over 140+ Expert Coaches', 'Train Smarter and Faster than Before', '1 Free Program for New Member', and 'Reliable Partners'. At the bottom, there are three large statistics: '+150 Expert Coaches', '+100 Classes', and '+2000 Members Joined'.

## Course Listings

One of the most important sections for a guest is the Course Listings. This area showcases the available courses at the club, providing essential details such as the course name, a brief description, start and end dates, and the number of participants currently enrolled.

The screenshot shows a dark-themed website for 'FITHUBFitness'. At the top, there's a navigation bar with links for Home, About Us, Classes, Blogs, Testimonials, and Contact Us. There are also 'Login' and 'Join Now' buttons. Below the navigation, a banner reads 'FITNESS CLASSES FOR EVERY GOAL'. Three course cards are displayed:

- Yoga for Flexibility**: A woman performing a yoga pose. Description: 'Which Yoga is best for Flexibility'. Start: 01 Sep 2024, End: 30 Sep 2024. Progress: 1/16 - 6.25%. Buttons: 'Read More' and 'Join Course'.
- Powerlifting Basics**: A man sitting on a bench press. Description: 'Learn the core movements of powerlifting: squats, deadlifts, and bench presses. Ideal for beginners aiming to build a solid foundation'. Start: 07 Sep 2024, End: 07 Oct 2024. Progress: 2/30 - 6.67%. Buttons: 'Read More' and 'Join Course'.
- Water Exercise**: Two people in a swimming pool. Description: 'Water-based physical activities to improve and flexibility'. Start: 01 Sep 2024, End: 30 Sep 2024. Progress: 0/15 - 0.00%. Buttons: 'Read More' and 'Join Course'.

**Read More Button:** Clicking on this button leads to a detailed course page. Here, guests can view an overview of the course, what they will learn, requirements, the days the course is offered, the hall name, the number of sessions, the price, and information about the instructor.

This is a detailed view of the 'Yoga for Flexibility' course page from the FITHUBFitness website.

**Course Overview**

Yoga for Flexibility is crafted for individuals who want to improve their body's range of motion and overall balance. This course emphasizes stretching exercises and yoga poses that target key muscle groups, promoting flexibility and reducing the risk of injury. Along with physical benefits, this yoga practice also fosters mental clarity and relaxation.

**What You'll Learn**

Various yoga poses to improve flexibility Techniques to enhance balance and coordination Breathing exercises for stress relief How to create a daily yoga routine for long-term benefits.

**Requirements**

Yoga mat Comfortable, stretchable clothing No prior yoga experience needed.

**Course Details**

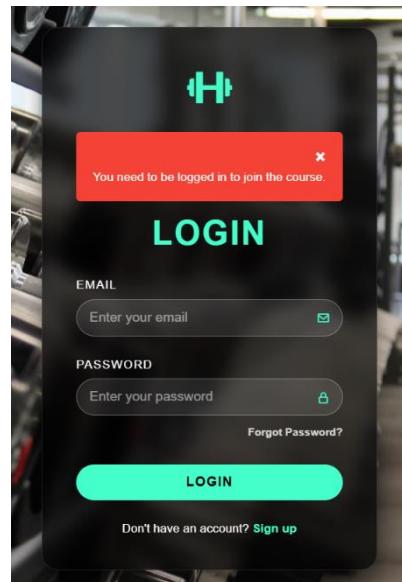
- Start Date: September 1, 2024
- End Date: September 30, 2024
- Schedule: Thu (9:00 AM - 11:00 AM)
- Location: Hall22
- Number of Sessions: 20
- Price: \$120.00

**Instructor**

**John Doe**, סטודיו סטודיו, Specialization2

John has over 10 years of experience in advanced fitness training and has helped numerous athletes achieve their peak performance

**Registration Button:** If a guest tries to register for a course, they will be prompted to log in or sign up, as course registration is restricted to members only.



## Latest Blog Feed

The Latest Blog Feed section provides guests with access to the latest news, events, and important announcements related to the club.

### LATEST BLOG FEED

**Charity Fun Run**  
30 AUGUST 2024

Get ready to lace up your running shoes for our annual Charity Fun Run! This year's event will suppo...

[READ MORE](#)

**Healthy Nutrition Workshop**  
30 AUGUST 2024

Understanding the role of nutrition in achieving fitness goals is essential. Our upcoming workshop i...

[READ MORE](#)

**Summer Fitness Challenge**  
30 AUGUST 2024

This summer, our gym is launching an exciting fitness challenge designed to push your limits and tra...

[READ MORE](#)

[PREVIOUS](#) [NEXT](#)

**Read More Button:** Guests can click this button to view additional details such as the publication date, author, number of views, relevant images, and the full content of the post. The page also includes social media sharing options (e.g., Facebook, WhatsApp) and a commenting feature powered by Facebook, helping the club reach a broader audience. At the bottom, Related News suggests similar content that might interest the guest.

The screenshot shows a blog post titled "HEALTHY NUTRITION WORKSHOP". Below the title is a small image of a presentation slide titled "FOOD AND NUTRITION WORKSHOP". The post includes a timestamp ("Aug 30, 2024"), the author's name ("nareman"), and the number of views. Below the post content is a social sharing bar with icons for Facebook, Twitter, LinkedIn, and Email.

Understanding the role of nutrition in achieving fitness goals is essential. Our upcoming workshop focuses on the basics of healthy eating, meal planning, and the importance of balancing macronutrients. Attendees will also learn how to avoid common dietary pitfalls and receive personalized nutrition tips. At Workshop Hall , on 23.9.2024

The screenshot shows the comment section of the blog post. It displays 0 comments and a placeholder for adding a comment. Below the comment section is a "Related News" section featuring a thumbnail for a "Charity Fun Run" and a "Read More" button. At the bottom of the page is a footer for "FITHUB Fitness" with social media links and a copyright notice.

Sort by

0 comments

Add a comment...

Facebook Comments Plugin

**Related News**

**Charity Fun Run**  
Join us for a day of fitness and community at our annual Charity Fun Run, supporting local charities.  
[Read More](#)

**FITHUB** Fitness

f g t y tw i

© 2024 FITHUB. All rights reserved.

## Client Reviews

Guests can browse through the Client Reviews section to see testimonials and feedback from current members. While guests can view these reviews, only registered members who have participated in courses can submit reviews, and submissions must be approved by a manager before being published.

### CLIENT REVIEWS



**EMMA**

★★★★★

Training with Alex has been a game-changer for me. He's incredibly knowledgeable about fitness and nutrition, and he genuinely cares about his clients' progress. I've seen significant improvements in my stamina and overall health since we started working together."



**ITMAR COHEN**

★★★★★

Sarah has been incredible in helping me improve my strength and endurance. Her sessions are always challenging but rewarding, and she has a unique way of keeping me motivated throughout the toughest workouts. Highly recommend her!"



**REFKA ZADDAA**

★★★★★

The water course was fantastic! The instructors were knowledgeable and made learning enjoyable. I gained confidence in my swimming and water safety skills. Highly recommend!"

## BMI Calculator

Since the club focuses on fitness, the website includes a BMI Calculator tool that guests can use to calculate their Body Mass Index (BMI). The result categorizes the guest as obese, regular, or underweight, providing a starting point for choosing the right courses or fitness plans.

### CALCULATE YOUR BMI

The body mass index (BMI) calculator calculates body mass index from your weight and height.

**Calculate Now**



## CALCULATE YOUR BMI

The body mass index (BMI) calculator calculates body mass index from your weight and height.

**Calculate Now**



Your BMI is 32.56. Category: Obese

## CALCULATE YOUR BMI

The body mass index (BMI) calculator calculates body mass index from your weight and height.

**Calculate Now**



Your BMI is 17.51. Category: Underweight

## Footer Section

**The final section of the homepage is the Footer, which contains essential information about the club, including contact details, terms of service, privacy policy, and links to social media profiles.**

### FITHUB

Site Description.

⌚ Monday - Friday

07:00:00 - 22:00:00

⌚ Saturday - Sunday

07:00:00 - 20:00:00

### Contact Us

📍 1247/Plot No. 39, 15th Phase, Colony,  
Kukatpally, Hyderabad

📞 0509479499

✉️ dmindsofficial@gmail.com

### Follow Us

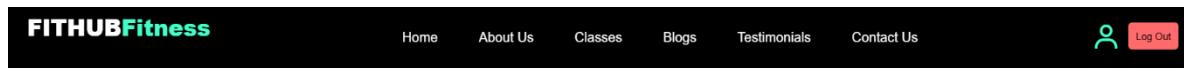


## Member Experience

Once a user logs in to the website, they transition from a guest to a member, gaining access to additional features and functionalities designed to enhance their experience at the club. Below is an overview of what members can do after logging in:

### Post-Login Interface

**Navbar Changes:** After logging in, the navbar at the top right of the screen changes. The "Login" and "Join Now" buttons are replaced by a Logout button and a User Icon. Clicking on the user icon redirects the member to their Personal Dashboard, where they can manage their account and track their activities.



