

Chapter 1

Introduction

1.1 Project Summary

This project is about all about to convert offline work of gym to online platform. All tedious paper work is shifted to online in our web application. On our web application user can buy courses, membership etc.

We provide paid courses, memberships, Exercise related information, gym related equipment etc. To avail all these facilities of user has to login first or if user does not have account then user has to create account and then user can use all these facilities. We are providing several courses like yoga, weight-lifting, thigh exercise, pushups and many more.

In this we are also providing products related to gym. For that user has to choose particular product then he/she will be redirected to particular ecommerce website on which best product is already filtered out which user can buy. After that user can give their feedback and they can contact with us from contact us page through email, messaging or any other social media platform we have provided.

1.2 Project Scope

- Available as web application.
- Storing information of members, employees.
- Check validity of information provided by user.
- Storing information of members according to their id.
- Generating reports for different id

1.3 Objective

- What was gym management system project Problem?
 - Existing system was manual.
 - Time consuming as data entry which include calculations took lot of time.
 - Searching was very complex as there could be 100's of entry every year.
 - Proposed system is expected to be faster than project existing system.
 - Data redundancy is also a big issue in such kind of system. "Redundancy" means repetition; thus data modified or updated at a particular place may not be modified or

updated at related place which may create inconsistencies in data handling, destroys data integrity and creates confusion for owner.

- Searching a particular data specific to particular requirements is also very tedious in such system. In order to retrieve records, responsible person needs to manually locate appropriate register and locate appropriate placement of that particular record which may be very time consuming.

1.4 Literature Review/Background Study

Following are the steps taken during the initial study:

- Initially, we collected all the information, which they wanted to store.
- Then we studied the working of the current system which is done manually. We noted the limitation of that system which motivated them to have new system.
- With the help of these documents we got basic ideas about the system as well as input output of the developed system.
- The most important thing is to study system thoroughly. Here we are studying both existing system and proposed system so that advantages & disadvantages of both the systems can be understood