

# PYTHON

# FITNESS

# FIRST GYM

E- Project Report



# Our Team

**DESIGN DEVELOPED & MANAGED BY**

- **Momna Khan**
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# Acknowledgement

**We would like to thanks ALLAH and our Aptech DHA center management specially our teacher Sir Noman Ishaq to give us an amazing platform to showcase our skills.**

**Thank you  
Regards team members**



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# Problem Statement

Problem statement is attached separately in a file “**GYM Management System**”

## Standards plan:

Every code block must have comments.

The logic of the program needs to be explained. Proper documentation should be maintained.

Complete Project Report along with synopsis, code and documentation should be prepared.

## Documentation:

No project is complete without documentation. In fact, it is one of the most important activities during the development of a project. The documentation of an ideal project will be in the form of a project report comprising of the following documents:

- Ø Certificate of Completion.
- Ø Table of Contents.
- Ø Problem Definition.
- Ø Customer Requirement Specification.
- Ø Project Plan.
- Ø E-R Diagrams.
- Ø Algorithms.
- Ø GUI Standards Document.
- Ø Interface Design Document.
- Ø Task Sheet.
- Ø Project Review and Monitoring Report.
- Ø Unit Testing Check List.
- Ø Final Check List.



# Proposed Solution

**"Fitness First GYM"** is looking for software designed to make it easy to maintain detailed records of members and their memberships, book classes and trainers, process and track sales, and communicate en mass with the right members at the right time.

Designed to fit clubs of all sizes, this gym software should be feature-packed. With a full booking system, point of sale, website integration, billing integration, online booking for clients.

This software will help to run the GYM more efficiently.

## Key Functionality

### Guest Users

- Guest user can view the website and check out the information about GYM.
- Guest users can also inquiry through contact us page.
- General information about trainers and equipment's should be mentioned.



## Register Users

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

## Admin

Admin is the super user of the website who can manage everything on the website. Admin can log in through the login page

- Dashboard: In this section, Admin can see the overview of bookings, listed packages, categories, and package types.
- Categories: In this section, the admin can add, and delete the categories.
- Package-Type: In this section, the admin can add, or delete the package type.
- Packages: In this section, admin can add, and edit packages;
- Bookings: In this section, the admin checks the new booking and partial/ full payment bookings. Here admin can also update the payment details against particular booking.
- Report: In this section, Admin can generate the between dates report for booking and registered users.
- Admin can also update his profile, change the password and recover the password



# Requirement Analysis

## Hardware

- A minimum computer system that will help you access all the tools in the courses is a Pentium 166 or better
- 128 Megabytes of RAM or better

## Operating System

- Windows 2000 Server (or higher if possible)

## Software

- Windows OS /Python/R/JAVA/Notepad

# Design Phase

Design phase involves the preparation of our website Which includes the following pages.

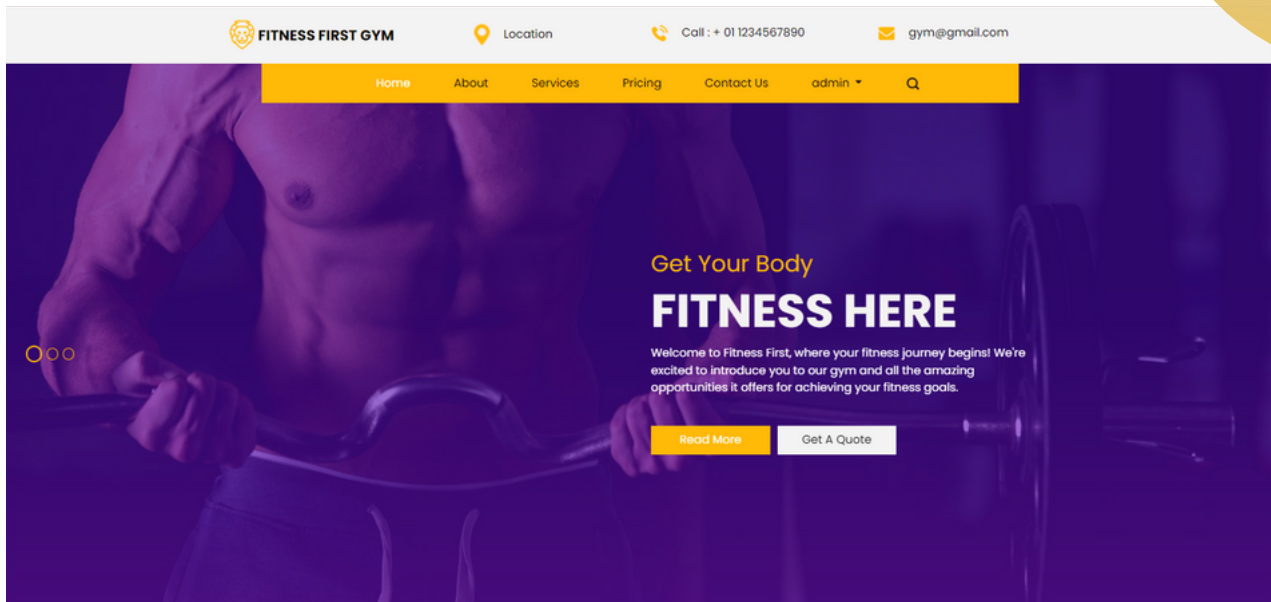
- Home
- About
- Services
- Pricing
- Contact Us
- Login
- Register



