Project Title

Submitting To:

BY:

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INTRODUCTION

Gaming Industry is the top growing industry in Pakistan. Demand of Gaming Zone is increasing as the number of trend is rising. The main requirement of Gaming Zones/ Internet Portals is a software that allows admin as well as user to monitor and record details. Admin wants to track each and every user and user needs to track their current time. So to meet the user need we have created this simple, easy and efficient program for Gaming Zones/ Internet Portals for their Ease. Our Program allow a user to login as **"Admin"** / **"User"** OR **"Guest".** Admins have to enter through a Secret Password which Users/Guests are not aware of and can add a new user and manage their account time and data. User can simply login by providing their Unique ID. They can check their details and have a unique function for Start Timer to start their time and upon ending alarm will beep and they have to contact admin for adding more time in their account. Last, Guests have to contact admin for creating their account and they can login through their unique ID's. On their panel they can only start timer. Guests can't renew their time limit and they have to contact admin for new account every time they want to use or they can prefer making an account. We have used C language to make this program and stored all our data on a single File names **"Portal.txt".** We have also used the file **"Guest.txt"** which will only be remain open until the program is open. On closing program the file **"Guest.txt"** will be automatically deleted. We have also used a file named **"Newportal.txt"** which is used while editing accounts info like time or name, address etc.

Problem Statement:

Solution:

Features:

SOURCE CODE

ALGORITHM

1. The program starts with a home screen that contains a menu. Admin, User and Guest are 3 separate portals that are presented on Home screen. The data in this menu driven program is controlled through **Switch Case**.

2. If you try log in by Admin it require a unique user name and password that only admins know. If the username and password match it allows you to log in as admin. Once the username and password is matched, the program will take you to a new screen where you can perform different tasks.

3. Admins can perform Variety of tasks like Adding Users and Guest, Managing their account time and information, and Viewing their account details.

4. Users and Guest can log in to their account by simply entering their IDs and if the ID matched with the file's ID they will be logged in to their account. Else the screen will jump to Home screen.

5. The time of their account can be controlled by a function name "**timefun()".** When the user/guest press Start Timer, the timer is started and generate a beep sound on stop.

6. On adding a new user/guest, the information will be directly save to the file named "Portal.txt". This file's information is inputted through **Structures** where the data is first saved to struct variables and then import to file.

7. On editing the information, the ID (that will be edited) will be taken from admin and stored in a separate struct variable. Now the files information is accessed through different struct variables one by one. If both IDs matched, the admin is allowed to edit the user/guest information. A new file named "**Newportal.txt**" will be created and the edited information will be saved in this file. After all changes the old file "**Portal.txt**" will be removed and the second file "**Newportal.txt**" will be renamed as "**Portal.txt**". This allows program to read information every time from "**Portal.txt**".

8. The only difference between User and Guest is that the Guest accounts will be deleted once the program is Exited, While User accounts can be accessed whenever needed.

RESULTS

HOME SCREEN MENU:


```
============================
Welcome to Internet Portal
============================
            1)Admin
            2)User
            3)Guest
            4)Exit
```

ADMIN LOGIN SCREEN:

```
============================
    Admin Login Screen
============================

Enter your username: admin


Enter your Password: admin
```

ADMIN MENU:


```
===============================
Welcome to Admin Portal
===============================
What do you want to perform?

1)Add User

2)View Users

3)Edit user's profile

4)Guest

5)Logout
```

USER PORTAL:

```
===================================
Hey adil, Welcome to User Portal!
===================================

What do you want to perform?

1)Edit User Info

2)View Your Info

3)Start Timer

4)Go Back
```

TIMER VIEW:

```
================
TIMER VIEW:
================
0:0:0

Times Up!
```

GUEST PORTAL:

```
====================================
Hey ad, Welcome to Guest Portal!
====================================

What do you want to perform?

1)View Your Info

2)Start Timer

3)Go Back
```

Conclusion

A narrative conclusion section that describes:

a) the group's experience with the project (which steps were the most difficult? Which were the easiest? what did you learn that you did not imagine you would have? if you had to do it all over again, what would you have done differently?)
b) if the proposed benefits can be realized by the new system
c) any final comments and conclusions