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Hosteller -A Platform For Finding And Booking Hostel

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ABSTRACT: In past research, we found out that finding a hostel is a very critical job, this is research where we have overcome the difficulty. In this research, we have published that how to find a hostel and listing a hostel has been easy and with the help of an online marketplace for hostels. Which we have to resolve the problem of finding a hostel, which we found out in the last research. We have done n number of analysis for hostel searching and hostel listing, The results indicated that finding the hostel does have an impact on the hostel industry on this basis we made the online Marketplace platform can target the vast number of hostel searcher using an architectural proposal for the modeling of authentic hostel Marketplace, Software architecture, developed on the platform Information systems, under the technologies: Geolocation, Google maps API, Artificial intelligence, for further updates will be needed to identify other factors that could strengthen the effectiveness of Hosteller.

Keywords: Geo location, Google maps API, Artificial intelligence, Hostel, Software architecture, Information systems.

I.INTRODUCTION

As we know that moving out, and finding a new hostel is very difficult in the new city/town and so we develop a platform name Hosteller where finding a hostel is at a finger click at also for hostel listing it is very easy. No need of any agents, broker or anyone else for being an extra charge for booking a hostel. Hosteller provide a personal login for hosts; as well as customers where hosts can create accounts and enlist their hostel and showcase their hostel by providing descriptions, images, and amenities. Whereas customer can create their account and find the hostel on basis of area, pricing, and as per their comfort. There is also a super admin login, where super admin can confirm the host as well as can check the review of customer and provide proper feedback to the host and customer. In the previous research, we review the problem of hosts and users regarding hostel. This paper set out to solve this gap we investigated that hostel owner is unable to accommodate their hostels and hostel seeker are unable to find a great place like home to stay. Hosteller set out to solve the problem of how can an individual able book their accommodation over a platform and Check-in whenever they want. This research shows that how we have filled the gap between the host and user by bringing them to a single platform. In hosteller, geolocation will be used for detecting the current location of the user as well as hostel. The Google Maps API is used to let the user know the surrounding of the hostel area like nearby hospitals, schools, and colleges, markets, and etc. Artificial intelligence is used to integrated the chat section. By Using this all new technologies, it will fulfill the need of the host as well as the renter.

II.MOTIVATION

All Students/Renters those who are coming from their Villages/Towns to a Metro/large populated City for their Educational or Living Purpose. One common problem all faces is, Where to Stay? In a new city they are not aware with the places also they don't have any helping hand to solve this problem. So, they start searching for our stay by asking door to door. Eventually, at some place's door are locked, some owners don't have time to communicate with us they will give a time to meet them, at some place's property are given to Students/Professional/Families only and this will be continued from one door to second door, second to third. During every visit, Knock-Knock on each door and asking for stay, does not feel comfortable. But at that moment they have no other option. However, the possibility of getting our choice of rent property in a single day is nearly zero. During that period, they have ended-up with Time & Money. Also, they get Tired Physically as well as Mentally. To overcome this problem our Founder come-up with unique and digital solution called Hosteller as a helping hand for Students/Renters. Where you can find Room / Flat / PG & Houses on rent by visiting Hosteller.