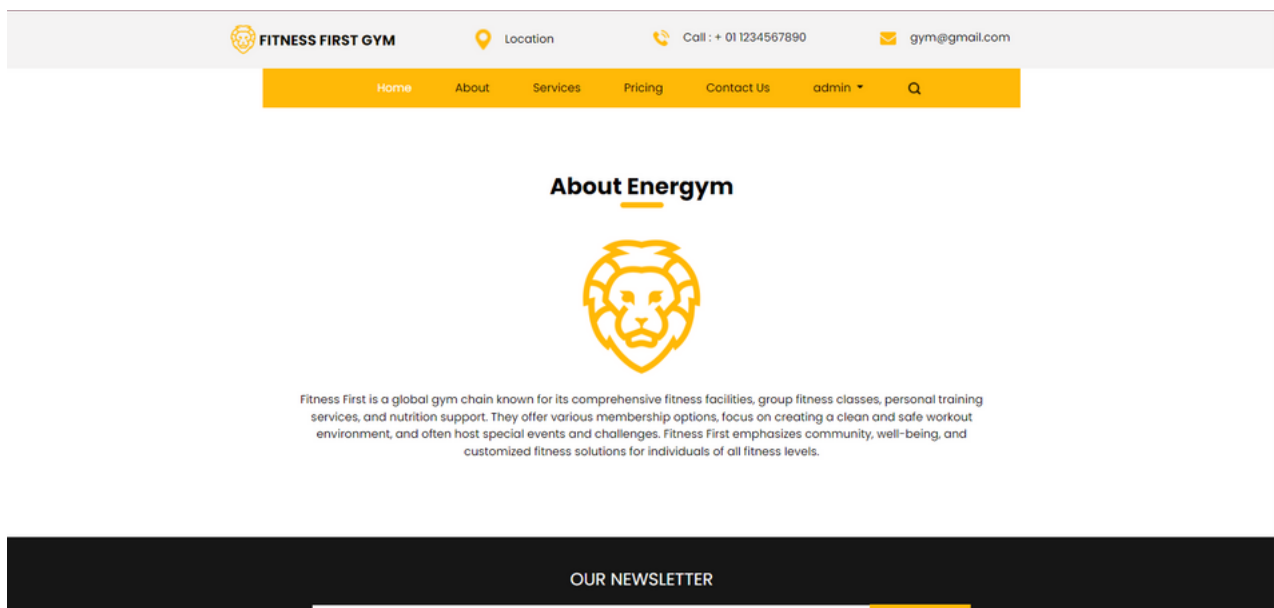


# Architecture of Web

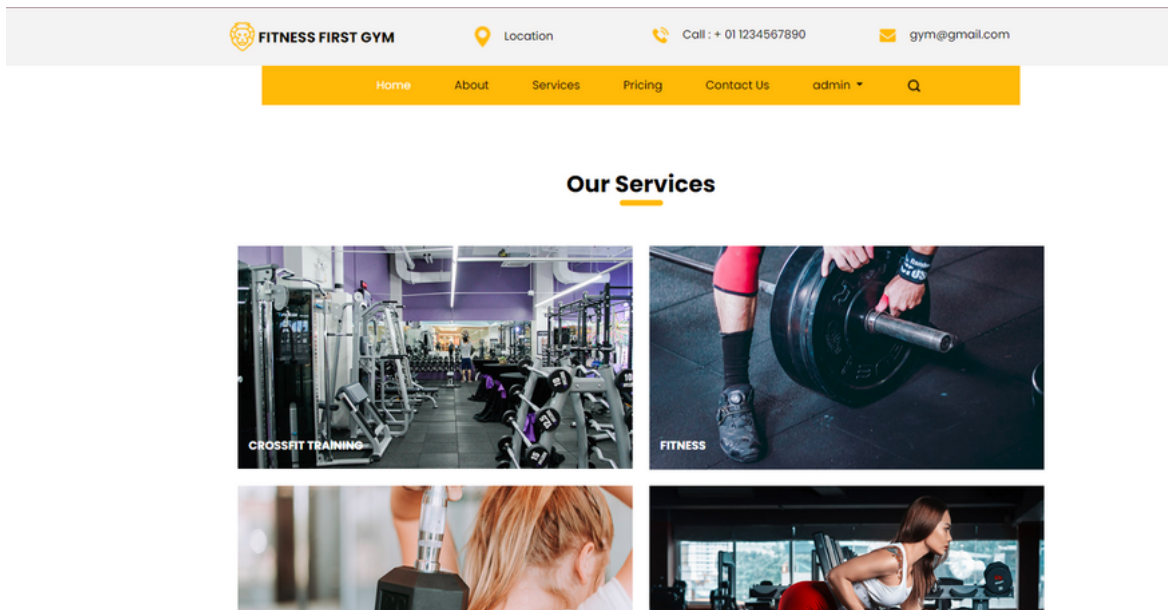
- Home



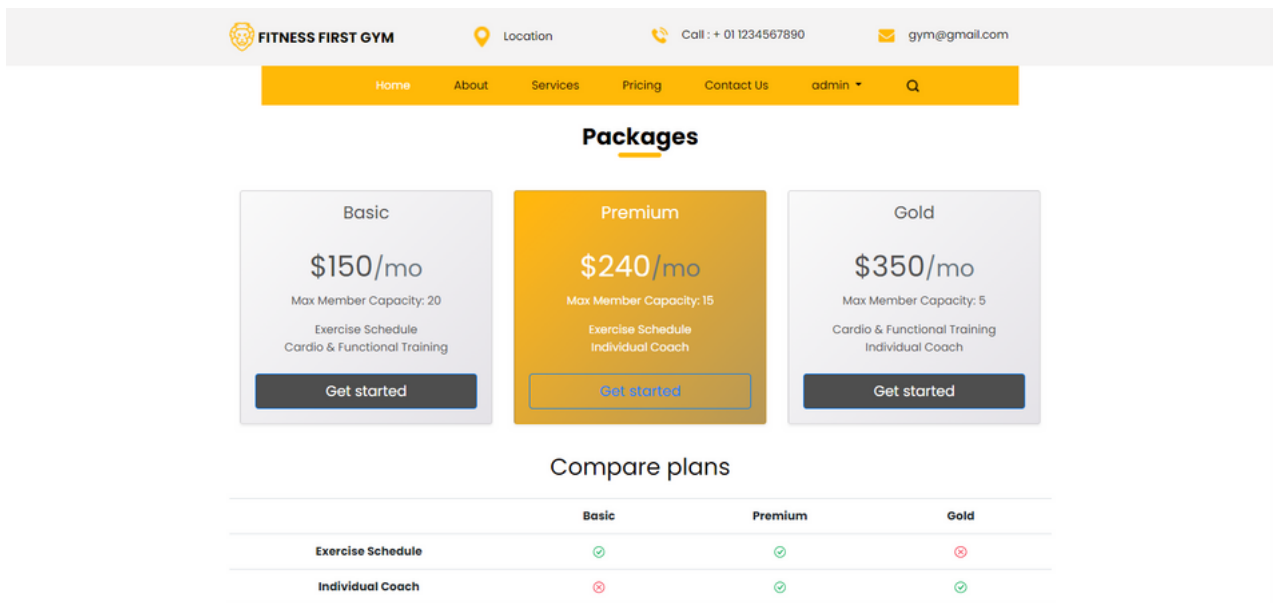
- About




## • Services





## • Pricing




## • Contact Us


**FITNESS FIRST GYM**


 Location


 Call : + 01 1234567890


 gym@gmail.com

[Home](#)
[About](#)
[Services](#)
[Pricing](#)
[Contact Us](#)
[admin](#)


Full name:


Email:


Phone:


Message:




## • Login


**FITNESS FIRST GYM**


 Location


 Call : + 01 1234567890


 gym@gmail.com

Username:

Password:

