Online Application Title: FitLife ProActive Gym Portal

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SRS Document:

Purpose of Project:

The FitLife ProActive Gym Portal for Gym web application is designed to provide complete solutions for both owners and customers accessible via single internet gateway. It allows owners to manage their gym, customer to view the packages provided by gym and booking their session online as per requirement ,It allows trainers to . The administrator module will able to manage branch activity, gym activity, trainer activity, facility activity.

Scope of project:

This system allows admin to manage users and full application, manage gym shifts and the members to search gyms, apply for membership and view workouts while it allows trainer to create schedule, diet chart and add workout plans.

Definition:

FPP- FitLife ProActive Gym Portal
SRS- Software Requirement Specification
GUI- Graphical User Interface

Overall Description:

FPP enables gym owners to showcase their gym online, customers to browse through gym, and a super administrator to control overall application by adding gym branch or removing. Gym branch owner will get the control over his/her gym by getting authority to manage trainers.

User Characteristics:

 User should be familiar with the terms like login, register etc.

 Principle Actors:

Super admin, Gym Owners, Trainer, Members

General Constraints:

 A full internet connection is required.

Functional Requirements:

This section provides requirement overview of the system. Various functional modules that can be implemented by the system will be –

1.Registration

If customer wants to take the membership, then he/she must be registered, unregistered user can't have access to packages. They can view the gym.
The Super admin must be able to Register new gym branch details as well as the Branch manager details.
The local gym branch owners can register new trainers for the gym.

2.Login

Each system user including Admin, Branch owners, Trainers and Customers/ Members must be able to login to application by entering valid user id and password.

3.Pakages

 Branch owners can provide different packages for customers.
Customer can view and packages, trainers and choose one as per their requirements.

4.Membership

After choosing one of packages & making successful payment customer can avail the services provided by gym.

5.Gym Shifts

Branch owners can schedule different shifts for group of customers and trainers.

6.Workout plan

Trainers can add workout plans and diet suggestions to their respective members.

7.LogOut

Application user redirected to home page after surfing the application or whenever they wanted.

Non-Functional Requirement:

Security:

System will assign different roles to users for authentication. Users will be allowed

to access application only after authentication by entering login id and password.

Reliability & Maintainability:

FPP will backup the users data after every activity using database.

Availability:

24X7 availability.

Modularity:

FPP will be designed and developed using independent or dependent business scenarios in the form of modules. It will contain modules such as Authentication, Package information, Branch Information, Trainers and customers data, Payment processing and Membership

Reusability:

The different modules of system will be reusable and can be modified independently.

Scalability:

System will be able to provide consistent user experience to users.

HARDWARE REQUIREMENT

Hardware requirements for insurance on internet will be same for both parties which are as follows:

RAM	4 GB
Hard disk	320 GB
Processor	Dual Core

Software Requirements

Client side:

Web Browser	Google Chrome or any compatible browser
Operating System	Windows 8 or above

Server side:

Web Server	To-be-decided
Server-side Language	J2EE(Spring, Hibernate)
Database Server	MYSQL
Web Browser	Google Chrome or any compatible browser
Operating System	Windows 8 or above