### Course Registration

A screenshot of a course registration section. It features three cards, each with a thumbnail image, a title, a description, start and end dates, progress bars, and 'Read More' and 'Join Course' buttons. A horizontal scroll bar is at the bottom.

**After join course click:** As a logged-in member, you can now register for courses directly through the website. When you select a course and click on the registration button, most of your details, such as email, name, and phone number, are pre-filled based on your account information. However, you'll need to enter sensitive payment details manually, including credit card information or choose alternative payment options like PayPal.

Course Details		Booking Information	
website.course_title	Water Exercise	Email:	Zeev.member@gmail.com
Instructor	AHMEDAHMED23333333333333	Full Name:	Zeev cohen cohen
Start Date	September 1, 2024	Phone Number:	0524252223
End Date	September 30, 2024	Payment Method:	website.credit_card
Sessions	20	Cardholder Name:	Full Name on Card
Regular Price	\$65.00	Cardholder Name:	1234 5678 9012 3456
Discount	%	MM / YY	MM / YY
Total Price	\$65	CVC	CVC

**Book Course**

**Registration Outcomes:** After completing the registration form and submitting it, you will encounter one of the following messages:

- **Invalid Information:** If any of the entered details are incorrect or missing, an error message will prompt you to correct them.

Cardholder Name:	43442
Cardholder Name:	1234 5678 9012 3456
Cardholder Name:	MM / YY
Cardholder Name:	CVC

**Book Course**

- **Already Registered:** If you are already enrolled in the course, you'll receive a notification indicating that you cannot register for the same course twice.



- **Successful Registration:** If everything is correct, a success message will confirm your enrolment in the course.



## Personal Dashboard

The Personal Dashboard is the central hub for members, offering various tools to manage their activities and view their progress

**FitnessPro**

- Profile
- Meetings Today - Tomorrow
- My Courses
- Notifications
- Reviews
- Sent Messages
- Received Messages

**Log Out**

### My Courses

- Through the Back
 

Progress: 0%  
Trainer: Daniel Zahavi  
Start Date: September 7, 2024  
End Date: October 7, 2024  
Time: 17:00:00 - 19:01:00

[Message Trainer](#) [Leave a Review](#)
- Yoga for Flexibility
 

Progress: 0%  
Trainer: John Doe  
Start Date: September 1, 2024  
End Date: September 30, 2024  
Time: 09:00:00 - 11:00:00

[Message Trainer](#) [Leave a Review](#)

### Sent Messages

No Messages

### Notifications

No Notifications

### Reviews

**Powerlifting Basics** website.rating: 5  
Sarah has been incredible in helping me improve my strength and endurance. Her sessions are always challenging but rewarding, and she has a unique way of keeping me motivated throughout the toughest workouts. Highly recommend her!

[Edit Review](#) [Delete](#)

### Received Messages

No Messages

**Welcome back Itmar cohen cohen**

Ready to crush your fitness goals today?

### Profile

Name: Itmar cohen cohen  
Email: Itmar@hotmail.com  
Phone: 3232  
Location: haifa  
Join Date: August 31, 2024

[Edit Profile](#)

### Meetings Today

No meetings today.

### Meetings Tomorrow

No meetings tomorrow.

### My Courses

- Through the Back
- Yoga for Flexibility

### Sent Messages

No Messages

**Profile:** This section contains personal information such as your name, email, phone number, join date, and more. Members can update their details as needed to keep their profiles current.

The screenshot shows a dark-themed profile edit form. At the top, there is an input field for 'Email' containing 'username@gmail.com'. Below it are four text input fields: 'Phone' (0545544231), 'Location' (hertzlia), 'Date of Birth' (11/30/1981), and 'New Password' (empty). A note below the password fields says 'Leave blank if you do not want to change the password.' There is also a 'Confirm Password' field (empty). At the bottom is a green 'Save Changes' button.

## My Courses:

This section displays all the courses you are currently enrolled in. For each course, you can view:

**Course Progress:** Track how far you've come in the course.

**Instructor Information:** See the name of the instructor leading the course.

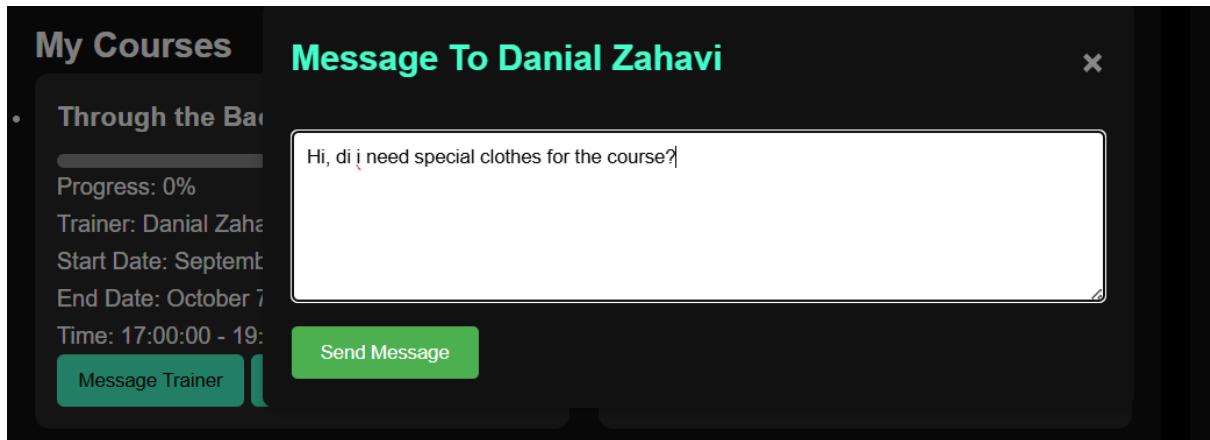
**Schedule Details:** Check the start and end dates, days, and times for each session.

Each course in this section comes with two key buttons:

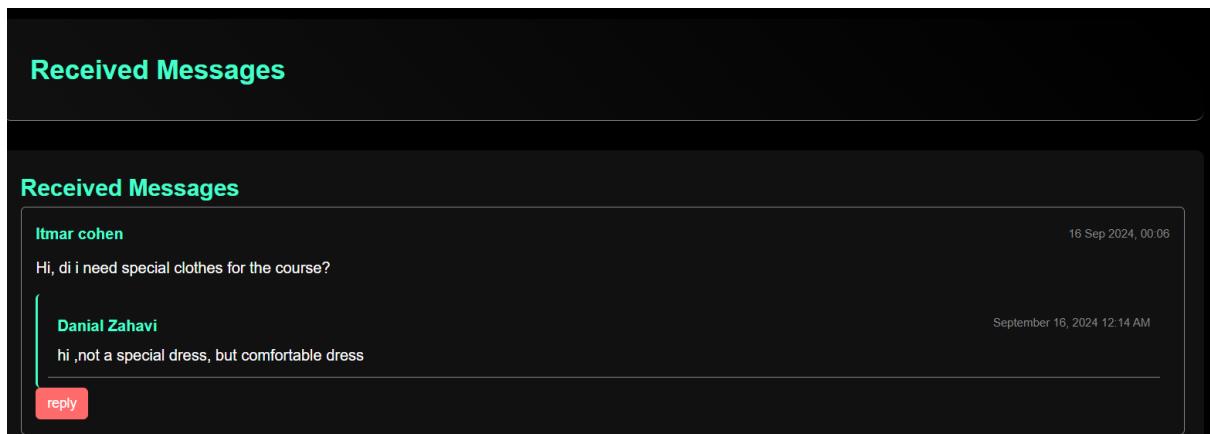
The screenshot shows a course card for 'Power Yoga'. The title 'My Courses' is at the top. Below it, a list item starts with a bullet point followed by 'Power Yoga'. A horizontal progress bar is shown below the course name. To the right of the progress bar, the text 'Progress: 0%' is displayed. Below the progress bar, 'Trainer: ahmed' is listed. Underneath that, 'Start Date: July 4, 2024', 'End Date: July 30, 2024', and 'Time: 13:54:00 - 14:54:00' are listed. At the bottom of the card are two teal-colored buttons: 'Message Trainer' and 'Leave a Review'.

