

Gym Management Web Application

Project Report

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internship ID: CRIN2301937

[github-link](#)

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FITFusion

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Abstract

The Gym Management Web Application is a cloud-based platform that provides a comprehensive solution for gym owners and members to manage their fitness routines, memberships, and user accounts.

Introduction

- Simplifying gym administration
- Seamless experience for gym members
- Role-based access for admins and members

Technologies Used

- Front-end: HTML, CSS, JavaScript
- Backend: Firebase (Authentication, Firestore, Functions)
- Hosting: Firebase Hosting (emulator - local hosting)

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About Us

Welcome to FitFusion - Where Fitness Meets Fun!

Fit Fusion is not just a gym; it's a community of fitness enthusiasts committed to achieving their goals and living a healthier lifestyle. Our expert trainers and state-of-the-art facilities are designed to provide you with the support and motivation you need to succeed.

[More](#)



Best Price

Pricing

FITFusion

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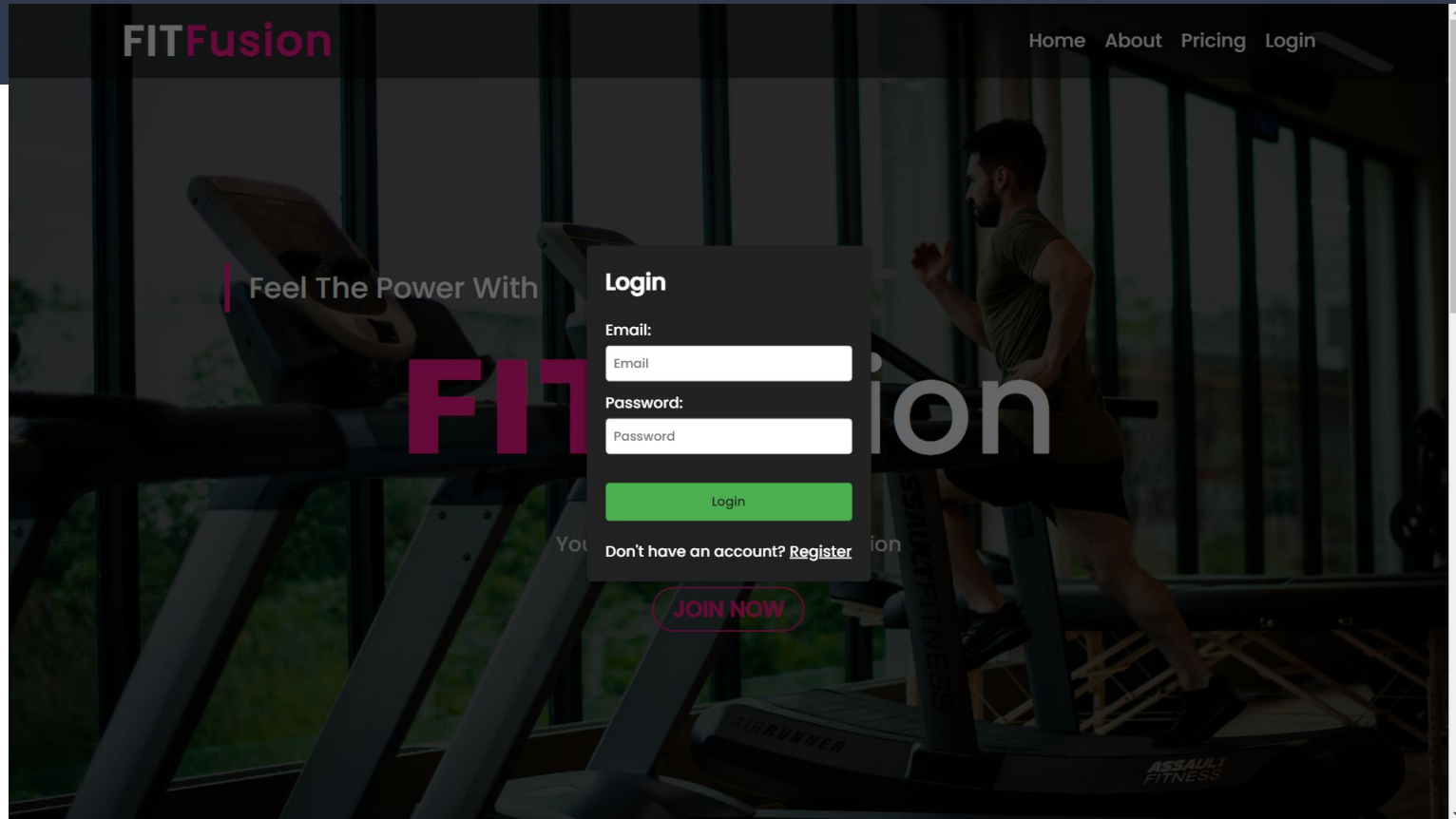
Best Price

