

An Android Application for Booking Hostels in India

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Abstract— This is an app which is related to the booking of the hostels in all-over India, this app will help the students in India for finding best hostels near by the places which they are needed. It also takes the advance booking. It takes the monthly charges for the hostels. The hostels which are included in this they are providing all the facilities like AC, food, Wi-Fi, online and offline payments, 24/7 water supply, washing machine. The total hostel details are provided in the application. The people can also select the hostels according to their budget. They even have monthly rating, review, complains and feedback about the hostel which they have chosen. There will be 24/7 service centre to help the people for directions and other queries about the hostel. This application is very useful for the new generation that they don't need to waste the time for searching hostels at new places.

Keywords— Facilities, Advance booking, Service center.

I. INTRODUCTION

If you are finding for a place to stay in any areas of India, but you don't have any idea regarding the place then you don't need to worry because we are here to help you with INDIAN HOSTEL is a best choice for you! So we are introducing this INDIAN HOSTEL app as a new generation app for finding hostels easily at any corners of India.

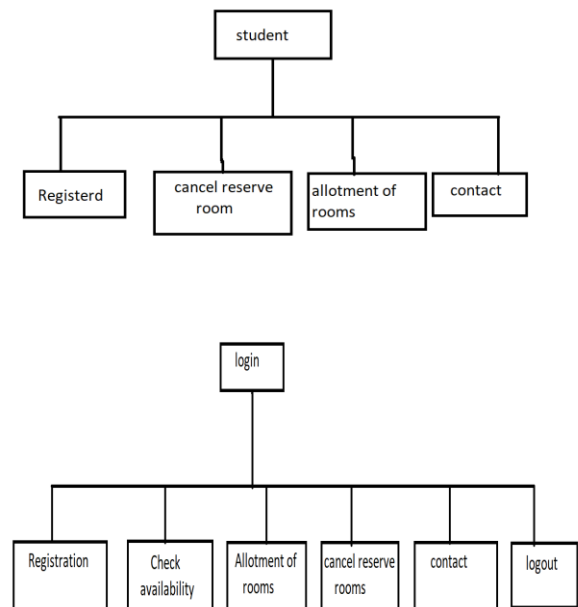
There are many students and employees who are travelling from one state to another state in India for studies as well as for employment. This is user friendly app for all the people who need hostels for staying long term or short term. This application is going to help you and sort out your problems in an easy way. This application is time saving and easy to operate. Budget friendly application.

This will be one of the successful application to use without wasting the time in searching the hostels on road side. With this application we do not need to wait in some hotels till we get the hostels. Only with one click we can book the hostels and check into it. We don't need to worry about the directions at new places for searching hostels this application has automatic direction guidelines. We can supply you the best updates and services of this application.

In India many households are running this and making this as a business and gaining profit through this hostels. So this hostels will be homely feeling and homely food. Even this application provide high security and privacy to people.

II. ARCHITECTURE:

An application architecture defines the behaviour of applications used in business and focus on how they interact with each other and with users. The following figure is an architecture for our application.



Login:

Type your mail id or phone number to login successful with OTP message or OTP mail.

Registration:

Register your details and assign various students to hostels.

Check availability:

This is the important key factor check whether the hostel is available or not.

Allotment of rooms:

Automatic room allocation is done based on room you choose and number of guests to stay view details and give acknowledgement.

Cancel reserve rooms:

If you are not willing or any other reasons ,circumstances you can easily cancel the booking without any cancellation fee.

Contact:

For any other queries you can contact the service center and even contact hostel management.

Logout:

Soon after completion of all the process if you want then you can logout from the application.

Hostel setup:

Create categories of hostel rooms with blocks and floors indetail.

This will be very convenient and comfortable for students also to find the hostels easily and get good company.

III.APPLICATIONS:

The application are going to tell you what we are including in this application

- Providing 24/7 electricity
- Continues water facilities
- Providing Wi-Fi
- Homely food
- Washing machine
- Laundry
- AC provision
- Security lockers are also provided
- The following furniture is provided in the room

- Bed
- Chair
- Study table
- Cupboard

- In the following items required to be bought by the students at their own expenses

- Buckets
- Mattress
- Bedsheets
- Pillow

We can also provide this items but you have to pay extra payment.

There is a less privacy in hostels and also sharing the rooms along with bathrooms although some hostellers make it easier guest in a hostel. Guest may share a common living space most of the hostellers are not having a proper storage valuable lockers but here in this application of INDIAN HOSTEL is totally focusing on your security, privacy, and your comfort. Some sort of things which we are providing in this application is pay clothes washing and driers also provided.

IV.PROCEDURE

INDIAN HOSTEL application is designed to provide stress free and quick use of technology with time saving facility.

The UI(user interface) will be the front end of the android application and back end will be java based android application. We use SQL- for storing the data in the database of the user. This is the smart APKs technology.

Designing application features

The design of Indian hostel application it has four screens. Splash-This screen acts as a startup screen, with the application logo.

Menu-This screen contains where you want to go? Search box, the date of check in and check out box, the guest box to select how many guests are going to acquire the place. Then we have a search button after filling this details. On the same screen you have profile of user, the language which user can speak, the sign in option in that sign in you have username or email and password for securing your profile the you have sign in button.On this screen you can see top destinations of India for hostel stay.

Search screen-On this screen you can see the several hostels which you have search in that area or state.

Main page- Which appears when you select one of the hostels from the search list. This screen contains the hostel photographs, details of the hostel with the directions of the hostels. If you like the hostel then you have booking conformation button where you can conform your booking for the specific hostel.

V.CONCLUSION:

Now a days most of all are having android mobile gadget in their hands, 68% of youngsters are using online applications for doing any kind of work that may include online payments, online gaming, online shopping, online food as well as INDIAN HOSTEL application is going to help you in the same way. Introduction of an INDIAN HOSTEL application is all focusing about saving time, improving efficiency and effectiveness of the both the process of choosing and registration. The main moto

behind this application is to help the people are not aware of the new locality and we are here to help you not to worry about the new place and for searching room. For sure this application will eliminate unnecessary fear. We ensure you to have a private and secure registration and to minimize or reduce the paperwork while registering. The main goal of this application is to improve efficiency and quality which we are providing. This system has successfully designed for accuracy and quality.

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