## Send Message to Trainer :

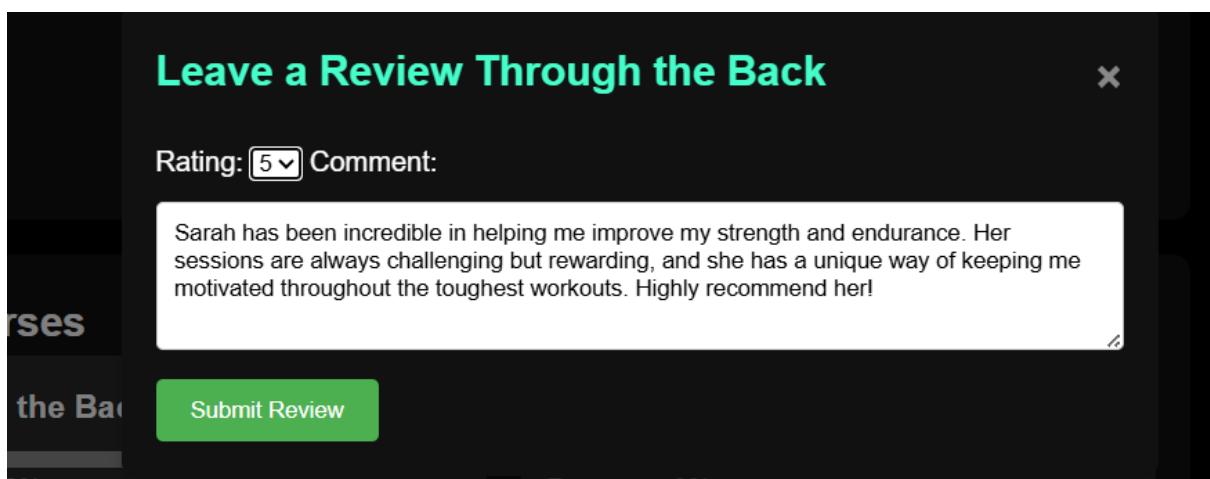
Use this button to send a message to your instructor. You can ask questions or request feedback, and you'll receive responses directly through the platform.



## After received a message from trainer:



**Leave a Course Review:** After completing a course, you can leave a rating and a detailed review. This review will be submitted to a manager for approval, and if deemed relevant, it will be published on the website.



## Reviews

**Through the Back** website.rating: 5

Sarah has been incredible in helping me improve my strength and endurance. Her sessions are always challenging but rewarding, and she has a unique way of keeping me motivated throughout the toughest workouts. Highly recommend her!"

Edit Review
Delete

**Powerlifting Basics** website.rating: 5

Sarah has been incredible in helping me improve my strength and endurance. Her sessions are always challenging but rewarding, and she has a unique way of keeping me motivated throughout the toughest workouts. Highly recommend her!"

Edit Review
Delete

## Notifications

**Members receive updates and notifications from both managers and instructors related to their courses. This ensures that you are always informed about any changes, upcoming events, or important announcements.**

Welcome back Itmar cohen cohen

Ready to crush your fitness goals today?

hi today the course canceled

- FitnessPro**
- Profile
- Meetings Today - Tomorrow
- My Courses
- Notifications
- Reviews
- Sent Messages
- Received Messages

**Notifications**

Danial Zahavi - Through the Back  
September 16, 2024, 12:24 AM  
hi today the course canceled

**Reviews**

**Through the Back** website.rating: 5

Sarah has been incredible in helping me improve my strength and endurance. Her sessions are always challenging but rewarding, and she has a unique way of keeping me motivated throughout the toughest workouts. Highly recommend her!"

Edit Review
Delete

**Powerlifting Basics** website.rating: 5

Sarah has been incredible in helping me improve my strength and endurance. Her sessions are always challenging but rewarding, and she has a unique way of keeping me motivated throughout the toughest workouts. Highly recommend her!"

Edit Review
Delete

**Received Messages**

No Messages

Log Out

## Messages

The Messages section allows you to manage all your communications within the platform:

**Sent Messages:** View all the messages you've sent to instructors or managers.

**Received Messages:** Access replies and other communications from instructors .

The screenshot shows the 'Received Messages' section of the FitnessPro application. On the left, there's a sidebar with a logo and links for 'dashboard' and 'Messages'. The main area is titled 'Received Messages' and contains a list of messages. The first message is from 'Itmar cohen' with the text 'Hi, di i need special clothes for the course?' and a timestamp '16 Sep 2024, 00:06'. Below it is a reply from 'Danial Zahavi' with the text 'hi ,not a special dress, but comfortable dress' and a timestamp 'September 16, 2024 12:14 AM'. A red 'reply' button is visible at the bottom of the message list.

## Instructor Experience

As an instructor, you have access to a range of tools that allow you to manage your courses, communicate with participants, and update your personal information.

Below is an overview of the functionalities available to instructors:

### Personal Information

Instructors have access to their personal profile, where they can view and update their details, similar to the functionality available to members. This includes basic information such as name, email, phone number, and other relevant data. Keeping this information up-to-date ensures accurate communication and smooth operation within the platform.

The dashboard features a dark-themed header with the brand name "FITHUBFitness". On the left, a sidebar includes links for "Profile", "Manage Courses", and "Messages", along with a "Log Out" button. The main content area is divided into several sections: "Welcome back ahmed" with a message to "Ready to crush your fitness goals today?", "Profile" details for "ahmed" (Email: ahmed.mahameed@hotmail.com, Phone: 050734943, Specialization: Fitness, Yoga), "Edit Profile" button, and "Manage Courses" for "Power Yoga" (Date: July 4, 2024, Time: 1:54 PM - 2:54 PM, Sessions: 1) and "Cardio & Strength" (Date: July 17, 2024, Time: 3:57 AM - 4:57 AM, Sessions: 2). Each course section includes a "Send Message to All" button and a list of enrolled students (nareman, abo frwe, Noam, Lavie) with "Write Message" and "Send Message" buttons. A "Received Messages" sidebar shows a recent message from "Noam" asking about special clothes for the course, with a "Reply" button.

## **\*\* I Add this section:**

<b>Meetings Today</b>			
<b>Course Name</b>	<b>Trainer</b>	<b>Hall</b>	<b>Meeting Date</b>
Powerlifting Basics	Danial Zahavi	Powerlifting-Hall	16/09/2024 12:00 PM - 2:00 PM
Through the Back	Danial Zahavi	Fitness-Hall-A	16/09/2024 5:00 PM - 7:01 PM

<b>Meetings Tomorrow</b>			
<b>Course Name</b>	<b>Trainer</b>	<b>Hall</b>	<b>Meeting Date</b>
Through the Back	Danial Zahavi	Fitness-Hall-A	17/09/2024 5:00 PM - 7:01 PM

## **Course Management**

**As an instructor, you can view all the courses you are currently teaching. For each course, you can access detailed information, including:**

### **Course Name**

**Schedule: Start and end dates, session days, and times.**

**Enrolled Participants: A list of all members registered for the course.**

**Course Progress: Overview of the progress made in the course.**

**This section helps instructors stay organized and informed about the status and details of each course they are responsible for.**

## Manage Courses

**Power Yoga**

Date: July 4, 2024  
Time: 1:54 PM - 2:54 PM  
Number of Sessions: 1

[Send Message to All](#)

**Enrolled Students:**

nareman abo  
frwe [Write Message](#)

Noam Lavie [Write Message](#)

[Send Message](#)

**Cardio & Strength**

Date: July 17, 2024  
Time: 3:57 AM - 4:57 AM  
Number of Sessions: 2

[Send Message to All](#)

**Enrolled Students:**

nareman abo  
frwe [Write Message](#)

[Send Message](#)

## Communication Tools

**Effective communication is crucial for course management, and the platform provides instructors with powerful tools to stay connected with their participants.**

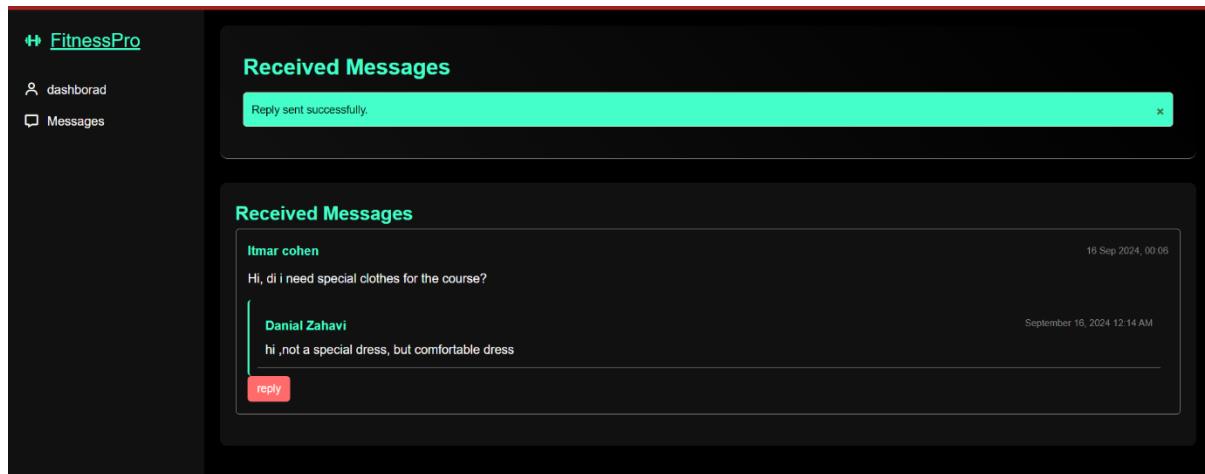
**Messaging Options:** Within each course, instructors have two primary options for sending messages:

**Send Message to All Participants:** This option allows instructors to broadcast a message to all members enrolled in a specific course. It's useful for sharing important updates, reminders, or general announcements relevant to the entire

class. The feature can be accessed through the Send Message to All button within the course management interface.