Choose a Plan that Fits Your Fitness Journey

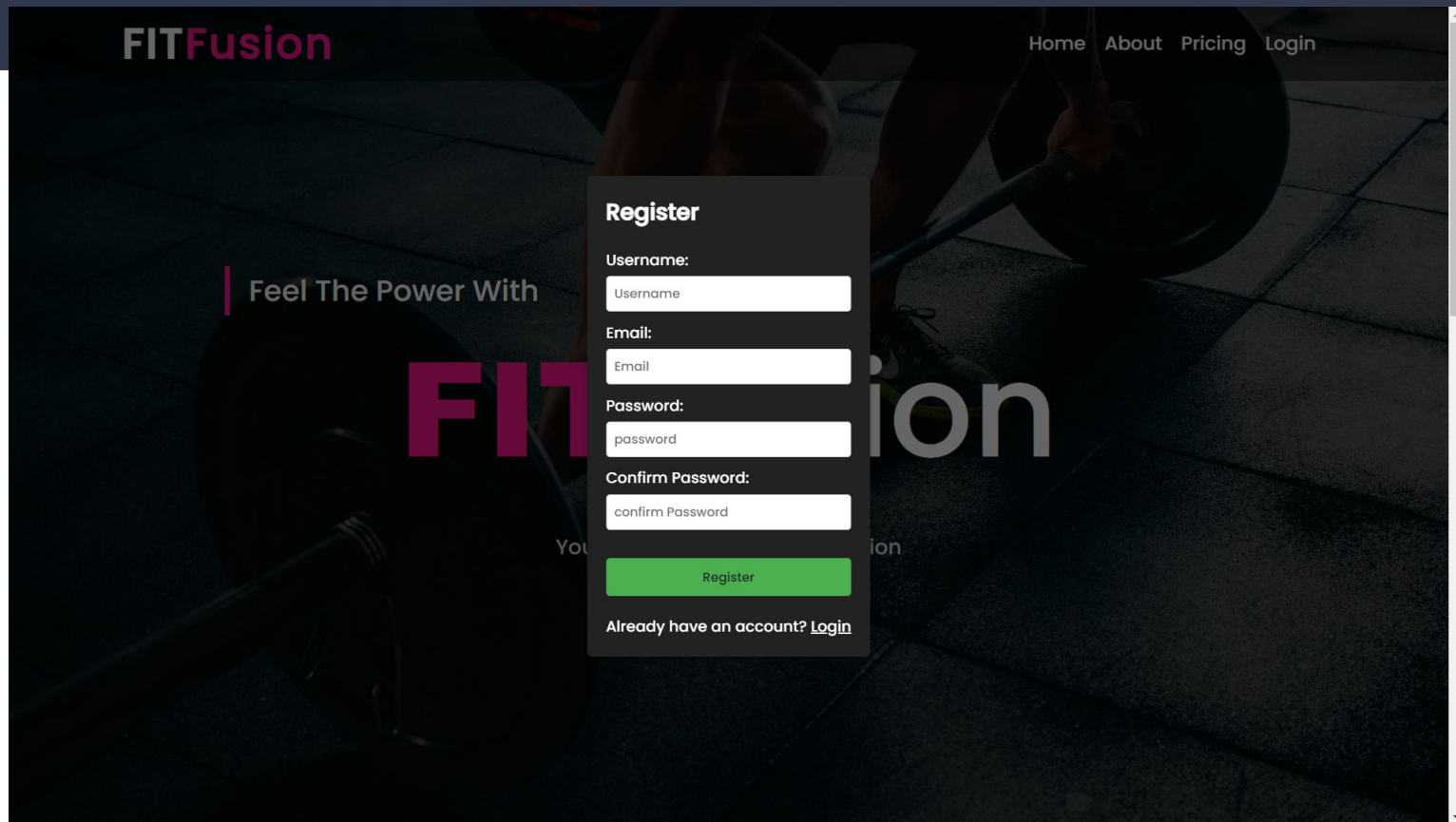
Basic	Standard	Premium
1	3	6
Months	Months	Months
\$ 499	\$ 1349	\$ 2499
BUY	BUY	BUY

