**Project Proposal**

**GYM Management System (G.M.S)**

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**GYM Management Software (G.S.M)**

This software is GYM Management Software that helps in managing a gym client. In this project helps the gym owner to manage his gym client and employee. He can see who is present at present time outside the gym house. At a time he can manage more than one gym. Admin can client and employee schedule. Only admin can add employee. This gym company can sell product to their client. Manager can access all the thing without employee adds. Client can see his own schedule and his food menu. After continue the gym if the trainer changes the food menu manager will update this food menu. Trainer can see the student schedule and his own schedule. This software has an employee and client attendance module. Manager can send massage to the client or trainer. There have a compline or suggestion box.

Features

1. Login

Admin, Manager, Trainer and student have an individual username and password. Without login no one can see any data.

1. Client Information:

Admin and manager can see the Client information. In this module have client name, contact, e-mail, address, and picture and trainer name.

1. Gym Schedule

GYM has generally 2 schedules for boys and girls. Boys client have a male trainer and girls client have male and female trainer. Client can see his own schedule and trainer can see this own schedule and his client schedule.

1. Client/Employee Registration

Admin and manager can add new a client. In this module needs client or employee name, contact, e-mail, address, picture, service. Employee needs name, contact, e-mail, address, designation, salary.

1. Service

One gym has many services. There are par day service, weekly service, and monthly service. Different service has different amount. Anyone can take any service.

1. Account

Client can payment their monthly fee and manager can give salary to the employee. Admin/manager adds par day expense cost.

1. Package

One gym has many packages. There are monthly package, 3 month package, and yearly package. Different package has different amount. Anyone can take any service.

1. Employee

In this employee module have employee name, contact, e-mail, address, picture, designation, join date.

1. Food Plan

Individual client have an individual food plan. This food plan gives his trainer. When trainer change his food plan then manager update his food plan

1. Attendance

In this module take client and employee par day attendance. If any employee

1. Product Sell

Company can sell their gym type foods and others accessory. In this module have product buying, product selling and product storage. When he buying a product that time this product price subtraction to the current account.

1. SMS

Admin/manager can send their massage to the client/employee.

1. Compline/Suggestion Box

Any clients can compline or suggestion to the manager. If the compline or suggestion is necessary for the gym then the manager take the action as soon as possible.

User Access:

1. **Admin:** Admin can access the full system. He can update, delete any data. He can registration a new client, add a new employee. He can see all the report. He can give access to the new employee.
2. **Manager:**  Manager can add a new client. He can see client attendance report, employee attendance report, client and employee account information, client and employee info. He can taka client payment and gives employee salary. He can update client data.
3. **Trainer:** Trainer can see his own schedule and client schedule. He can see his client food plan and his client information. He can’t update any data.
4. **Client:** client can see his schedule and his own plan. He can’t update any date.

Software Requirements:

* Windows 10
* Sql 2014
* Visual Studio

Hardware Components:

* Processor –i3
* Hard Disk – 5 GB
* Memory – 1 GB RAM

Advantages:

* This system safe the time
* Owner can get any data very short time without having any problem
* This software helps to the manager to calculate the monthly client amount and employee salary.

Disadvantage:

* If server has any problem or if the company has any electric problem that time this software do not working.