**Send Message to Specific Member:** If an instructor needs to communicate with a specific member, they can do so through the Send Message to a Specific Member option. This allows for more personalized communication, whether it's addressing individual concerns, providing feedback, or offering additional support.

These communication tools ensure that instructors can maintain clear and effective contact with their participants, fostering a supportive and well-organized learning environment.

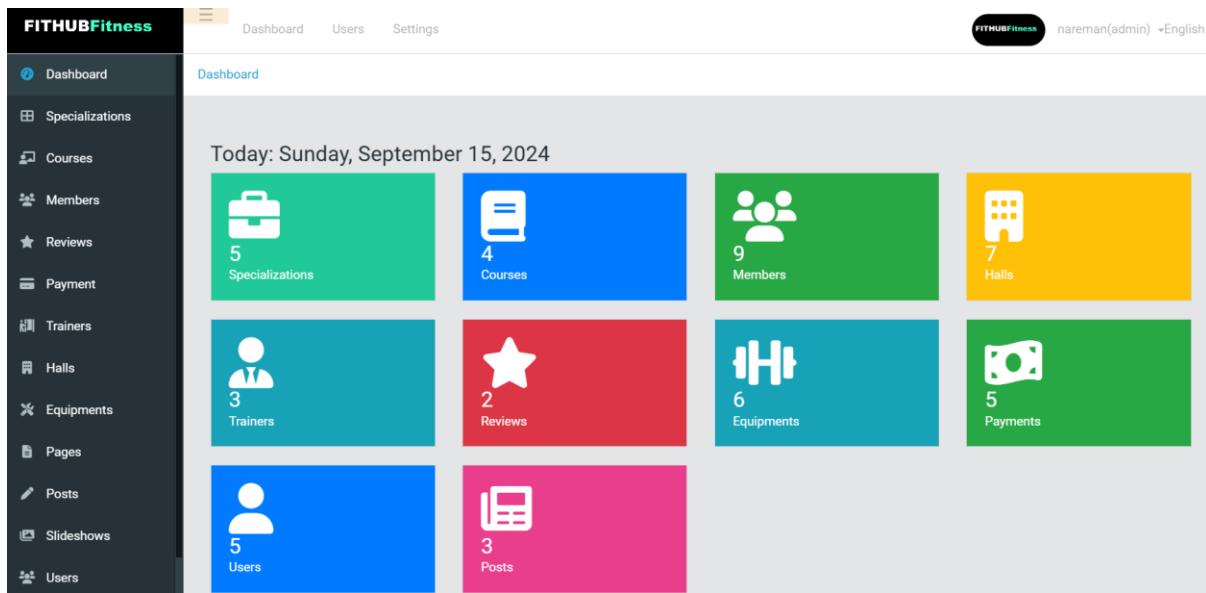


## Admin Experience

The Admin panel is designed to efficiently manage all aspects of the sports club. Below is a detailed guide to the functionalities available to administrators and staff:

### Admin Dashboard

The Admin Dashboard provides a central overview of the sports club's key metrics, offering quick insights into the club's operations. This section is designed to help administrators monitor the club's activities at a glance.



FITHUBFitness		Dashboard	Users	Settings	FITHUBFitness		nareman(admin)	English
<b>Today's Meetings</b>								
Course Name	Date	Trainer	Hall	Start Time	End Time	Status		
Water Exercise	October 1, 2024	Ahmed	Pool	11:00 AM	12:00 PM	Meeting Finished		
<b>Latest Courses</b>								
Course Name	Course Creation Date	Status	Actions	<b>Latest Logins</b>				
Through the Back	31/08/2024	active	Edit	nareman	16/09/2024 23:04			
Water Exercise	31/08/2024	active	Edit	ahmed	-			
Powerlifting Basics	31/08/2024	active	Edit	Sara moshiko	-			
Yoga for Flexibility	30/08/2024	active	Edit	Zeev Admin	-			
				Ahmed Mahamid	-			

FITHUBFitness		Dashboard	Users	Settings	FITHUBFitness		nareman(admin)	English		
<b>Latest Posts</b>										
Post Title	Post Creation Date	Actions	<b>Latest Members</b>							
Charity Fun Run	31/08/2024	Edit	Name	Registration Date	Actions					
Healthy Nutrition Workshop	31/08/2024	Edit	moshe - shlomo	04/09/2024	Edit					
Summer Fitness Challenge	31/08/2024	Edit	Alex Dani - michael	03/09/2024	Edit					
			Zeev cohen - cohen	31/08/2024	Edit					
			Refka zadda - zadda	31/08/2024	Edit					
			Itmar cohen - cohen	31/08/2024	Edit					

## Specializations:

This section allows administrators to assign specific professions to instructors. Currently, the feature is used to categorize instructors based on their areas of expertise. While the functionality is limited at the moment, it may play a more significant role in the future as the system evolves.

The screenshot shows a table titled "Specializations" with the following data:

#	Code	Specializations	Action
1	12409	Swimming	
2	42312	Aerobics	
3	49888	Fitness	
4	32321	Strength	
5	12321	Yoga	

## Courses

**Course Management:** This section provides a comprehensive overview of all courses offered at the club. The courses are displayed in a table that includes essential details such as:

- Course Name:** The relevant field of expertise.
- Instructor:** The assigned instructor for the course.
- Hall/Room:** The location where the course is conducted.
- Status:** Indicates whether the course is Active (currently running or upcoming) or Inactive (either completed or canceled due to insufficient enrollment).

by clicking on Add course, I can add new courses.

**Filtering and Search:** To enhance efficiency, the table includes a search bar that allows administrators to quickly find specific courses by typing in keywords. Additionally, the "Show Entries" dropdown enables users to customize the number of courses displayed. There is also an option to filter courses based on their status (Active/Inactive).

Active Courses						
#	Course	Specialization	Trainer	Hall	Status	Action
1	Through the Back	Fitness	Danial Zahavi	Fitness-Hall-A	Active	 
2	Water Exercise	Swimming	Ahmed	Pool	Active	 
3	Powerlifting Basics	Strength	Danial Zahavi	Powerlifting-Hall	Active	 
4	Yoga for Flexibility	Yoga	John Doe	Hal G	Active	 

Showing 1 to 4 of 4 entries

Previous 1 Next

**Detailed Course Information: By clicking on a specific course, administrators can access detailed information, including:**

Dashboard / Courses / Edit Course

**Translations**

 ترجمة	 English
Title - مترجم	
Through the Back	
Content	
A course to improve back posture and reduce back pain	
Short Description	
A course to improve back posture and reduce back pain	
Tags	
Subtitle - مترجم	
Exercises to improve back health and reduce pain	
Course Overview - مترجم	
This course focuses on exercises aimed at improving back posture and reducing chronic back pain. Suitable for anyone suffering from back pain and wanting to improve their quality of life.	

**What You Will Learn - مترجم**

Improved posture, strengthened back muscles, pain reduction	
---	--

**Requirements - مترجم**

No prior experience needed	
----------------------------	--

**Course Details**

Specialization	Fitness		
Trainer	Danial Zahavi		
Hall	Fitness-Hall-A		
Start Date:	07/09/2024 	End Date:	07/10/2024 
Number of Hours:	40	Number of Meetings:	20
Start Time:	17:00 	End Time:	19:01 
Course Days	Select Days		
Normal Price	70.00		
Premium Price			

Discount

Max Participants

Min Participants

Published

 Yes  No  

Status

 Active  Inactive  

Image


 No file chosen  

HUB © 2024 creativeLabs.

