



Hotel Management System

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Introduction:

The project Online Hotel Management System is a GUI application that allows the Hotel Manager & Owner to handle all hotel activities easily and safely. Using Interactive GUI anyone can easily learn to use the complete system. Without proper identification and log keeping, it can be really difficult to keep track of everything and everyone. They need to register both guest and visitors using their demographic data, identification and travel documents according to the local law and safety measures too. But in the traditional pen and paper-based system of visitor registration, there is much time-consuming and it is not possible to verify the identity of the visitor with a certainty. In many cases, it has been seen that the visitor used fake information and was involved in criminal activities.

Using **this software**, hotel authorities can record the guest information for future reference.

- This project includes following entries:

1 Login Page:

Owner or Manager Need to log in using login id and password.

2 Owner Profile:

In the Owner profile, he has full access to the system. The owner can view all the details in a graphical way and he has the authority to change.

3 Registration:

- Full Name
- CNIC
- Contact No
- No of people

4 Add/Update/Delete Hotel Members:

The owner and Manager can easily add, save, or delete the details.

5 Data Structure are used:

- Stack (Haroon Naeem)
- Queue (Amina Waheed)

- Array List (Eman Nawaz)

6 Conclusion:

Finally, in the online hotel management system, we have developed a secure, user-friendly Hotel Management System. This System can take care of each member whether it's Owner or Customer. This System will help them to properly manage their hotel and help in growth without creating any hassle. This system is completely secure since every user is provided with a user ID and Password so there is no chance of any unauthorized access.