In our college during fest,government exam or admission process generally the crowd is large . Last year, we faced a lot of problems during booking rooms of the visiting hostel.everytime we need to check the register manually.If we miss any entry then there is a situation of collision. Then someone suggested an idea of a token kind of thing ,but that was not secure.
I was leading the registration process so I decided to make a project so that from next time we can eradicate these problems .

Problems-

1-During checking if we miss an entry then we will allot a room to someone that is already allotted to someone.

2- if someone left in between the process ,we have to cross his name from the register it makes the register look like a mess. It makes it hard to search records in registers. If we do not handle this situation we will not be able to properly utilize the resources.

3-If someone wants to update his entry like name ,phone number, aadhaar no. Again we need to do cutting and rewrite entries.

So basic idea was create a model with the help of a class through which we can -

Show the hostel menu consist of-

1- registration

2- visitor records

3- room allotted

4 - edit record

If someone comes for booking of rooms first we will ask his choice whether he wants to reside in a single room or double ,triple room.Then we look into our records whether his choice is available.Then we will give him a list of vacant rooms and he wants to check location of room or continue registration with any of the vacant room. We take basic details, put them in records of the system and mark the room visited.

Now if he lost his phone number or is card then it make difficult to provide him cleaning ,sweeping ,food facilities so we need a function that can edit so we implement a function through which-

1-modify data- name ,phone no,aadhar card no;

2-delete - by which we can delete visitor records.

3- billing - we also implement billing in edit .so, when he does a checkout we provide him a bill which is based on which type of room he is residing. When he checks out we clear his record with the help of delete function.