## Members: A list of participants enrolled in the course, and can add members by insert ID number.

Course Details		Members				
Members Number of Members Course: 3						
<b>Add Members ↓</b> <input type="button" value="Submit"/> <input type="button" value="Reset"/> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <input type="button" value="x"/> Emma Johnson (30303022323) <input type="button" value="x"/> Itmar cohen cohen (23213)  <input type="button" value="x"/> Alex Dani michael (30303022323)         </div>						
#	Name	Email	Phone	Identity	Join Date	Action
1	Emma Johnson	nareman.taher2@hotmail.com	3232323	30303022323	31-08-2024	
2	Alex Dani michael	a@gmail.com	052287831	30303022323	03-09-2024	
3	Itmar cohen cohen	ltmar@hotmail.com	3232	23213	31-08-2024	

## Members

**Member Management:** This section lists all registered members, displaying key details such as: User ID, Identification Number, Name, Phone Number, Join Date.

**Add Member**

Members								
Show 10 entries <input type="button" value="Search"/> Search: <input type="text"/>								
#	Membership Number	Identity	Name	Phone	Join Date	Action		
1	MEM-66D8ADAA07D4	moshe	323	04-09-2024	 			
2	MEM000029	30303022323	Alex Dani	052287831	03-09-2024	 		
3	MEM000027	315033213	Zeev cohen	0524252223	31-08-2024	 		
4	MEM000026	34342	Refka zadda	343	31-08-2024	 		
5	MEM000025	23213	Itmar cohen	3232	31-08-2024	 		
6	MEM000024	30303022323	Emma	3232323	31-08-2024	 		
7	MEM-66B9084982D40	231214341	mik	42342423	12-08-2024	 		
8	MEM000022	878676786	taha	6787686678	10-08-2024	 		
9	MEM000001	043385111	nareman	90509479499	10-08-2024	 		

Showing 1 to 9 of 9 entries

**Detailed Member Information: By clicking on a member's profile, administrators can view comprehensive details:**

Member Details	Registered Courses	Attached Files																																								
<b>Member Details</b> <table border="1"> <tr> <td>Membership Number MEM0000026</td> <td>Identity 34342</td> </tr> <tr> <td>First Name Refika zadda</td> <td></td> </tr> <tr> <td>Family Name zadda</td> <td></td> </tr> <tr> <td>City hetzla</td> <td></td> </tr> <tr> <td>Medical Conditions ew</td> <td></td> </tr> <tr> <td>Notes we</td> <td></td> </tr> <tr> <td>Birthday 14/08/1965</td> <td></td> </tr> <tr> <td>Phone 343</td> <td></td> </tr> <tr> <td>Weight 43</td> <td></td> </tr> <tr> <td>Height 34</td> <td></td> </tr> <tr> <td>Email Refka@hotmail.com</td> <td></td> </tr> <tr> <td>Password <small>User blank to keep current password</small></td> <td></td> </tr> <tr> <td colspan="2"><b>Additional Details</b></td> </tr> <tr> <td>Membership Level Regular</td> <td></td> </tr> <tr> <td>How did you find us Facebook</td> <td></td> </tr> <tr> <td>Status Active</td> <td></td> </tr> <tr> <td colspan="3"> <b>Image</b> <table border="1"> <tr> <td>Image <small>Choose File</small> No file chosen</td> </tr> <tr> <td></td> </tr> </table> </td> </tr> <tr> <td colspan="3"> <input type="button" value="Save"/> </td> </tr> </table>			Membership Number MEM0000026	Identity 34342	First Name Refika zadda		Family Name zadda		City hetzla		Medical Conditions ew		Notes we		Birthday 14/08/1965		Phone 343		Weight 43		Height 34		Email Refka@hotmail.com		Password <small>User blank to keep current password</small>		<b>Additional Details</b>		Membership Level Regular		How did you find us Facebook		Status Active		<b>Image</b> <table border="1"> <tr> <td>Image <small>Choose File</small> No file chosen</td> </tr> <tr> <td></td> </tr> </table>			Image <small>Choose File</small> No file chosen		<input type="button" value="Save"/>		
Membership Number MEM0000026	Identity 34342																																									
First Name Refika zadda																																										
Family Name zadda																																										
City hetzla																																										
Medical Conditions ew																																										
Notes we																																										
Birthday 14/08/1965																																										
Phone 343																																										
Weight 43																																										
Height 34																																										
Email Refka@hotmail.com																																										
Password <small>User blank to keep current password</small>																																										
<b>Additional Details</b>																																										
Membership Level Regular																																										
How did you find us Facebook																																										
Status Active																																										
<b>Image</b> <table border="1"> <tr> <td>Image <small>Choose File</small> No file chosen</td> </tr> <tr> <td></td> </tr> </table>			Image <small>Choose File</small> No file chosen																																							
Image <small>Choose File</small> No file chosen																																										
																																										
<input type="button" value="Save"/>																																										

**Enrolled Courses: A list of courses the member is registered for.**

Member Details	Registered Courses	Attached Files		
Registered Courses				
Course Title	Start Date	End Date	Number of Hours	Status
Water Exercise	2024-09-01	2024-09-30	40	Active

## Attached Files: Documents that members may need to share, such as medical certificates.

Member Details	Registered Courses	Attached Files
Attached Files		
Attached Files <input type="button" value="Choose Files"/> No file chosen		
<input type="button" value="Save"/>		

## Adding Members: Administrators have the ability to manually add new members and enroll them in courses, ensuring a flexible and personalized registration process.

Member Details	Registered Courses	Attached Files
Member Details		
Identity First Name Family Name City Medical Conditions Notes Birthday dd/mm/yyyy Phone Weight Height Email Password		
Additional Details Membership Level Regular How did you find us Facebook Image Upload Image <input type="button" value="Choose File"/> No file chosen <input type="button" value="Submit"/> <input type="button" value="Reset"/>		
dashboard/slideshow		

## Reviews

**Review Management:** This section allows administrators to manage user reviews. The table displays: Username: The user who submitted the review. Course Name: The course being reviewed. Rating Score: Status: Whether the review is Published (visible on the website) or Unpublished (awaiting approval).

Dashboard / Reviews

The screenshot shows a table titled "List Reviews" with the following data:

#	Member	Course	Rating	Published	Added date	Action
1	Itmar cohen	Powerlifting Basics	5	Published	31-08-2024	
2	Refka zadda	Water Exercise	5	Published	31-08-2024	

Show: 10 entries Search:

Showing 1 to 2 of 2 entries Previous 1 Next

**Review Approval Process:** Reviews are not published automatically. By default, all reviews are set to Unpublished. Administrators must review the content and decide whether to approve and publish the review.

Review Details

Member: Itmar cohen cohen

Course: Powerlifting Basics

Rating: 5

Comment: Sarah has been incredible in helping me improve my strength and endurance. Her sessions are always challenging but rewarding, and she has a unique way of keeping me motivated throughout the toughest workouts. Highly recommend her!

Published:  Yes  No

**update** **Reset**

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## Instructors/Trainers

### Instructor Management:

**Similar to members, this section lists all instructors, showing key details about each instructor.**

The screenshot shows a list of three instructors. Each row contains the ID, Name, Phone, Email, and two action buttons (edit and delete). A search bar and pagination controls are also visible.

#	Identity	Name	Phone	Email	Action
1	987652	John Doe	2645634634	John@gmail.com	
2	987652	Ahmed	2645634634	AhmedT@gmail.com	
3	987652	Danial Zahavi	090808890896	Danial2@gmail.com	

**Detailed Instructor Information: Clicking on an instructor's profile provides more information, including:**

**Personal Details: Basic information such as contact details.**

This screenshot shows the 'Trainer Details' tab selected. It includes fields for Name, Address, Notes, and a language dropdown.

This screenshot shows the 'Trainer Details' tab expanded. It includes sections for Personal Details (Identity, Birthday, Age, Phone, Email, Password, Image), Additional Details (Specializations like Yoga, Strength, Fitness, Athletics, Swimming, Status), and a footer with Save and Cancel buttons.

## Trainer Courses: The courses that the instructor is responsible for.

The screenshot shows a table with one row of data:

Course Title	Start Date	End Date	Number of Hours	Status	Action
Yoga for Flexibility	2024-09-01	2024-09-30	40	Active	<button>Edit</button>

At the bottom left are two buttons: **Save** and **cancel**.

## Attached Files: Documents like certifications or resumes.

The screenshot shows a list of files under the heading "Attached Files".

- Choose Files No file chosen
  - files/trainers/6694fb614f652\_1721039713.png Delete
  - files/trainers/6694fb614fd0\_1721039713.png Delete
  - files/trainers/6694fb61502ae\_1721039713.jpg Delete
  - files/trainers/6694fb61508dc\_1721039713.png Delete
  - files/trainers/6694fb6150d13\_1721039713.png Delete

At the bottom left are two buttons: **Save** and **cancel**.

## Adding Instructors: Administrators can add new instructors to the system by click on add trainer , assigning them to specific courses.

The screenshot shows a form for adding a new trainer. The tabs at the top are "Trainer Details", "Registered Courses", and "Attached Files".