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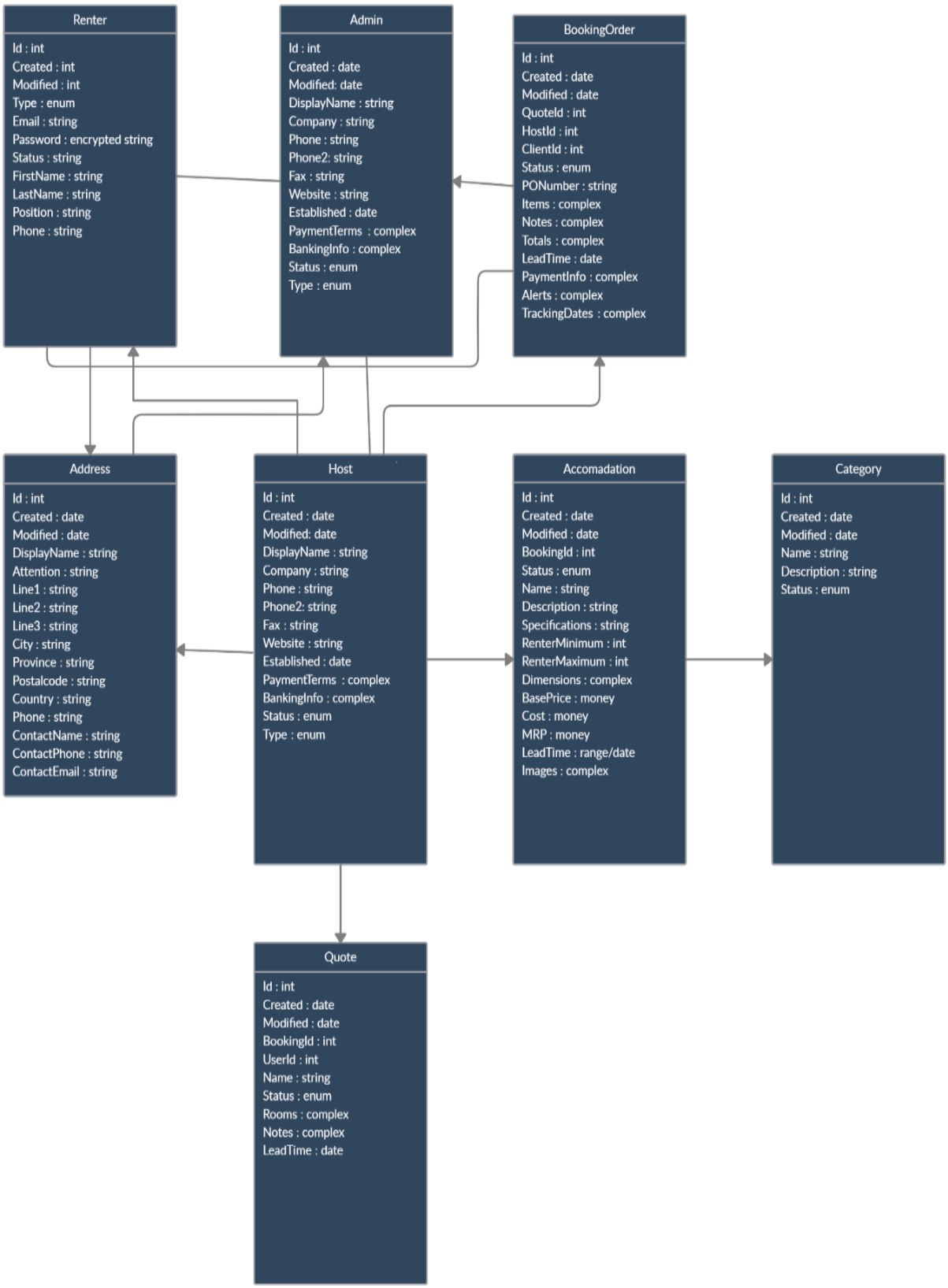
III.PROPOSED SYSTEM

