Hostel Management System

* User: Admin (to basically get an idea of the rooms in the hostel and which person is allocated to which room with all the details)
* User: to actually book a room in the hostel at the room which are free and get idea of the hostel fee of every room
* User can basically find rooms with options like 4-seater, 5-seater 3- and 2-seater.
* Then can apply to book it and pay.
* Admin will get the request and accept the request of the user to get that room.
* Admin can update the fee of the hostel that which of the user have submitted the fee or not and will get an overview of how many are left and total budget idea too.
* Basically, everything will get from manual to auto.
* Users can also post their issues they are facing in their hostel and admin can see and try to solve them before someone is calling them all the time manually.
* Admin can update the rooms details
* Admin can delete the room user detail

Implementation:

User registration and login is done.

Admin can get all user details. (Not room details for now)

Now need to implement Room model.

Room = {

RoomNumber, lets say here we have 20 rooms each type having 5.

RoomType (5 seater , 4 seater ,3 seater, 2 seater ),

RoomFee, check fee according to type on frontend

Status, (how many seats are available else all booked),

For status check the increment below if less then 5 for that room type then show available with length else show all booked

Increment for check that how many rooms of specific types are booked

This should be array of objects containing room RoomType and length of how many are currently booked.

}

//book room collection

bookRoom = {

roomnu,

roomtype,

userId,

}

userRoomDetails = {

uid,

feeStatus, changes every month check according to date

FeeMonth,

joiningdate,

feePaidDate,

leavingdate not required,

}

userQueryPost = {

uid,

postText : explains your issue,

querydate and time

}

Admin can update user profile

Admin can change room details

Admin can delete user from room

Admin will get total fees according to room booked and get an idea every time about total – paid for now = left fees dashboard