The "Trainer Details" tab is active, showing the following fields:

- Translations: English
- Name:
- Address:
- Notes:

At the top right, there is a user icon for "nareman(admin)" and a language dropdown set to "English".

**Trainer Details**

Identity

Birthday  
 dd/mm/yyyy

Age

Phone  
  
 Phone

Email  
  
 Email

Password

Image  
 Choose File No file chosen

**Additional Details**

Specializations  
 Yoga  
 Strength  
 Fitness  
 Aerobics  
 Swimming

Status  
 Active

**Buttons:**

## Halls

**Hall Management:** This section provides an overview of all halls or rooms available in the club. The table includes:  
**Hall Name:** The name of the hall.  
**Capacity:** The maximum number of people the hall can accommodate.  
**Status:** Indicates whether the hall is Available or Occupied.

Dashboard / Halls

**Add Hall**

**Halls**

Show	10	entries	Search:	
#	Name	Capacity	is available	Action
1	Hall G	25	Yes	
2	Yoga-Hall	35	Yes	
3	Powerlifting-Hall	32	Yes	
4	Pool	18	Yes	
5	Fitness-Hall-A	25	Yes	
6	physio ball	25	Yes	
7	Workshop Hall	50	Yes	

Showing 1 to 7 of 7 entries

[d/halls/create](#)

**Detailed Hall Information:** By clicking on a hall, administrators can access additional details, including the equipment available in the hall.

The screenshot shows a form for managing hall details. It includes sections for 'Translations' (with tabs for 'Name', 'Address', and 'Description'), 'Hall Details' (Capacity: 20, Is available: Yes), 'Equipment' (listing items like Yoga mat, Yoga strap, Yoga blocks, Barbell and weight plates, Squat rack or power rack, and Flat bench for bench presses), and an 'Image' section (with a placeholder for 'Choose file'). At the bottom are 'Save' and 'Cancel' buttons.

## Equipment

**Equipment Management:** This section lists all equipment in the club, providing details such as:  
**Equipment Name**: Location where the equipment is located.  
**Quantity**

The screenshot shows a table listing equipment items. The columns are: #, Name, Hall, Quantity, and Action (with edit and delete icons). The data is as follows:

#	Name	Hall	Quantity	Action
1	Yoga mat	Yoga-Hall	30	
2	Yoga strap (optional for deeper stretches)	Yoga-Hall	30	
3	Yoga blocks (optional for support in poses)	Yoga-Hall	30	
4	Barbell and weight plates	Powerlifting-Hall	20	
5	Squat rack or power rack	Powerlifting-Hall	20	
6	Flat bench for bench presses	Powerlifting-Hall	20	

Showing 1 to 6 of 6 entries

**Detailed Equipment Information:** Clicking on a piece of equipment provides more detailed information about it, including specifications and usage guidelines.

**Translations**

Arabic	עברית	English
--------	-------	---------

Name - **يوجا**

Yoga strap (optional for deeper stretches)

Description

**Equipment Details**

Quantity  
50

Hall  
Yoga-Hall

**Image**

Image  
 Choose File No file chosen

**Submit** **Reset**

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## Pages

**Page Management:** Administrators can update the content on various sections of the club's official website, such as the "About Us" page, ensuring that the information presented is accurate and up-to-date.

List of Pages					
#	Name	Added date	Last modified	Action	
1	about us	23/07/2024	23/07/2024		
2	Home page	23/07/2024	23/07/2024		

Showing 1 to 2 of 2 entries

Previous **1** Next

## Posts

**Blog Feed Management:** This section allows administrators to manage the club's blog posts.

**Add Post**

**Striped Table**

List of Posts					
#	Title	Added date	Action		
1	Summer Fitness Challenge	31-08-2024			
2	Healthy Nutrition Workshop	31-08-2024			
3	Charity Fun Run	31-08-2024			

Showing 1 to 3 of 3 entries

Previous **1** Next

**Viewing Posts: By clicking on a post, administrators can see more detailed information.**

This screenshot shows a detailed view of a post. At the top, there's a 'Translations' section with 'Title - English' and a 'Summer Fitness Challenge' title. Below it is a 'Content' rich-text editor with a toolbar. A note below the editor states: 'Join our gym & win a winning an exciting fitness challenge designed to push your limits and transform your body. Participants will engage in a mix of strength training, cardio sessions, and flexibility exercises over 8 weeks. The program involves personalized coaching and weekly progress assessments. Prizes await those who show the most improvement!'. Under 'Post Details', 'Specialization' is set to 'Strength' and 'Published' is checked. The 'Image' section shows a placeholder for an image with a 'Choose File' button. At the bottom are 'Submit' and 'Reset' buttons.

**Adding New Posts: Administrators can create and publish new posts by clicking the "Add Post" button. The process includes filling in necessary details and uploading relevant images.**

**Deleting Posts: Administrators can also delete outdated or irrelevant posts as needed.**

This screenshot shows a new post creation form. It has sections for 'Title - Arabic' and 'Title - English' (both empty). The 'Content' section contains a rich-text editor. 'Short Description' and 'Keywords' fields are empty. In the 'Page Details' section, 'Specialization' is set to 'Yoga' and 'Published' is checked. The 'Image' section has a 'Choose File' button. At the bottom are 'Submit' and 'Reset' buttons.

## Slideshows:

**Slideshow Management:** While not currently in use, this section was added to potentially showcase courses or blog posts in a slideshow format. Although this feature is not active, it has been retained for possible future use.

## Users

**User Management:** This section lists all staff members of the club, including details such as:

**NameRole:** Possible roles include Admin, Writer, or Editor.

User Management						
#	Name	Email	Role	Status	Action	
1	ahmed	ahmed@gmail.com	admin	Active	 	
2	nareman	nareman.taher@hotmail.com	admin	Active	 	
3	Sara moshiko	Sara@gmail.com	writer	Active	 	
4	Zeev Admin	Zeev.Admin@gmail.com	admin	Active	 	
5	Ahmed Mahamid	Ahmed.admin@gmail.com	editor	Active	 	

**Adding New Staff:** Administrators can add new staff members by clicking the "Add User" button, assigning them appropriate roles within the system.

User Details	
Name	<input type="text"/>
Email	<input type="text"/>
Password	<input type="password"/>
Role	<input type="text"/>
Status	<input type="text"/>
<input type="button" value="Submit"/>	

## Settings

**Club Settings:** This section allows administrators to modify essential details about the club, such as the club's name, description, location, operating hours, and social media links. These settings ensure that the website reflects the most current and accurate information.

**Translations**

Arabic	Hebrew	English
--------	--------	---------

Site Name - אונליין FITHUB

Site Description

Our sports club offers a comprehensive platform where members can easily manage their fitness activities, enroll in diverse courses, and connect with expert instructors. We aim to foster a healthy community through professional training, modern facilities, and personalized support for all fitness levels.

Keywords

Sports club, fitness management, member registration, training courses, wellness community, expert instructors, modern facilities, personalized fitness.

Message address

Stay Fit, Stay Connected, Stay Ahead.

Address

Tel Aviv

Weekdays Days

Monday - Friday

Weekends Days

Saturday - Sunday

**Working Hours**

Weekdays Start Time	07:00	Weekdays End Time	22:00
Weekends Start Time	07:00	Weekends End Time	20:00

**Settings**

Fax

91 555 234-8765

Phone

0509479499

WhatsApp

91 555 234-8765

Email

dminsofficial@gmail.com

Waze link

1247/Plot No. 39, 15th Phase, Colony, Kukatpally, Hyderabad

**Social Media**

Facebook link	<a href="https://www.facebook.com/Sport_Club/">https://www.facebook.com/Sport_Club/</a>	Instagram link	<a href="https://www.instagram.com/Sport_Club">https://www.instagram.com/Sport_Club</a>
tiktok link	<a href="https://www.tiktok.com/Sport_Club">https://www.tiktok.com/Sport_Club</a>	YouTube link	<a href="https://www.facebook.com/Sport_Club">https://www.facebook.com/Sport_Club</a>
Twitter link	<a href="https://www.X.com/Sport_Club">https://www.X.com/Sport_Club</a>		

**Images**

Logo



favicon

Logo

Choose File No file chosen

**Submit** **Reset**

## Payment

**Payment Management:** This section provides a comprehensive overview of all payments made by members, including:

Member Name	Course Name	Amount Paid
Zeev cohen	Yoga for Flexibility	120
Zeev cohen	Water Exercise	65
moshe	Yoga for Flexibility	120
moshe	Powerlifting Basics	85
mlk	Powerlifting Basics	30

**Payment Type:** The payment methods are categorized into:

Cash	Credit Card	Bank Transfer
credit_card	credit_card	cash

**Payment Status:** Paid: Full payment has been received. Partial: A partial payment has been made, typically relevant for cash payments.

