```
 _____
|  #  #  #  |
|  #  #  #  |        +------------------------------+
|  #  #  #  |        |                              |
|  #  #  #  |        |       DIGITAL CARETAKER      |
|  #  #  #  |        |                              |
|  #  #  #  ---------+==============================+
|  #  #  #| #  #  #  |
|  #  #  #| #  #  #  |
|  #  #  #| #  #  #  |
|  #  #  #| #  #  #  |
|  #  #  #| #  #  #  |
|  #  #  #| #  #  #  |
|  #  #  #| #  #  #  |     Login :
|  #  #  #| #  #  #  |     Enter username: admin
|  #  #  #| #  #  #  |     Enter password: admin
```

-Authentication Page

Only the caretakers with thier username can the read and write the data inside the software.

```
  ---------
 | # # # # |          +---------------------------------+
 | # # # # |          |                                 |
 | # # # # |          |         DIGITAL CARETAKER       |
 | # # # # |          +=================================+
 | # # # # |
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 | # # #| # # # # |
 | # # #| # # # # |
 | # # #| # # # # |          1. Choose Hostel
 | # # #| # # # # |          2. Hostels Fee Related
 | # # #| # # # # |          3. Students IN-OUT
 | # # #| # # # # |          4. Extra Options
 | # # #| # # # # |
 | # # #| # # # # |          Enter your choice : 1
 | # # #| # # # # |


      1. KALAM
      2. KALPANA
      3. MVHR

  ENTER HOSTEL NUMBER : |
```

-Home Page

After successful login we have 4 option.

<u>Selecting</u>

1. Choose Hostel -

we can choose the hostel that we have created in the starting...

1.Hostels Page

```
        _____
        << KALAM >>
        ********************

1. SEARCH STUDENT IN HOSTEL
2. SHOW ROOM VACANCY
3. ALLLOCATE ROOM
4. DEALLOCATE ROOM
0. EXIT

ENTER YOUR CHOICE : 1


ENTER ROLL NO  : 121cs0063


   Student name      : UTSAV
   Roll no           : 121cs0063
   Allocated room    : 135
   Phone no.         : 6205053855
   Parent phone no. : 3441516346
```
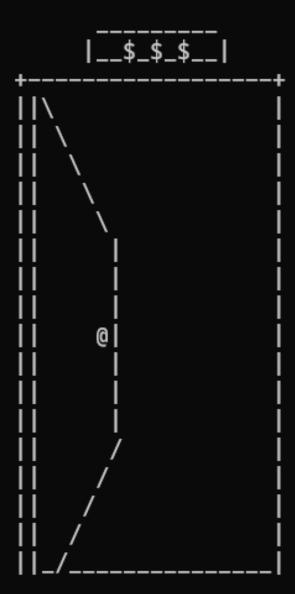
1.Search Student-

User will search the student by entering roll number.

From the vacant rooms shown student can select the room and then after filling student's information, room will be allocated.

1. Hostels Page

```
    _____
     << KALAM >>
    ******************

 1. SEARCH STUDENT IN HOSTEL
 2. SHOW ROOM VACANCY
 3. ALLLOCATE ROOM
 4. DEALLOCATE ROOM
 0. EXIT

 ENTER YOUR CHOICE : 2

                           _____
                          |__$_$_$__|
                   +------------------------+
                   ||\                      |
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                   ||  \                    |
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                   ||   @ |                 |
                   ||     |                 |
                   ||     |                 |
                   ||     |                 |
                   ||     /                 |
                   ||    /                  |
 THE VACANT ROOMS ARE :  ||   /             |
                   || _/_____|
```

we have choosen
KALAM
After this we have 4
other options.

Selecting

2.Show vacant room

caretaker can see the
vacant rooms in the
KALAM hostel

```
    1. KALAM
    2. KALPANA
    3. MVHR

ENTER HOSTEL NUMBER : 1


 _____
   << KALAM >>
 ********************

1. SEARCH STUDENT IN HOSTEL
2. SHOW ROOM VACANCY
3. ALLLOCATE ROOM
4. DEALLOCATE ROOM
0. EXIT

ENTER YOUR CHOICE : 3
```

1. Hostels Page

we have choosen
KALAM
After this we have 4
other options.

Selecting

3.Allocate room-
User will allocate the
room with student
details.

```
ROOM - 430
ROOM - 431
ROOM - 432
ROOM - 433
ROOM - 434
ROOM - 435
ROOM - 436
ROOM - 437
ROOM - 438
ROOM - 439
ROOM - 440

       ENTER ROOM CHOICE              : 135

       ENTER YOUR NAME                : UTSAV

       ENTER YOUR PHONE NO.           : 6205053855

       ENTER YOUR PARENT PHONE NO. : 3441516346
              .---.
             /     |_____
            | ()   | _____   ___  ___)
             \___  |/       | |   | |
              `___.'        "-"   |_|

Room no 135 has been allocated to UTSAV 121cs0063 successfully
```

1.Hostels Page

<u>Selecting</u>

3.Allocate room-

User will allocate the room with student details.

