**HOSTEL MANAGEMENT SYSTEM**

**Pseudo Code**

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**Step 1:**  Start

**Step2:** Initialize two global variables I and j for loops and one main exit.

**Step 3:** Create a structure for date and another structure body for login details: name, age, city, mail ID, room no, father name, father phone no, hostel room no.

**Step4:** Function for displaying main menu:

1. Enter new student.
2. Update student information
3. Check student details.
4. View all students.
5. Remove Existing student.
6. View All student List.

**Step 5:** IF choice==1, go to step:6(menu) or IF choice==2 go to step 7(edit) or IF choice == 3 go to step 8(see) or IF choice==4s go to step 9 (view) or IF choice==4 go to step10 or IF choice==5 go to step 11.

**Step 6:** Initialize choice.

* Open the file(record.dat) for Entering the record of the new student.
* Input user for information and preference of room into the files. e.g., BH-1, BH-2, BH-3.

**Step 7:** Initialize choice=0: Input hostel ID and the information(choice) that must be changed.

* IF choice==1, update room no.
* ELSE IF choice==2, update phone no.
* Else print the same information.

**Step 8:** Declare a function and display the details of the student along with the roll no.

**Step 9:** Declare a function and display the details of all students along with the room number.

**Step 10:** Make a new file:

Enter the data of the student that must be deleted.

Replace and rename the new file with the record file.

**Step 11:** Stop

THE END