List Payments								
#	Member	Course	Amount Paid	Payment Method	Status	Added date	Action	
1	Zeev cohen	Yoga for Flexibility	120	credit_card	Paid	01-09-2024		
2	Zeev cohen	Water Exercise	65	credit_card	Paid	02-09-2024		
3	moshe	Yoga for Flexibility	120	credit_card	Paid	04-09-2024		
4	moshe	Powerlifting Basics	85	credit_card	Paid	04-09-2024		
5	mlk	Powerlifting Basics	30	cash	Partial	15-09-2024		

**Adding Payments:** Administrators can manually add payments, including those made outside the online system (e.g., in-office cash payments). The system allows for partial payments, ensuring flexibility in managing member finances.

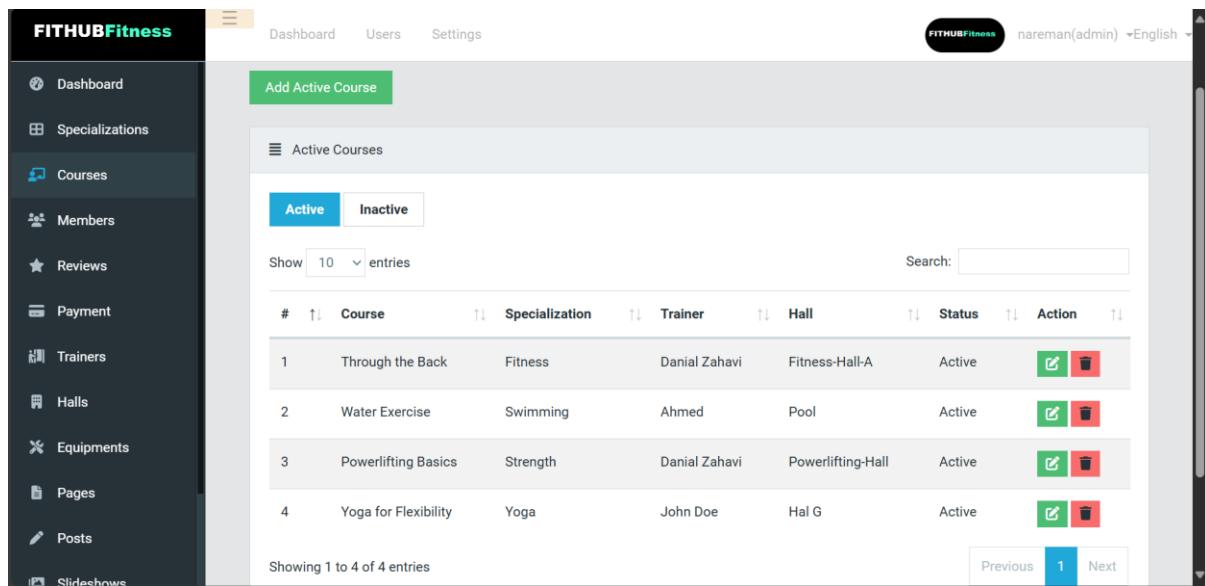
Payment Details

Search Member	<input type="text"/>
Member	<input type="text"/>
Course	<input type="text"/>
Discount	<input type="text"/>
Final Price	<input type="text"/>
Amount Paid	<input type="text"/>
Remaining Amount	<input type="text"/>
Payment Method	<input type="text"/>
Payment Date	<input type="text"/>
Status	<input type="text"/>

## Notes

### 1. Sidebar Visibility

The sidebar is a constant element throughout the website, remaining visible after every action to ensure seamless navigation. However, in the provided images, the sidebar is not displayed as the images have been cropped for clarity and focus on specific content.

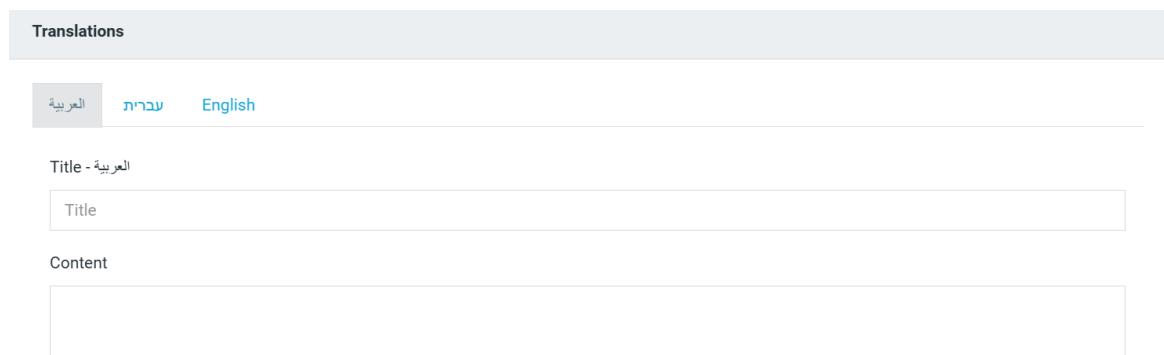


A screenshot of the FITHUBFitness website's admin interface. The left sidebar is visible, showing various management options like Dashboard, Specializations, Courses, Members, Reviews, Payment, Trainers, Halls, Equipments, Pages, Posts, and Slideshows. The main content area shows a list of 'Active Courses'. At the top right of the content area, there is a user profile for 'nareman(admin)' and a language dropdown set to 'English'. A green button labeled 'Add Active Course' is at the top left of the content area. The list table has columns for #, Course, Specialization, Trainer, Hall, Status, and Action. Each row contains a course name, its specialization, the trainer's name, the hall it's in, its status (Active), and two small icons for edit and delete. The table shows 4 entries, with page navigation buttons for Previous, Next, and a page number '1'.

#	Course	Specialization	Trainer	Hall	Status	Action
1	Through the Back	Fitness	Danial Zahavi	Fitness-Hall-A	Active	
2	Water Exercise	Swimming	Ahmed	Pool	Active	
3	Powerlifting Basics	Strength	Danial Zahavi	Powerlifting-Hall	Active	
4	Yoga for Flexibility	Yoga	John Doe	Hal G	Active	

### 2. Multilingual Support

The website supports three languages: Arabic, Hebrew, and English. For much of the content creation process, a translation field appears with the corresponding sections in each of the three languages. For example, when adding a new course, if you wish for it to be available in all three languages, you must fill out the details in each language. However, if you prefer to provide the information only in English, you have the option to do so without completing the other language fields.:



A screenshot of a multilingual content creation form. At the top, there is a header 'Translations' and tabs for 'العربية' (Arabic), 'עברית' (Hebrew), and 'English'. The 'Arabic' tab is currently active. Below the tabs, there are two input fields: 'Title' and 'Content'. The 'Title' field contains the text 'العنوان -' followed by a placeholder 'Title'. The 'Content' field is a large text area with a placeholder 'Content'.

# Maintenance Guide

## Technology Summary:

Backend: PHP (Laravel 9)

Frontend: HTML, CSS (Bootstrap), JavaScript (jQuery)

Database: MySQL

Template Engine: Blade

Libraries: DataTables, Laravel Localization

## Development Tools:

VS Code

Composer

Node.js and npm

Local server

## Technical Details:

### 1. Backend (PHP Laravel 9)

Laravel Usage: Laravel is used as a robust framework for managing data and server processes via the MVC (Model-View-Controller) architecture. This includes handling databases, processing requests, managing authentication, and other functionalities.

### 2. Frontend (HTML, CSS, JavaScript)

HTML: Used for structuring content and displaying data.

CSS (Bootstrap): Used for designing a responsive and attractive user interface. Bootstrap offers ready-made components and flexible layouts that help in developing user interfaces efficiently.

JavaScript (jQuery): Enhances interactivity on the frontend by handling events and updating elements without reloading the page.

### 3. Database (MySQL)

MySQL: A relational database used to store and manage data like users, events, and courses. Laravel manages database interactions through the Eloquent ORM.

#### 4. Template Engine (Blade)

Blade: Utilized for creating dynamic HTML templates by embedding data from Laravel, allowing for reusable interfaces and efficient management of display logic.

#### 5. Libraries

DataTables: Used for enhancing the display of data in tables with features such as filtering, searching, and interactive sorting.

Laravel Localization: Provides translation and localization support, enabling the application to present a multilingual interface to cater to users from different linguistic backgrounds.

#### 6. Development Tools

VS Code: The main code editor used for writing and modifying the code.

Composer: Manages the libraries and dependencies needed by the application.

Node.js and npm: Used for managing frontend dependencies.

### Applying the Technologies in the Project:

Laravel: Manages the database, processes frontend requests, handles authentication and registration, and executes backend logic.

HTML & CSS (Bootstrap): Designs and structures the user interface for the control panel and the website.

JavaScript (jQuery): Improves frontend interactivity.

