

Project Report on Hostel Management System

Course Title: Algorithms Lab
Course Code: CSE-222

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Introduction:

Hostel management system is basically developed for institutions like hostel or something like this to maintain its residences every information like Monthly cost, Monthly payment, Room information etc. By this software a hostel owner could easily get every information easily anytime.

Objectives:

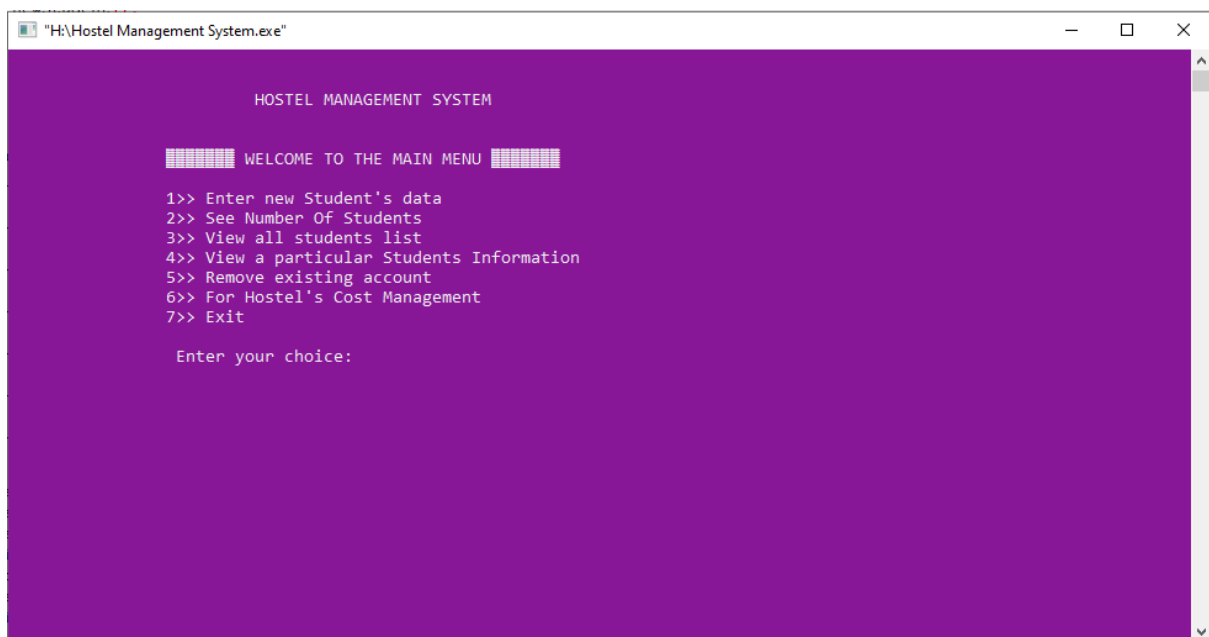
The project is developed with a view to maintain a hostel easily. It can be used in a student hostel or mess etc. Where many hostel owners will be benefited by this software. The primary use of this software is to save time. It has multi-purpose uses it saves users data such as their name, id, room separately and also count the number of meals they consumed in a month. The main purpose of this software is to save time and calculate the expenses easily.

Description:

In this project we have some functions. Where first function take student or user name, ID, room no. etc. as input. Second function saves all the students information. Other function Shows the users individual information whenever they want to. There is another function which delete any of the members information according to user's demand.

The last function mealcost() which calculate the meal rate for each member and Will calculate the monthly cost of a residence of the hostel.

Sample input:



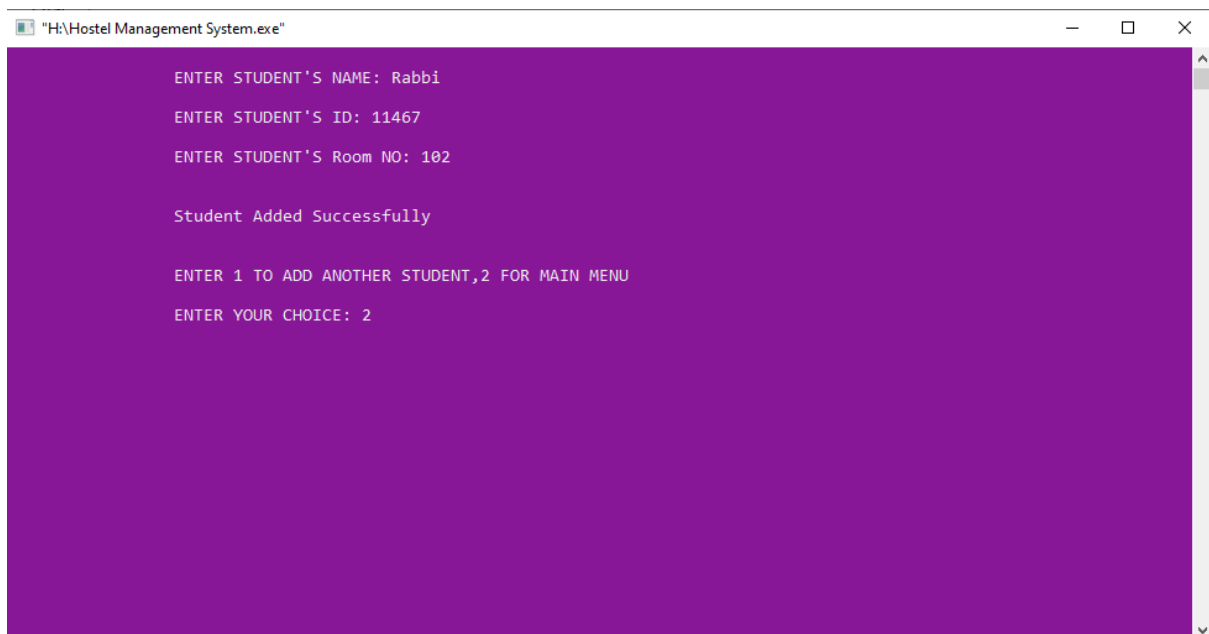
```
"H:\Hostel Management System.exe"

HOSTEL MANAGEMENT SYSTEM

***** WELCOME TO THE MAIN MENU *****

1>> Enter new Student's data
2>> See Number Of Students
3>> View all students list
4>> View a particular Students Information
5>> Remove existing account
6>> For Hostel's Cost Management
7>> Exit

Enter your choice:
```