3.1 CLASS DIAGRAM OF SYSTEM



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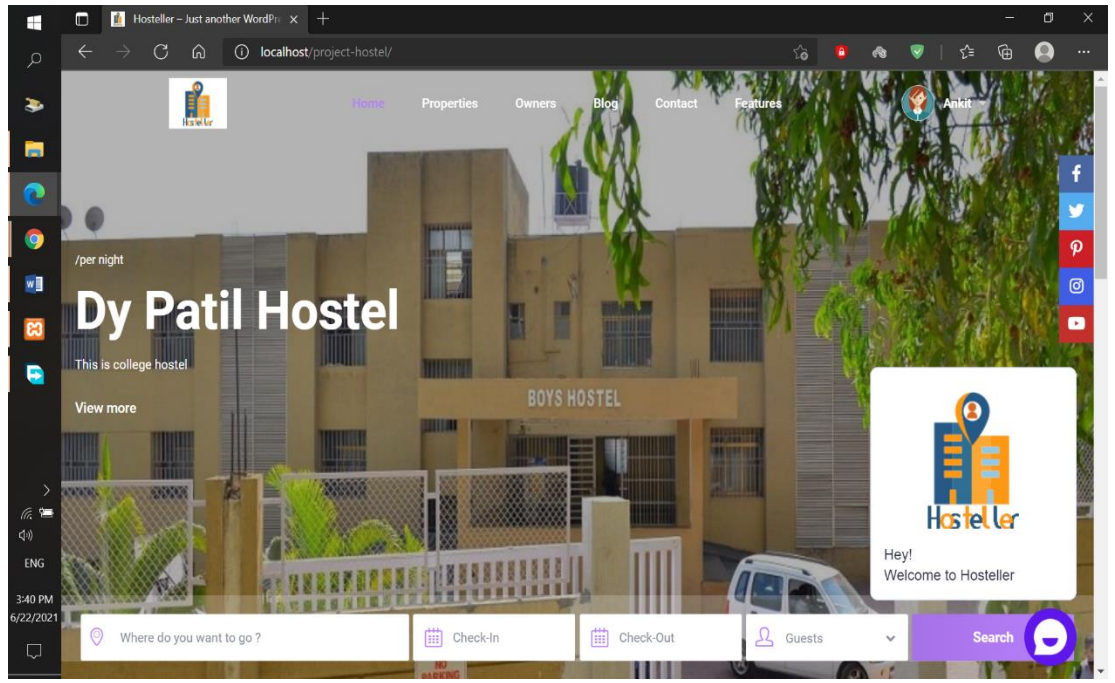
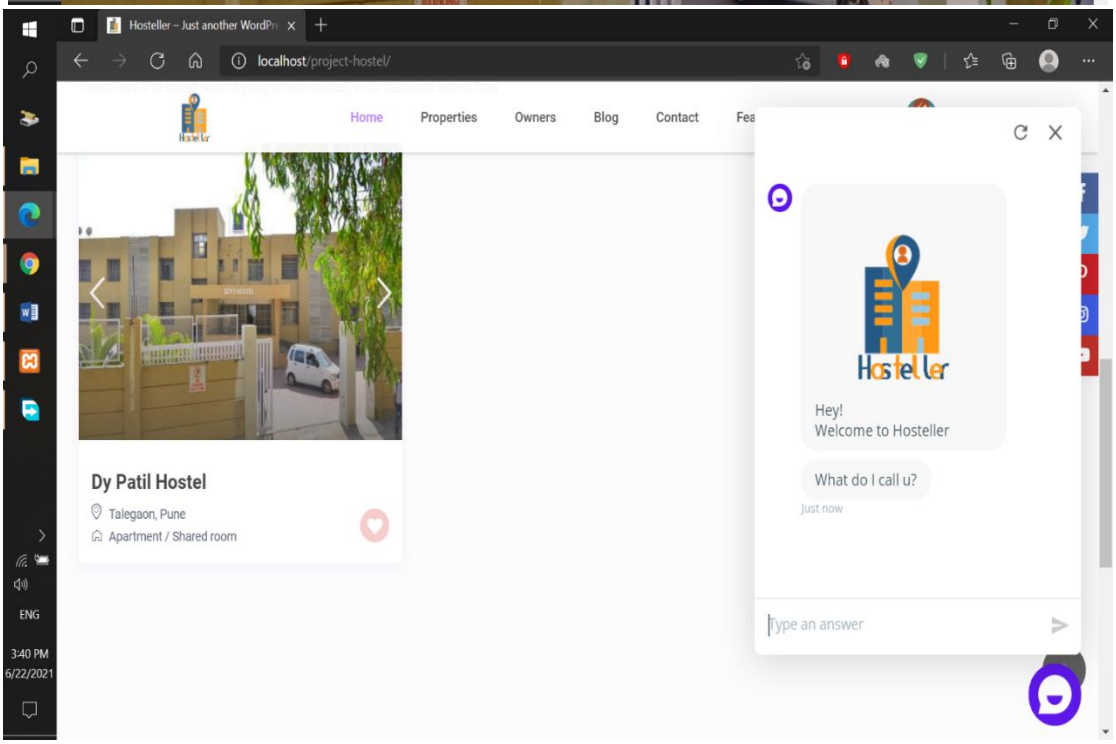
3.2 WORKING OF SYSTEM

The working of the site will be as shown in fig 3.1, firstly the host will sign up and enlist the hostel room to the site. Then the renter will search for the desired hostel, after finding one he/she will create a profile then select no of months, and book it. After the booking request received on the host side and confirm the booking request, the payment request is generated. The renter will pay the payment using payment Protel, and the booking will be confirmed. After the booking confirmation, a bill will be generated. After the given time period, the commission will be transferred to admin and the remaining amount will be sent to the host.