MySQL: Stores and organizes data efficiently.

Blade: Creates dynamic HTML templates displaying data from Laravel.

DataTables: Displays data in interactive tables with sorting and searching features.

Laravel Localization: Manages translations and multilingual support.

VS Code: Primary code editor.

Composer: Manages libraries and dependencies.

Node.js and npm: Manages frontend dependencies.

Local Server: For running and developing the application.

## Project Development Environment Requirements:

Operating System: Windows

Web Server: XAMPP (version 8.0 or higher)

Database Engine: MySQL

Programming Framework: PHP (Laravel 9)

PHP Version: 8.1 or higher

Development Environment: Visual Studio Code

Dependency Management: Composer

### Setting Up the Sports Club Management System Development Environment

This section outlines all the necessary steps to set up the development environment, ensuring smooth operation and development of the system. Key steps include:

#### 1. Installing the Programming Language - PHP

PHP version 8.1 or higher is required, as the project depends on Laravel 9.

You can download PHP from sources like XAMPP (which also includes Apache and MySQL) or install it separately.

Download link: <https://www.php.net/downloads>.

#### 2. Using Composer, PHP's Dependency Manager:

```
composer global require laravel/installer
```

#### 3. Installing the Database - MySQL

The project relies on MySQL to store and manage data.

MySQL is installed as part of XAMPP or can be installed separately.

Download link: <https://dev.mysql.com/downloads/>.

Create a new database for the project and update the connection in the .env file in Laravel:

```
DB_CONNECTION=mysql
```

```
DB_HOST=127.0.0.1
```

```
DB_PORT=3306  
DB_DATABASE=newalmrkz_fithub  
DB_USERNAME=newalmrkz_fithub  
DB_PASSWORD=fithub#nare#2024
```

#### 4. Installing Node.js and npm

Node.js and npm are required to manage frontend dependencies (CSS, JavaScript).

Download link: <https://nodejs.org>

After installation, run the following commands in the project directory to install all necessary dependencies:

```
-npm install
```

To run the frontend files during development, execute:

```
-npm run dev
```

#### 5. Installing Project Libraries and Dependencies

During development, the system relies on some additional libraries and dependencies:

Bootstrap: For styling the user interface (CSS).

DataTables: To manage dynamic tables with features like search, sorting, and data display.

Laravel Localization: To manage translations and multi-language support.

#### 6. Version Control System - Git

It is essential to install and set up a version control system like Git to manage the code.

After installation, you can initialize a Git repository for the project:

```
-git init
```

#### 7. Setting Up Environment Variables

For complex projects, you may need to set up environment variables like API keys or database connection details.

These variables can be configured in the project's .env file.

## 8. Cloud Connectivity (Optional)

If cloud storage or backend services are required, you can leverage platforms like Google Cloud or AWS.

For example, Firebase can be used to manage real-time databases or file storage.

## **running the Sports Club Project on Another Device:**

These are the complete steps to run the Sports Club project on a different device, detailing the requirements that must be installed on the machine before moving the project to the server directory.

### 1. Prerequisites

Before transferring and running the project, ensure that the following tools are installed on the device:

XAMPP or WAMP: To set up the local server with Apache and MySQL.

Composer: To manage Laravel dependencies.

Node.js: To install and manage frontend dependencies (JavaScript and CSS).

### 2. Transfer the Project and Run It

#### 2.1. Move the project folder (sport\_club) to the following path (in case of XAMPP):

C:\xampp\htdocs

Start XAMPP

#### 2.2. :Open XAMPP and start both Apache and MySQL.



### 3. Create the database in phpMyAdmin:

Open the browser and navigate to phpMyAdmin using this link:

- <http://localhost/phpmyadmin>

### 4. Create a new database named sport\_club or any name of your choice.

### 5. After creating the database, import the SQL file that contains the project tables.

- Select the database you created.
- Click Import and select the SQL file for the tables.
- Click Go to import the tables.

Update the .env File

### 6. Open the project's .env file in a code editor and update the database connection settings accordingly.

### 7. Run Composer and npm Commands

Open a terminal or command prompt inside the project folder and run the following commands:

```

composer install
npm install
npm run dev

```

### 8. Start the Server

Run the Laravel server using the following command:

```
php artisan serve
```

You can access the project at:

<http://localhost:8000>

## 9. Test the project:

Ensure that all project features are working properly, including:

- Connecting to the database.
- Logging in users.
- Viewing and managing courses and users.

## .Tests:

### Unit Tests:

#### Registration

Registration		
Number	Test Subject	Expected Result
1	Enter a username that already exists in the system	System Displays: “The username already exists, try another”
2	Enter a short password	System Displays: “The password is too short, please enter at least 8 characters”
3	Enter an email that already exists in the system	System Displays: “The email address is already being used”
4	Enter an invalid email address	System Displays: “Invalid email address”
5	According to the date of birth entered the user is under the age of 16	System Displays: “The use of the application is only allowed from the age of 16 and above”
6	There is an empty field	System Displays: “Please fill in all required fields”
7	The registration has been completed	The system switches to the home page screen

## Login:

Login		
Number	Test Subject	Expected Result
1	There is an empty field	System Displays: "Please fill all required fields"
2	Enter a password shorter than 8 characters	System Displays: "The password invalid"
3	Enter a username that doesn't exist in DB	System Displays: "Username or Password is incorrect"
4	Enter an incorrect password	System Displays: "Username or Password is incorrect"
5	Successful login	System switches to user home page screen

## Course Registration:

Course Registration		
Number	Test Subject	Expected Result
1	Enter invalid payment details	System Displays: "Payment failed: Invalid payment details"
2	Attempt to register without being logged in	System Displays: "Please log in to register for the course"
3	Register for a full course	System Displays: "Registration failed: Course is full"
4	Register with missing fields	System Displays:

		"XXXX is required"

### Course Creation (Admin):

<b>Course Creation (Admin)</b>		
<b>Number</b>	<b>Test Subject</b>	<b>Expected Result</b>
<b>1</b>	Enter invalid course dates	System Displays: "Start date must be before the end date"
<b>2</b>	Enter an empty course name	System Displays: "Course name is required"
<b>3</b>	Set negative course duration	System Displays: "Duration must be a positive number"

### Messaging System:

<b>Messaging System</b>		
<b>Number</b>	<b>Test Subject</b>	<b>Expected Result</b>
<b>1</b>	Send a message with an empty content	System Displays: "Message content cannot be empty"
<b>2</b>	Successfully send a message	System Displays: "Message sent successfully!"

## Manual testing

Test Case	Steps	Expected Results
Navigation from the login screen to the main screen after successful login	Open the application, enter valid login credentials, and click on the 'login' button	The application should navigate to the main screen
Navigate from the main screen to the Profile screen using the navigation bar.	On the main screen, click on the 'Profile' tab in the navigation bar	The application should navigate to the Profile screen
Updating User Profile Information	Access the Profile screen, edit user profile information (e.g., name, email, phone number), and save the changes.	The updated user profile information should be successfully saved and reflected in the system.
Navigation from the main screen to a specific course	Click on a course from the section courses	The application should navigate to the specific course screen and display comprehensive information about the selected course
Viewing Registered Courses	Access the user's profile (dashboard) and navigate to the section displaying registered courses.	The application should display a list of courses that the user has successfully registered for.
Logging Out	From any screen, log out of the application.	The application should successfully log the user out.

## . Results & Conclusion:

The development of the Sports Club Management System has successfully met my goals, resulting in an intuitive and efficient platform for managing club activities, courses, and member interactions. By integrating modern web technologies such as PHP (Laravel), MySQL, Bootstrap, and JavaScript (jQuery, Axios), I have created a system that is both robust and user-friendly. The project involved substantial research and feedback from club managers, members, and instructors, helping me design a solution that addresses key pain points such as course management, scheduling, and member communications.

One of the significant achievements of this project is the seamless integration of dual interfaces—one for club managers and another for members. This dual interface ensures that the system meets the different needs of each user group, whether it's administrative tasks or member activity tracking. Challenges related to data security, scalability, and user adoption were effectively managed, resulting in a platform that is both secure and scalable for future growth.

To ensure the reliability and functionality of the system, I personally conducted rigorous testing. This involved checking each feature, from course registration to real-time messaging, to ensure that the platform performs optimally without any errors or usability issues. These tests confirmed that the system is not only reliable but also easy to navigate, offering a smooth user experience.

In conclusion, the Sports Club Management System has succeeded in streamlining club operations while offering members an engaging and accessible platform. It not only simplifies administrative tasks for club managers but also provides members with an enriched experience by enabling them to register for courses, communicate with instructors, and track their progress. The system's scalability and robust architecture ensure its ability to handle growing user demands, making it a long-term solution for sports clubs.

## . References

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