### OUR NEWSLETTER

**About Fitness First GYM**

consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation u

**Menus**

- Home
- About
- Services
- Contact Us
- Login

**Useful Links**

- Adipiscing
- Elit, sed
- do Eiusmod
- Tempor
- Incididunt

**Contact Us**

No.123, Ioram Ipsum  
+01 12345678901  
demo123@gmail.com



## • Register



FITNESS FIRST GYM



Location



Call : + 01 1234567890



gym@gmail.com

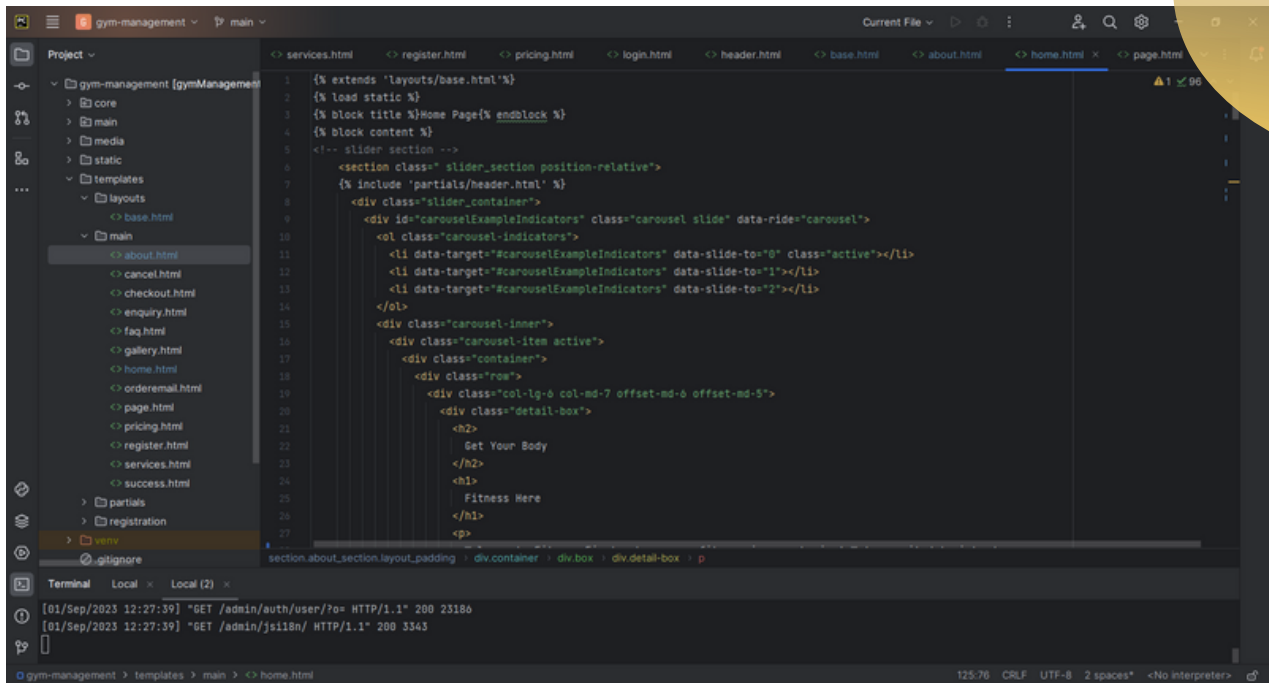
### Register

First name:	<input type="text"/>
Last name:	<input type="text"/>
Email address:	<input type="text"/>
Username:	<input type="text"/> <small>Required: 150 characters or fewer. Letters, digits and @/./+/-/_ only.</small>
Password:	<input type="password"/> <ul style="list-style-type: none"><li>• Your password can't be too similar to your other personal information.</li><li>• Your password must contain at least 8 characters.</li><li>• Your password can't be a commonly used password.</li><li>• Your password can't be entirely numeric.</li></ul>
Password confirmation:	<input type="password"/> <small>Enter the same password as before, for verification.</small>



