

## Chapter1: INTRODUCTION

### 1.1 Introduction:

The main purpose of this project is to make the task of the gym owner a little easier. The application makes it easier to store the information and data in a secured manner.

The software is created using the requirements given by the “SG Fitness Freaks Gym”. The admin i.e. the owner of the gym can handle the application in his phone and can manage the data anywhere and at any time.

Their personal information including weight, height and phone number are collected. As soon as that particular person arrives, his day of attendance will be marked by the trainer.

Admin has more authority than the trainer. He provides unique username and password for the trainer. He also has the right to delete or modify it. He even has the authority to add the gym equipment's to the software. He can also modify it.

Finally when that person wishes to leave the gym, his/ her present weight and height will be compared to his old height and weight. He can even store the details of the medicine information which are in the gym warehouse. He can even buy it from other medical shop and can store in the database so that any information needed can be retrieved easily.

The main purpose for building this app was, that I used to observe my gym owner doing some sort of paper work every now and then.

I used to think that what kind of work is keeping my coach so much involved in himself that he just forgets all if his students and is busy in himself.

One day I approached him and asked that what is he busy with??

He was doing that work related to the students and their details regarding the fees and their some sort of data.

He was little frustrated regarding the work and wanted to have something that could make his work a little easy. Then I suggested him with the idea of a mobile application that could make his work a little easy and could carry all the information in his mobile phone itself and also that application could make his problem a little easy to handle .

This way we came up with a project named as the gym application for the SG Fitness Freaks gym app and currently we are working with tajat so that we could provide him with a working application so that his work load could be reduced and he could contribute more towards his student and can come with better results for the student regarding their fitness.

## 1.2 Objectives:

- The main objective of the project is to develop software that provides the data storage, data maintenance and its retrieval for the gym in an easy way.
- To store the record of customer's, the staff that has the privileges to access, modify and delete any record and finally the service gym provides to its customer's.
- Only Admin has the privilege to access any database and make the required changes, if necessary.
- To develop a user-friendly system that requires minimal user training.
- Manage all the details of each and every student.
- The main purpose of this project is to automate a gym. It makes the clients and staff data and schedule easily accessible and also making it easy to keep records in a secure database.
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- To motivate Gym members or guest about the Gym's importance. With the help of this app Gym members or guests can easily interact. For a new admission of a member it is a beneficial app. Our app will help to new ones because of user friendly UI.

**List Module:** List module displays the list of all the students that are enrolled in the gym on the current day of the gym. It displays all the records of the students that are present in the database.

**Login module:** Login module will help in authentication of user account Users who have valid login id and password can only login into their respective accounts.

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**Search module:** our system provides with the features of advanced search technique. Generally, number of Gyms for a project increased tremendously so if we want to know about a particular gym. It takes much amount of time. With the search screen provided one can filter the gym's base on priority, productivity, severity, database.

**Registration Module:** This module will help the User get registered from anywhere if

internet is present. This module will really simplify the task of on paper registration. Also after successful registration the user can update information and change their password as and when required.

**User Management:** This module will help the admin in enabling/disabling a user account and updating user information as required. Purpose of project is to maintain details of the Users such as storing information about.

This solution is developed for the Gym owner, so that they can manage the details in an easier way.

### 1.3 Scope

The greatest power of any country is the youth. The youth today in any country is very fitness friendly. Each and every one of us wants to look very fit and good with the personality and therefore all of us are very closely associated with the gyms.

The SG Fitness Freaks is an application which is of a greater use in today's scenario as it helps the gym owner to manage the details of the students in a very easy way and also saves the time of the user.

The biggest advantage of the application is that all the data of the gym and details of the students remain safe and secure in the database, which were at a big risk in terms of the storing the data in the book.