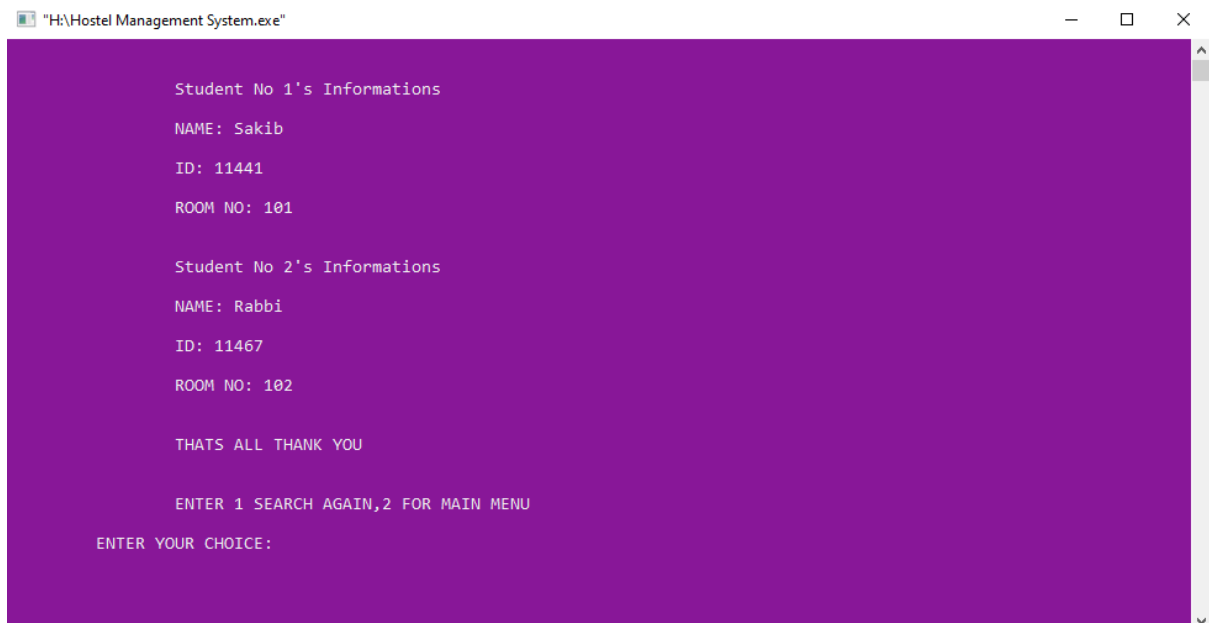
```
"H:\Hostel Management System.exe"

ENTER STUDENT'S NAME: Rabbi
ENTER STUDENT'S ID: 11467
ENTER STUDENT'S Room NO: 102

Student Added Successfully

ENTER 1 TO ADD ANOTHER STUDENT,2 FOR MAIN MENU
ENTER YOUR CHOICE: 2
```

Sample output:



```
"H:\Hostel Management System.exe"

Student No 1's Informations
NAME: Sakib
ID: 11441
ROOM NO: 101

Student No 2's Informations
NAME: Rabbi
ID: 11467
ROOM NO: 102

THATS ALL THANK YOU

ENTER 1 SEARCH AGAIN,2 FOR MAIN MENU
ENTER YOUR CHOICE:
```

Challenges:

We still working on database because we trying to make the information accessible after closing the application.

We are trying to make the UI more attractive by using perfect color Combination and more user friendly. More Features will be included in future.

Conclusion:

We tried our best to make this software more useable and efficient.

We will also improve the software according to the user demand in future.

Hope this application will help more people future.

End();