# Evaluation/Testing

- Home

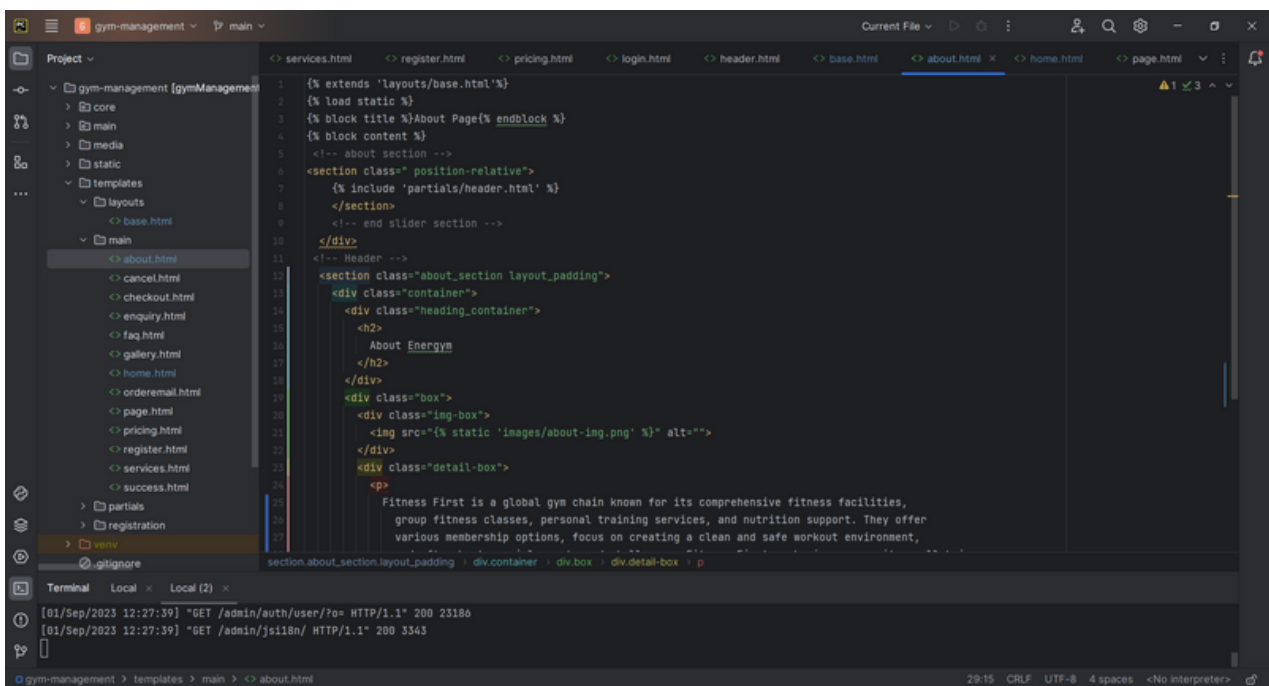


```
1 {% extends 'layouts/base.html' %}
2 {% load static %}
3 {% block title %}Home Page{% endblock %}
4 {% block content %}
5 <!-- slider section -->
6 <section class="slider_section position-relative">
7   {% include 'partials/header.html' %}
8   <div class="slider_container">
9     <div id="carouselExampleIndicators" class="carousel slide" data-ride="carousel">
10      <ol class="carousel-indicators">
11        <li data-target="#carouselExampleIndicators" data-slide-to="0" class="active"></li>
12        <li data-target="#carouselExampleIndicators" data-slide-to="1"></li>
13        <li data-target="#carouselExampleIndicators" data-slide-to="2"></li>
14      </ol>
15      <div class="carousel-inner">
16        <div class="carousel-item active">
17          <div class="container">
18            <div class="row">
19              <div class="col-lg-6 col-md-7 offset-md-6 offset-md-5">
20                <div class="detail-box">
21                  <h2>
22                    Get Your Body
23                  </h2>
24                  <h1>
25                    Fitness Here
26                  </h1>
27                <p>
```

Terminal Local x Local (2) x

```
[01/Sep/2023 12:27:39] "GET /admin/auth/user/?o= HTTP/1.1" 200 23186
[01/Sep/2023 12:27:39] "GET /admin/js118n/ HTTP/1.1" 200 3343
```

- About



```
1 {% extends 'layouts/base.html' %}
2 {% load static %}
3 {% block title %}About Page{% endblock %}
4 {% block content %}
5 <!-- about section -->
6 <section class="position-relative">
7   {% include 'partials/header.html' %}
8 </section>
9 <!-- end slider section -->
10 </div>
11 <!-- Header -->
12 <section class="about_section layout_padding">
13   <div class="container">
14     <div class="heading_container">
15       <h2>
16         About Energym
17       </h2>
18     </div>
19     <div class="box">
20       <div class="img-box">
21         
22       </div>
23       <div class="detail-box">
24         <p>
25           Fitness First is a global gym chain known for its comprehensive fitness facilities,
26           group fitness classes, personal training services, and nutrition support. They offer
27           various membership options, focus on creating a clean and safe workout environment,
```

Terminal Local x Local (2) x

```
[01/Sep/2023 12:27:39] "GET /admin/auth/user/?o= HTTP/1.1" 200 23186
[01/Sep/2023 12:27:39] "GET /admin/js118n/ HTTP/1.1" 200 3343
```