IV. RESULT





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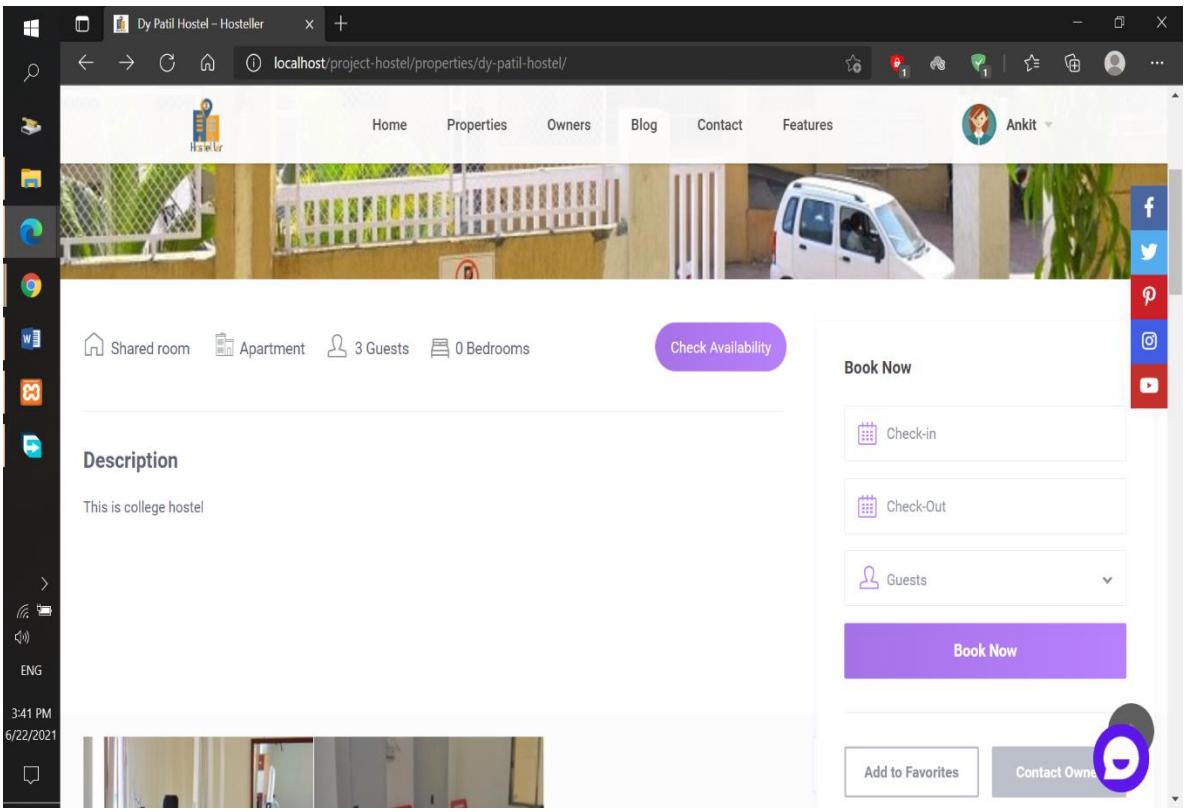

