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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
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ABSTRACT

**HOSTEL MANAGEMENT MOBILE APPLICATION
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HOSTEL MANAGEMENT MOBILE APPLICATION

ABSTRACT

The main objective of this project is to develop an application that provides the customer about the price, location of the hostels near by their current location, ratings and reviews of the hostel.

EXISTING SYSTEM

Some of the existing applications just provide the little information like address, contact number and reviews. Due to lack of information like price, exact location, reviews and ratings, the customer is unable to find the best hostel of their choice.

PROPOSED SYSTEM

The proposed system is a android based application and maintains the data about all the related information. When compared to the existing system, the proposed system works in a effective manner.It gives us the information about the price, exact location of the hostels which are near by their current location and also provides the ratings of the customer which depends on the facilities, food and security measures. This system also helps the customers to get the prices of the hostels from lowest to the highest which will be helpful for the customers in choosing the hostel that is affordable to them.

MODULES

The system consists of the following modules:

1.ADMINISTRATOR MODULE:

This module provides administrator related functionality. Administrator manages all information and has access rights to add, delete, edit and view the data related to hostels, user etc.

2.REGISTRATION MODULE:

The hostel owners, users, will undergo the registration procedure by specifying the details that are necessary to get registered and obtain a username and password for further transactions.

3.HOSTEL OWNER MODULE:

After the registration the hostel owner has to submit the details of hostels based on the verification process. The hostel owner can provide information regarding location through Google map, price and hostel description. The hostel owner can also update the status of the hostel like whether it is filled or available.

4.USER MODULE:

After the registration the user can obtain the details of hostel located in a place. A user can select the appropriate hostel depending on information provided like Google map, price and ratings.

5.VERIFICATION MODULE:

The hostel owner has to undergo the verification process after the registration. **FUTURE SCOPE**

In future we develop this android application by implementing the web crawlers to make our application more effective. Making sure that the application doesn't depend on the administrator entirely by making the application automated.

TECHNOLOGIES

- Java Programming
- Xml

SOFTWARE REQUIREMENTS

- IDE → Android Studio (Version:- 4.1.3)
- Database → Room database or Firebase
- Tools → Android Emulator or Physical Devices

HARDWARE REQUIREMENTS

- Processor → Z2520 1.2 GHz
- RAM Minimal → 4GB
- Installation Space → 2GB