## • Services

```

1 @extends('layouts/base.html')
2 @loadStatic('')
3 @block('title') Services Page @endblock
4 @block('content')
5 <!-- about section -->
6 <section class="position-relative">
7     @include('partials/header.html')
8 </section>
9 <!-- end slider section -->
10 </div>
11 <!-- Header -->
12 <!-- service section -->
13
14 <section class="service_section layout_padding">
15     <div class="container">
16         <div class="heading_container">
17             <h2>
18                 Our Services
19             </h2>
20         </div>
21         <div class="service_container">
22             <div class="box">
23                 
24                 <h3 class="visible_heading">
25                     CROSSFIT TRAINING
26                 </h3>
27                 <div class="link_box">

```

Terminal Local (2)

```

[01/Sep/2023 12:56:11] "GET /admin/auth/user/?o= HTTP/1.1" 200 23186
[01/Sep/2023 12:56:11] "GET /admin/js118n/ HTTP/1.1" 200 3343

```

gym-management > templates > main > <> services.html 1:1 CRLF UTF-8 2 spaces\* <No interpreter>

## • Pricing

```

1 @extends('layouts/base.html')
2 @loadStatic('')
3 @block('title') Pricing @endblock
4 @block('content')
5 <!-- about section -->
6 <section class="position-relative">
7     @include('partials/header.html')
8 </section>
9 <!-- end slider section -->
10 </div>
11 <!-- Header -->
12 <!-- Main Start -->
13 <section class="container my-4">
14     <div class="heading_container">
15         <h2 class="text-center">Pricing</h2>
16     <!-- <p class="fs-500 text-center">plans that work for everyone</p-->
17 </div>
18 </section>
19 <main class="container">
20     <div class="row row-cols-1 row-cols-md-3 mb-3 text-center plans">
21         @foreach ($packages as $package)
22             <div class="col">
23                 @if ($package->highlight_status == True)
24                     <div class="card mb-4 rounded-3 shadow-sm plan--accent">
25                         <div class="card-header py-3 text-white">
26                             @if ($package)
27

```

Terminal Local (2)

```

[01/Sep/2023 12:56:11] "GET /admin/auth/user/?o= HTTP/1.1" 200 23186
[01/Sep/2023 12:56:11] "GET /admin/js118n/ HTTP/1.1" 200 3343

```

gym-management > templates > main > <> pricing.html 1:1 CRLF UTF-8 4 spaces <No interpreter>





## • Contact Us

The terminal at the bottom shows two GET requests:

```

[01/Sep/2023 12:56:11] "GET /admin/auth/user/? HTTP/1.1" 200 23186
[01/Sep/2023 12:56:11] "GET /admin/jslib/ HTTP/1.1" 200 3343

```

The status bar indicates 'gym-management > templates > main > enquiry.html' with settings '1:1 CRLF UTF-8 4 spaces <No interpreter>'."/>

## • Login

The terminal at the bottom shows two GET requests:

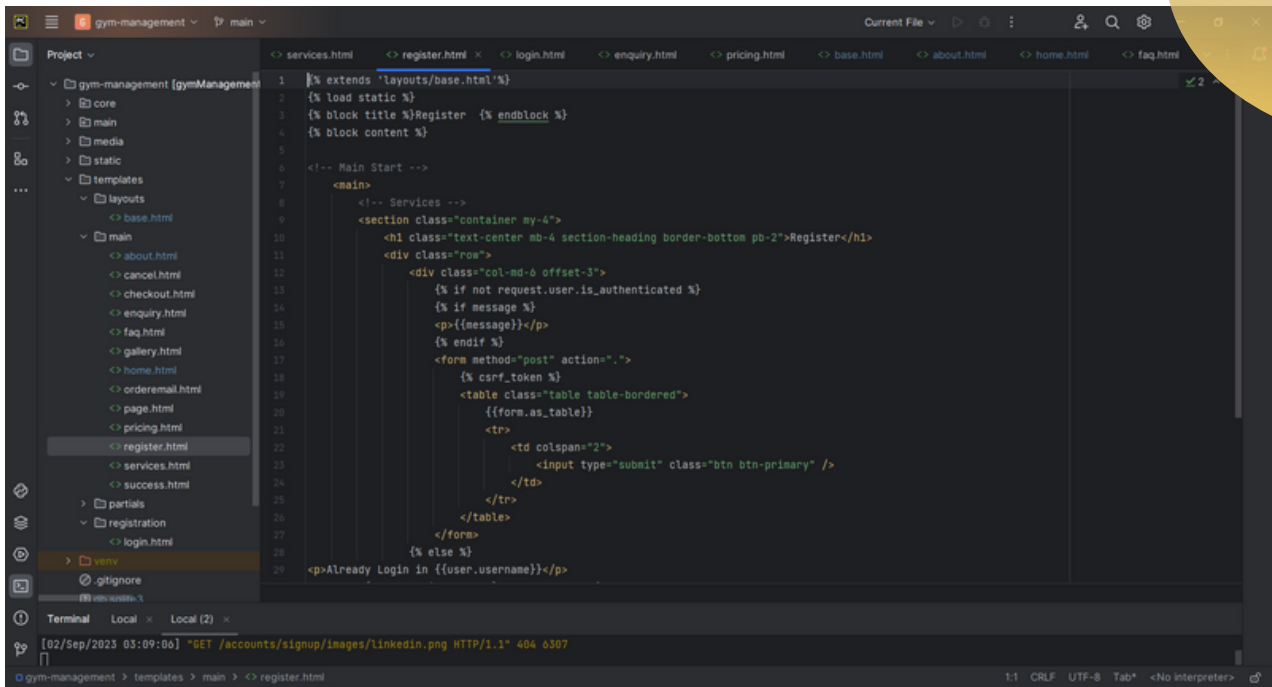
```

[01/Sep/2023 13:24:03] "GET /accounts/login/images/mail-white.png HTTP/1.1" 404 6310
[01/Sep/2023 13:24:03] "GET /accounts/login/images/Linkedin.png HTTP/1.1" 404 6304

