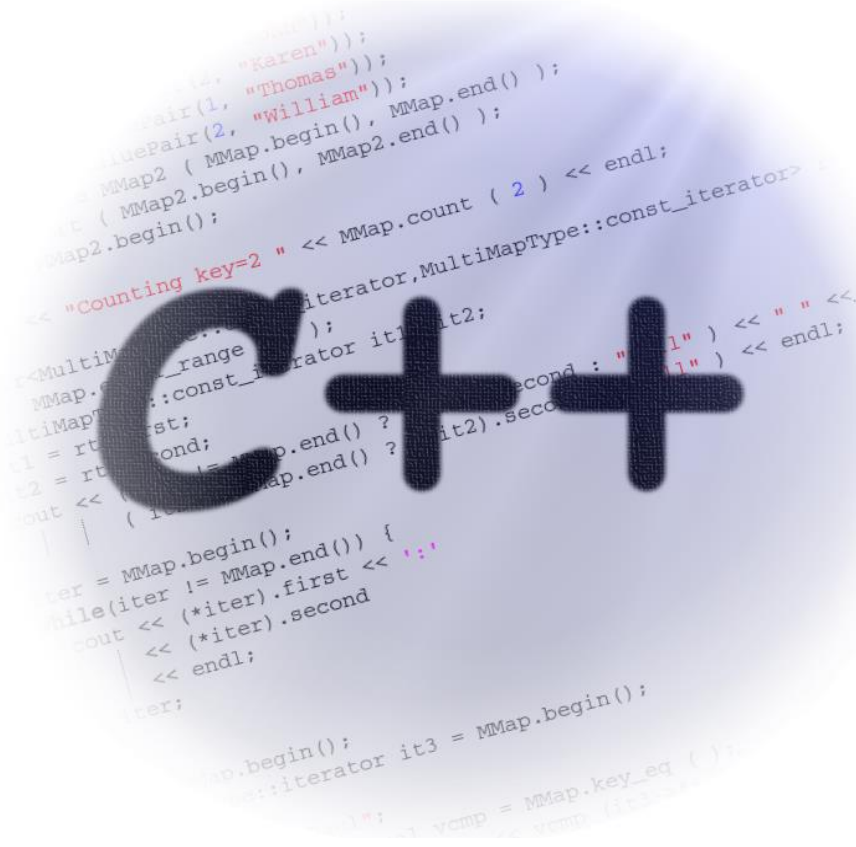




Metadata file

HOSTEL DBMS



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CS 101

Slot 11

Group 9

User Defined Functions Used:

- `void getdata()`

Used to get data from the user

- `char* cinstr(int x,int y)`

Used to get string from the user in simplecpp window(analogous to cin , but input occurs in graphics window), input starts at (x,y) coordinate.

- `Char* cpasskey(int x,int y)`

Used to input passwords at x,y coordinate

- void putdata()

Used to put data received from the user to the output file.

- void givemessage()

Used to give messages to the students, who can log in to their account and see the message.

- Void changepasskey()

Take the old passkey as arguments and modify it to the new passkey entered by the user.

- void adddata()

Used to add data into the text file.
Used in the class menu to add the menu for the week in the text file.

- void modify()

Can change the data originally stored to a new data entered by user.

Eg.:In the mess option,Mess co can change the menu for any day to a new item.

- void addworker()

Warden can add new worker to its list.
It asks for name, id and shift timings and then saves it.

- void addsecurity()

Warden can add new security guard. It also ask for name, id and shift timings and then saves it.

- `void frontpage()`

It is used in making the front page design of the project.

- `int mainmenu()`

This function is used to display the screen after the front page. It display options like hostel inmates login, search, warden login, transport info etc..

- `void hostelier::getdata()`

This function is used to make the student text file. It asks for name, roll number, Department, room number etc.

- `void registercompstu()`

This function is used to register the complaints by the students to the warden.

- `void mssgstutowarden()`

This function is used to enable the students to send messages to warden.

- `void registerroomcleaning()`

Workers can check the rooms to be cleaned.

- void searchmenu()

Contains all the search functions by which students can check their credentials.

- void searchbytut()

Students can search their credentials by putting their batch.

- void searchbydept()

search student details by their department

- void searchbyroom()

Search student details by their room number.

- void strconv()

Takes string(name) as argument and convert everything into lower case alphabets.

- void searchbyname()

Search student details by their name.

- void searchbyroll()

Search student details by their roll numbers.

- `int searchsubmenu()`

This function will have all type of search functions

- `void wardenmenu()`

This function contain all the warden activities.

- `int checkwarden()`

Warden can login into their account.

- `int wardensubmenu()`

After successful login, warden can have access into the submenu like see complaints, see messages, Give notice to students etc.

- void seecomplaints()

Warden can see the complaints sent by the students.

- void sendnotice()

Warden can send notice about anything to all the students.

- int givemessage()

Warden can send notice to selected students by typing their name and roll number.

- void addworker()

warden can add new workers to its list.

- void addsecurity()

warden can add new security guard.

- void transportmenu()

Function used to display the tum-tum timings and their details.

- int messsubmenu()

See mess menu for week. Mess co can login and can change particular day's mess item

- void messco()

This function allows the mess co to change the menu for a particular day.

- int checkmessco()

Check the login credentials of the mess co.

- void thingsmenu()

Display the cultural homepage .

- void seecult()

Display the cult events on the cultural homepage.

- int checkcultco()

Checks the login credentials of the cult co.

CLASS:

- hostelier
- mess
- complaints
- messsgesc (messages class)
- laf (lost and found)
- worker
- security