From the vacant rooms shown student can select the room and then after filling information room will be allocated

```
  1. Choose Hostel
  2. Hostels Fee Related
  3. Students IN-OUT
  4. Extra Options

 Enter your choice : 4
1. Add New Semester :
2. Add New Caretaker :
3. Create New Hostel :
0. EXIT

ENTER YOUR CHOICE : 1

 Enter year :2023
 The Available Semesters are :
     JAN_APR
     APR_JUL


To create new semester Enter 1 : 1

Enter semester start month : AUG
Enter semester end month : SEP
Semester AUG_SEP created in year 2023
```

Home page

4. Extra options

Here we have less used options.

Selecting

1. Add new semester

As the new semester starts caretaker will create the semester by entering the start and end month.

```
+-------------------------------+
|       DIGITAL CARETAKER       |
+===============================+


1. Choose Hostel
2. Hostels Fee Related
3. Students IN-OUT
4. Extra Options

 Enter your choice : 4
1. Add New Semester :
2. Add New Caretaker :
3. Create New Hostel :
0. EXIT

ENTER YOUR CHOICE : 2

 Enter username for caretaker : SHIVRU
 Enter password for you : shivru111

 SHIVRU added as a caretaker
```

Home page

4. Extra options

Here we have less
used options.

Selecting

2. Add New Caretaker

Creating the caretaker
in the starting.

caretaker can choose
his username and password

Home page

```
  Enter your choice : 4
1. Add New Semester :
2. Add New Caretaker :
3. Create New Hostel :
0. EXIT

ENTER YOUR CHOICE : 3

Enter the name of the new hostel: KALAM
Enter the number of floors in the hostel: 4
aEnter the number of rooms on each floor: 40


New hostel 'KALAM' has been created with 4 floors and


  1. Add New Semester :
  2. Add New Caretaker :
  3. Create New Hostel :
  0. EXIT
```

4. Extra options

Here we have less used options.

<u>Selecting</u>

3. Create New hostel

we will create the hostel according to us in the starting phase.

Home Page

<u>Selecting</u>
2.hostel fee related here semester wise we can add the fee payment information of the student

FEE page

Selecting

1. Adding payment
2. we can check the payment history with just the student roll number

```
1.Update students payment information :
2.Check student payment information :
<< Enter 0 to exit

Enter your choice : 1
Choose a semester:
1. JAN_APR
2. APR_JUL
3. AUG_SEP

    Enter student ID       : 121cs0063
    Enter amount paid      : 27000
    Enter UTR number       : 231740463252
    Enter date (YYYY-MM-DD) : 2023-01-24

    Payment record added to file JAN_APR.txt


1.Update students payment information :
2.Check student payment information :
<< Enter 0 to exit

Enter your choice : 2

Enter roll no of the student :121cs0063

ear 2023:

emester JAN_APR:
    Payment record found:

    Student ID    : 121cs0063
    Amount paid   : 27000
    UTR number    : 231740463252
    Date          : 2023-01-24
```

```
| # # # # |         +----------------------------------+
| # # # # |         |                                  |
| # # # # |         |       DIGITAL CARETAKER          |
| # # # # |         |                                  |
| # # # # |         +==================================+
| # # # --------
| # # # #| # # # # |
| # # # #| # # # # |
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| # # # #| # # # # |
| # # # #| # # # # |
| # # # #| # # # # |      1. Choose Hostel
| # # # #| # # # # |      2. Hostels Fee Related
| # # # #| # # # # |      3. Students IN-OUT
| # # # #| # # # # |      4. Extra Options
| # # # #| # # # # |
| # # # #| # # # # |      Enter your choice : 3




         1. CHECK OUT :
         2. CHECK IN :
         3. VIEW OUT STUDENTS :
         << Enter 0 to exit :

         Enter choice : 1
```

IN-OUT page

HERE WE CAN MANAGE THE STUDENTS IN AND OUT FOR EVERYDAY

- AUTOMATIC TIME STORING NO NEED TO WATCH THE WATCH AND NOTE TIME

IN-OUT page

```
    1. CHECK OUT :
    2. CHECK IN :
    3. VIEW OUT STUDENTS :
    << Enter 0 to exit :

    Enter choice : 3


  Out Students:
^^^^^^^^^^^^^^^^^^^

1. 121cs0063      (2023-4-9 16:49:50)
2. 121cs0028      (2023-4-9 16:50:4)



Enter student number to view details :
<<< Enter 0 to exit : 1


   Student name      : UTSAV
   Roll no           : 121cs0063
   Allocated room    : 135
   Phone no.         : 6205053855
   Parent phone no. : 3441516346
```

3. VIEW STUDENT OUT

- WE CAN SEE THE STUDENT LIST WHO IS OUT NOW

- WE CAN SEE THE STUNDENT'S ALL DETAILS LIKE PHONE NUMBER AND PARENTS PHONE NUMBER BY JUST SELECTING THE STUDENT FROM THIS LIST