```

The status bar indicates 'gym-management > templates > registration > login.html' with settings '1:1 CRLF UTF-8 Tab\* <No interpreter>'."/>

## • Register



```
1 @extends('layouts/base.html')
2 @loadStatic()
3 @blockTitle Register @endblock
4 @blockContent
5
6 <!-- Main Start -->
7 <main>
8     <!-- Services -->
9     <section class="container my-4">
10         <h1 class="text-center mb-4 section-heading border-bottom pb-2">Register</h1>
11         <div class="row">
12             <div class="col-md-6 offset-3">
13                 @if(not request.user.is_authenticated)
14                     @if(message)
15                         <p>{{message}}</p>
16                     @endif
17                     <form method="post" action=".">
18                         @csrf
19                         <table class="table table-bordered">
20                             <tr>
21                                 <td colspan="2">
22                                     <input type="submit" class="btn btn-primary" />
23                                 </td>
24                             </tr>
25                         </table>
26                     </form>
27                 @else
28                     <p>Already Login in {{user.username}}</p>
29                 @endif
30             </div>
31         </div>
32     </section>
33 </main>
34 </blockContent>
```

Terminal Local Local (2)

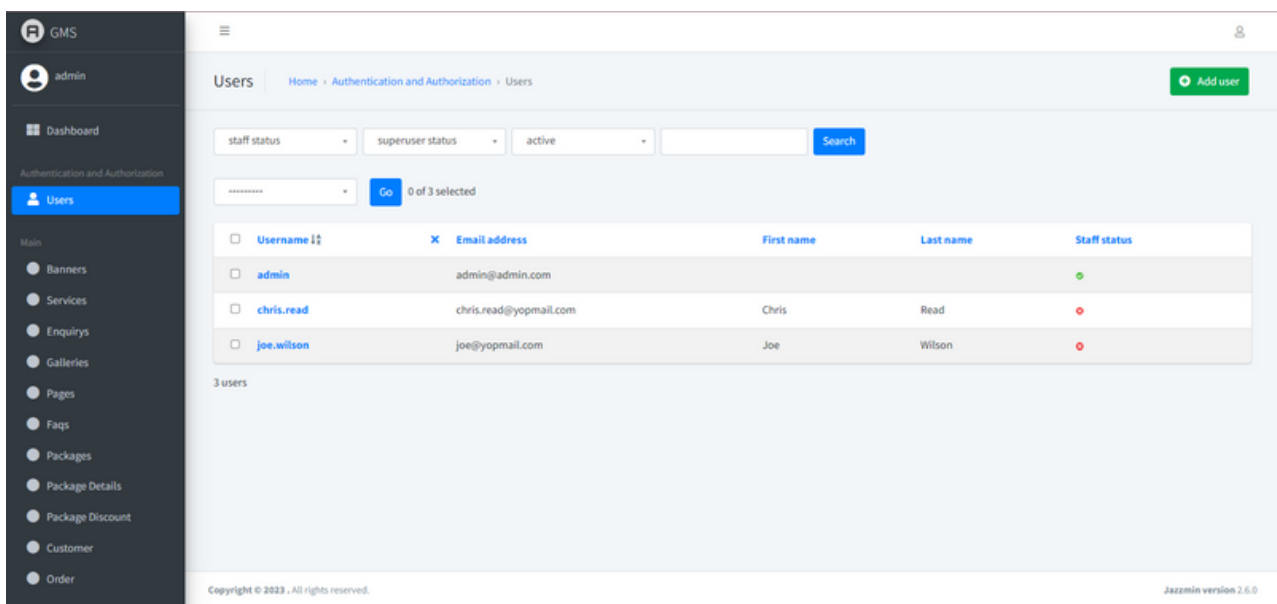
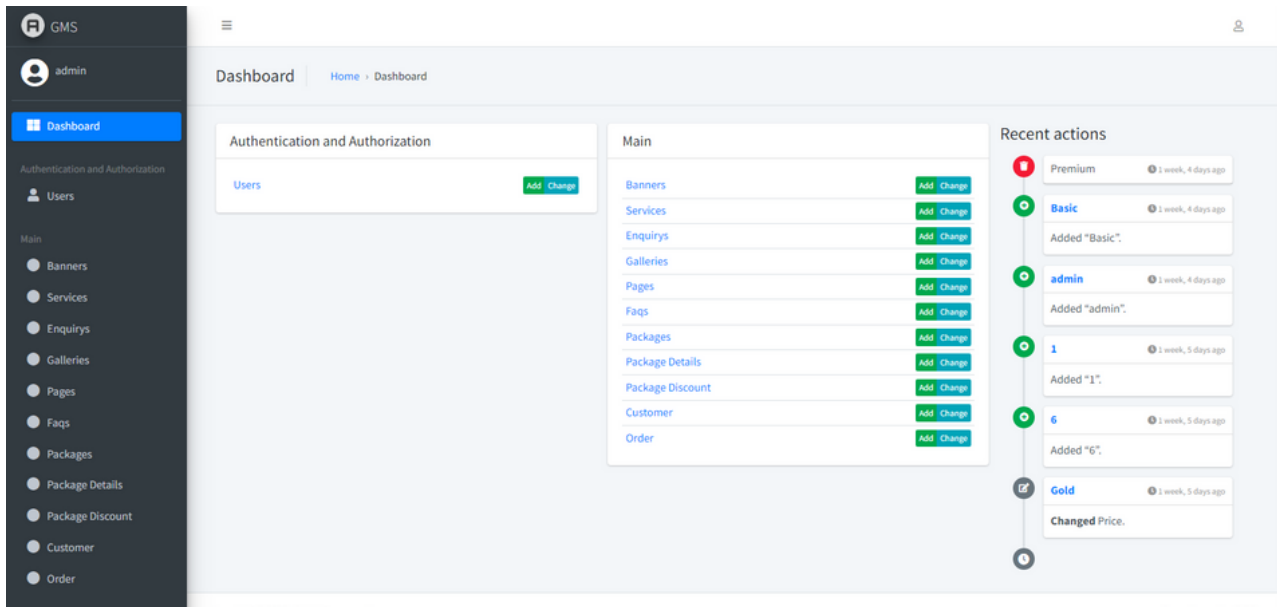
[02/Sep/2023 03:09:06] "GET /accounts/signup/images/linkedin.png HTTP/1.1" 404 6307

gym-management > templates > main > register.html

1:1 CRLF UTF-8 Tab\* <No interpreter>



# Architecture of Backend



GMS

admin

Dashboard

Authentication and Authorization

Users

Main

Banners

Services

Enquiries

Galleries

Pages

Faq

Packages

Package Details

Package Discount

Customer

Order

Enquiries

Home > Main > Enquiries

Add enquiry

Go

0 of 1 selected

<input type="checkbox"/>	Full name	Email	Phone
<input type="checkbox"/>	Muhammad Idrees	midesigner@gmail.com	03242340583

1 enquiry

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Jazzmin version 2.6.0

GMS

admin

Dashboard

Authentication and Authorization

Users

Main

Banners

Services

Enquiries

Galleries

Pages

Faq

Packages

Package Details

Package Discount

Customer

Order

Packages

Home > Main > Packages

Add package

Go

0 of 3 selected

<input type="checkbox"/>	Package name	Price	Highlight status
<input type="checkbox"/>	Gold	350	<input type="checkbox"/>
<input type="checkbox"/>	Premium	240	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Basic	150	<input type="checkbox"/>

3 Packages 

Save

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Jazzmin version 2.6.0

# Thank You

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