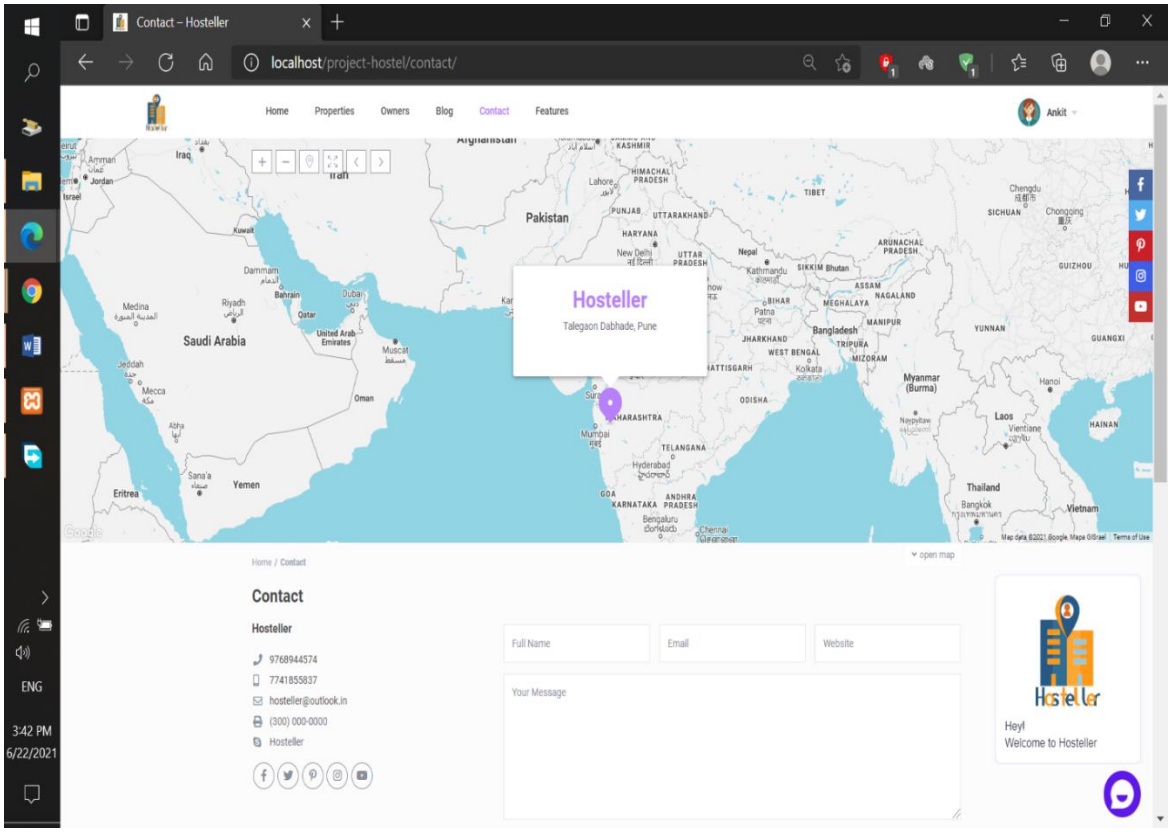

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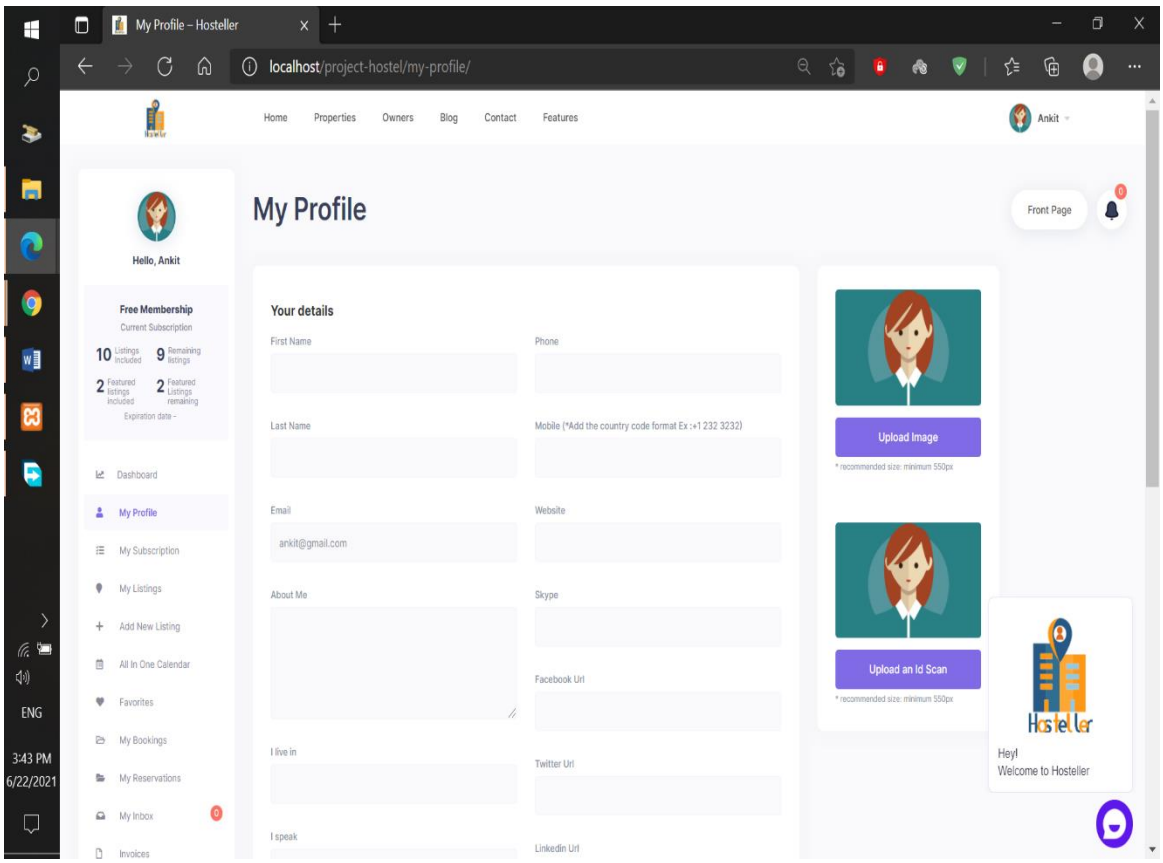

