North South University

Department of Electronics And Communication Engineering
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CSE Project: Gym Management System

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Report About My Project (Gym Management System)

Introduction:

This project is about managing a newly opened gym having only one admin to manage the information of gym members. Admin and members will have their own login system and unique features.

Libraries used in the project:

1. #include <stdio.h>
2. #include <conio.h>
3. #include <stdlib.h>
4. #include <string.h>
5. #include <time.h>

Project feature table:

1. Login system.
2. Admin Facility.
3. Member Facility.
4. ID & Password System.
5. Saving Information.

Description:

Login system:

There are 2 login system: Admin and Members.

There is only 1 Admin and Admin needs to login using a master password. However, members need to use their correct ID and password to login.

Admin Facility:

Admin can add, search, and delete members. Also, Admin can see all member list. But, he cannot edit or change member details. Admin can also input the paid member ID and view due member list.

Member Facility:

In member login, members can see and edit their profiles. But, they cannot see others unless they know others ID and password.

ID & Password System:

ID will be generated randomly when admin adds new member. ID will not be editable. Password will be hidden when members input it. Password may not contain more than 15 letters. And, there is a double confirmation feature while setting a password.

Saving Information:

All the information will be saved in a folder named "data" as .txt file. Each .txt will be named as member's ID.

Conclusion:

With this project, one can run a small gym smoothly. As it is a small gym managing project/app, there is only one Admin added and the Admin password is fixed. However, I believe there is still some potential in it, like, adding instruments info, increase Admin amount, changing Admin password feature, backup all the information of members of all time, etc.