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Login



Register

The image shows a registration form overlay on a dark background featuring a person lifting a barbell. The background has the text 'Feel The Power With' and 'FITFusion' in large letters. The registration form is a dark gray box with white text and input fields. It includes fields for Username, Email, Password, and Confirm Password, each with a placeholder text. A green 'Register' button is at the bottom of the form. Below the button, there is a link for users who already have an account.

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Register

Username:

Email:

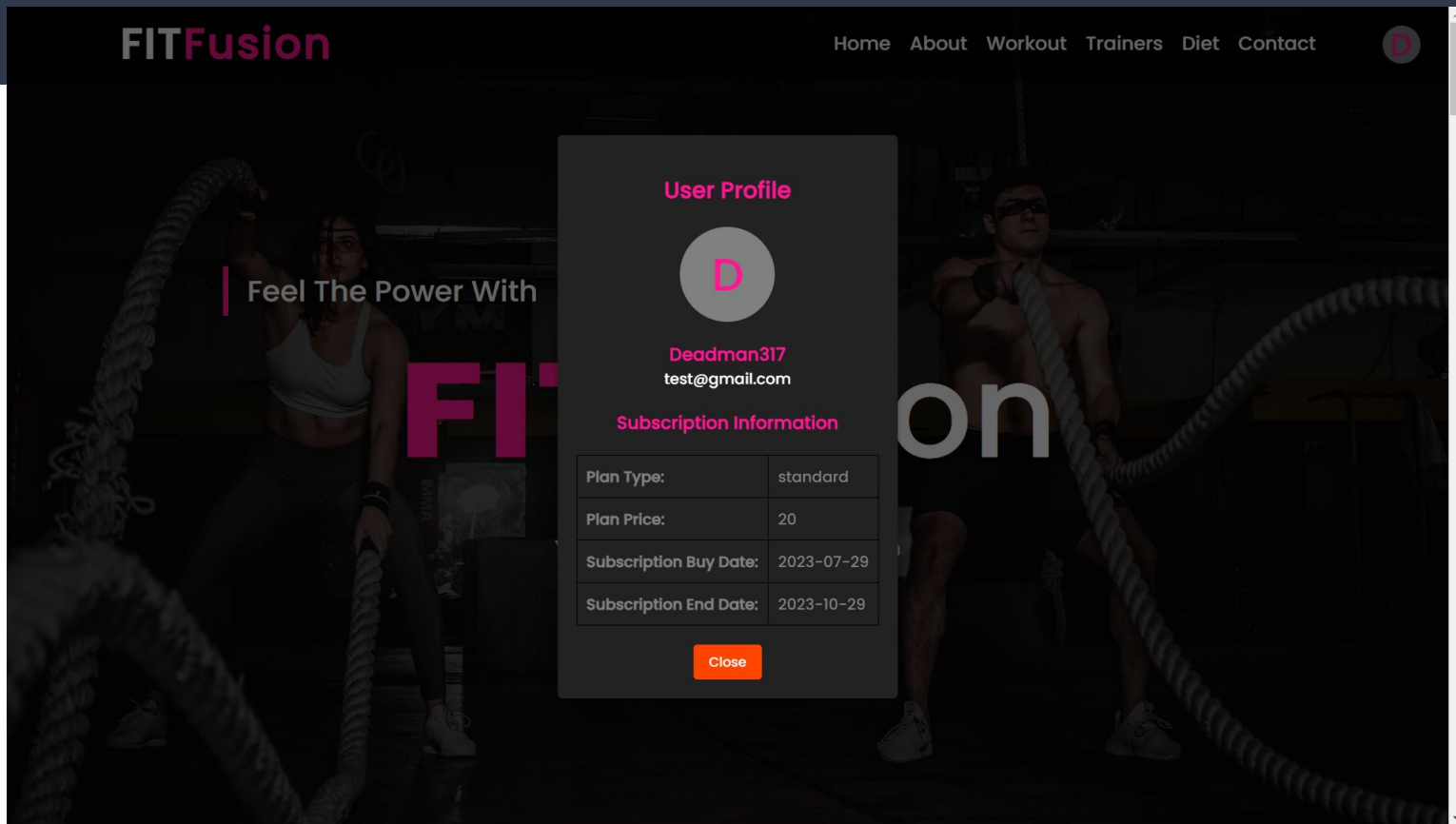
Password:

Confirm Password:

[Register](#)

Already have an account? [Login](#)

Profile



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Feel The Power With

User Profile

D

Deadman317
test@gmail.com

Subscription Information

Plan Type:	standard
Plan Price:	20
Subscription Buy Date:	2023-07-29
Subscription End Date:	2023-10-29

Close

Workout

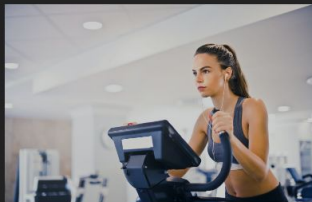
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Workout

Welcome to our Fitness Center



Cardio Workouts

Get your heart pumping and burn those calories with our high-intensity cardio workouts. Whether it's running on the treadmill or cycling on a stationary bike, we have the best cardio routines to boost your fitness levels.



Strength Training

Build muscle and increase strength with our comprehensive strength training programs. Our expert trainers will guide you through various exercises and weightlifting techniques to help you achieve your fitness goals.



Yoga and Meditation

Relax your mind and body with our rejuvenating yoga and meditation sessions. Reduce stress, improve flexibility, and find inner peace through our calming yoga classes led by experienced instructors.



CrossFit Workouts



Dance Fitness



Pilates

Trainers

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Best Trainers

Get to know our team of dedicated and experienced fitness experts



John Smith



John Smith is a certified personal trainer with over 10 years of experience in the fitness industry. He specializes in strength training and weightlifting, helping clients achieve their fitness goals efficiently and safely.

[Explore](#)



Emily Johnson



Emily Johnson is a passionate yoga instructor and mindfulness coach. She believes in the transformative power of yoga and meditation, guiding her students towards a balanced and harmonious mind-body connection.

[Explore](#)



Diet

Special Diet

Discover our carefully curated selection of nutritious and delicious meals



Grilled Chicken Salad

Indulge in our delectable grilled chicken salad, packed with lean protein and fresh vegetables. This nutritious and flavorful dish is perfect for those seeking a light yet satisfying meal to fuel their active lifestyle.

Whole Grain Bread


Enjoy our wholesome whole grain bread, rich in fiber and essential nutrients. Whether you're making a sandwich or pairing it with your favorite soup, our bread is a delicious and nourishing choice for a balanced diet.



Contact

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Contact

We'd love to hear from you! Get in touch with us.

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Admin

FITFusion

Add Member



Members List

members and their subscription details

Email : **mario@gmail.com**



Email : **test@gmail.com**



Application Features

- Application Features
- User Registration and Login
- Background Image Slideshow
- Role-based Access
- Member Subscription
- Member Profile
- Account Management
- Automatic Background Image Change

Code Overview

- index.html, index-script.js
- member.html, member-script.js
- user.html, user-script.js
- admin.html, admin-script.js
- auth.js - for handling authentication
- style.css - css for all in one file
- functions/index.js - firebase cloud functions for handling admin request.

Conclusion

- Efficient solution for gym owners
- Role-based access control
- Firebase for security and scalability

Future Enhancements

- Future Enhancements
- Payment Gateway Integration
- Personalized Features for Members
- Improved User Interface
- Email Notifications

Thank You!

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