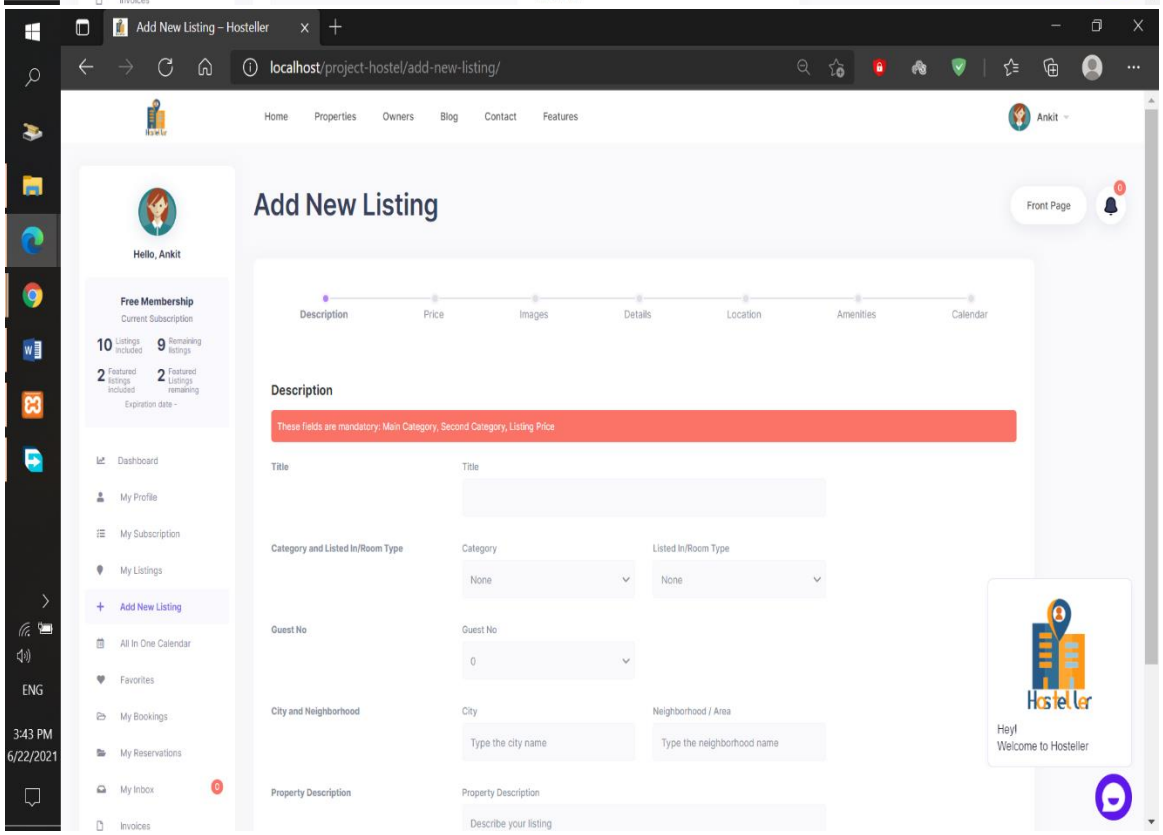

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V. CONCLUSION

This research aims to solve the problems of accommodation. Based on the research which was done, it was concluded that hosteller is the perfect solution to the problem which was been earlier faced by the user and the host. We implemented the image as most user potential online means is due to image representation. This hostel marketplace provides the platform for both the user and host for booking and listing. All the research was done to fill the gap in the market of hostel searching.

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