**Gym Management System**

**Problem Statement:**

To guide the user to a precise selection of a fitness center according to the user’s needs and requirements.

**Purpose:**

The purpose of this project is to build an application which helps the user to select a particular gym in its area. As there many gyms available in a locality, the application aims at resolving the tedious inquiring rounds that a user must go through from one gym to another to find out which one is perfect for him/her-self. Along with that it saves a lot of user time as all the required information is available in the application provided to the user.

**Proposed Solution:**

To solve the given problem statement, we are going to provide the user with the platform which displays all the available gyms in its locality. Each and every detail related to a particular user will be included in the application. Some of the info which we intend to include is: gym address, in-gym pictures, various training programs offered by the gym, the details and reviews of each and every trainer present in the gym, the various types of machines available at the gym, the membership plans and many more. According to the user desired specification, the application will display the result which will be perfect for the user. Different users have different requirements and intentions in joining a particular gym, these all points will be considered by us and based on that we will design our application in an appropriate way. It will display a comparison feature which will enable the user to compare two or more gyms which will provide a better means of analysis for the user to help it come to a better conclusion. After selection, the user will also have an option to book an appointment with the gym authorities.

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