Quick Searching of Accommodation Facilities for Non-Residents in a City

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***Abstract*:-The current scenario gives rise to a necessity of a single platform of accommodation facilities. It is very difficult to access all accommodation facilities individually. This website, Eatstay.in, can act as an interface between the owners and the users. In this project we are going to develop an online website which aims at providing accommodation facilities for people. The facilities available are hostels, mess and rooms/flats. Any person can view the details of the facilities but will not be able to give feedback like comments or rating unless he is a registered user thus disallowing false defamation of any facility. He/She can contact the owner directly with the contact details. In order to avoid defamatory publicity, only the registered users can adds comments.**

*Keywords***:-**Intermediate, defamation

I. INTRODUCTION

It has been a trend from last few years for Students to shift from their home city to the cities having educational hub, incubation centres, Market Cities for the higher education Or Job Application. Shifting from one place to another in a new city or town makes it difficult at the beginning if there is no resident place in the destination. The Main issue after Entering into a new city/town is accommodation. People having lack of contacts in the city have to roam searching for Rooms, Flats, PG, Hostels for Shelter and Messes, Hotels etc.in the city. Though they select aplace to live, they hardly have any idea about the surrounding of that place.

Business and financial transactions can now be done easily and securely with websites and applications anywhere and anytime. Eatstay.in is an website for people who move to a new city and are proposed with the daunting task of finding shelter and food for their daily life. Upon registering, the user can view hostels, mess and rooms/flats according to his desired area. The admin will be able to edit, add or remove any advertisement he posts in this website.

II. LITERATURE SURVEY

A. *Mobile Application for Guiding Tourist Activities: Tourist Assistant – TAIS:*This paper presents category classification of mobile travel applications accessible at the moment for tourists in application stores for most popular mobile operation systems (Android and iOS).

B. *Smart Travel Guide: Application for Android Mobile:* The challenge address by mobile was ability to get exact location from the specified favourites, current location, map, distance between two cities, weather report, find the video.

In order to help the user who is new to the city at the travelling time and gets current location, map, distance between two cities, weather report.

III. EXISTING SYSTEM

The existing system deals with provision of hostels, mess and other facilities but to access these we need to download different app for different purposes. There exists many apps and websites for finding hostels, rented flats/rooms and mess differently, but there isn't any website which combines all these features and projects the necessities of a normal new person in the city, aimed to provide quality facilities at cheap and effective way.

The existing system is flawed as it is a time consuming process of visiting different websites for individual purposes. Even if there are websites which combine all these facilities it isn't friendly and usually needs the searcher to first create an account before even searching and usually do not show the location on map. The websites which advertise hostels, flats/rooms and mess act as middlemen to extort money from innocent customers.

IV. ABOUT EATSTAY.IN

In the current scenario when someone shifts to a new city, they go door to door in search of room/flats, hostels and mess. This is a time consuming process where there is no surety of desired outcome. Many websites are developed which provide individual facilities or sometimes in a group and does not cater to the small organizations which provide room/flats, hostels and mess. To overcome this, we are trying to build a website which will provide all facilities of room/flats, hostels and mess on a single platform, thus saving valuable time. As posting an ad here involves directly calling the admin, very small scale organizations which cannot make use of technology will also be benefitted.

Purpose of this website: The main aim of our project is to create a collective platform of hostels, mess and rooms/flats which will help new residents to settle in a city without any hassle. This website will allow user to register with a simple registration module and make use of the amenities like hostel, mess and rooms/flats. By using this website, the user will save his time and energy as well as money.

We aim to facilitate the user to get the location and details of the hostel/mess/Room in their selected area through this website and place the required facility in order of best to worst in accordance to its rating and cost.We are providing facilities to view the path to the Hostel/ Mess/Rooms through the map.

We are designing to give Hostel/Mess/Rooms detailed information to the user and to provide security of facilities by allowing admin to post only surveyed reviews.

V. IMPLEMENTATION

There are six modules-Registration and login module, user module, admin module, hostel module, rooms or flat module and mess availability module:

A. *Registration and login module:* The website will open in the registration and log in page. Here, the admin can access his account and the users can either create their account or log into their accounts.
B. *User:* In this project, we have given a facility to the user to find near-by mess, hostels or rooms/flats available in their selected area. Location-based service is another key functionality that gets used in smart phone applications. It is often combined with maps to give a good experience to the user about their location. Here, the user will select his preferred location and he will be given an optimum list of his chosen facility.

C. *Admin*: Admin can edit, add and remove facilities about Mess, Hostel And Room/flats. For prevention of false and defaming comments on any facility, only registered users will be able to comment and rate. Admin will be able to update the information regarding the facilities with only his account.
D. *Hostel Module:* This module showcases the hostels in different vicinities. Hostels will be given a rating by existing users of that hostels which will be crucial to new users. Hostels will be rated based on the services received by the existing residents.
E. *Rooms/ Flats module:* This module showcases the rooms and flats available on rent for our users. These can be rated too by existing users. The details of the room/flat like area, amenities, etc will be provided too.
F. *Mess module:*This module provides the information about the mess in different areas. The mess will be rated by existing users which will be of help to the new users registering with this app. Details like cost, menu, etc will be provided as given by the ad owner.
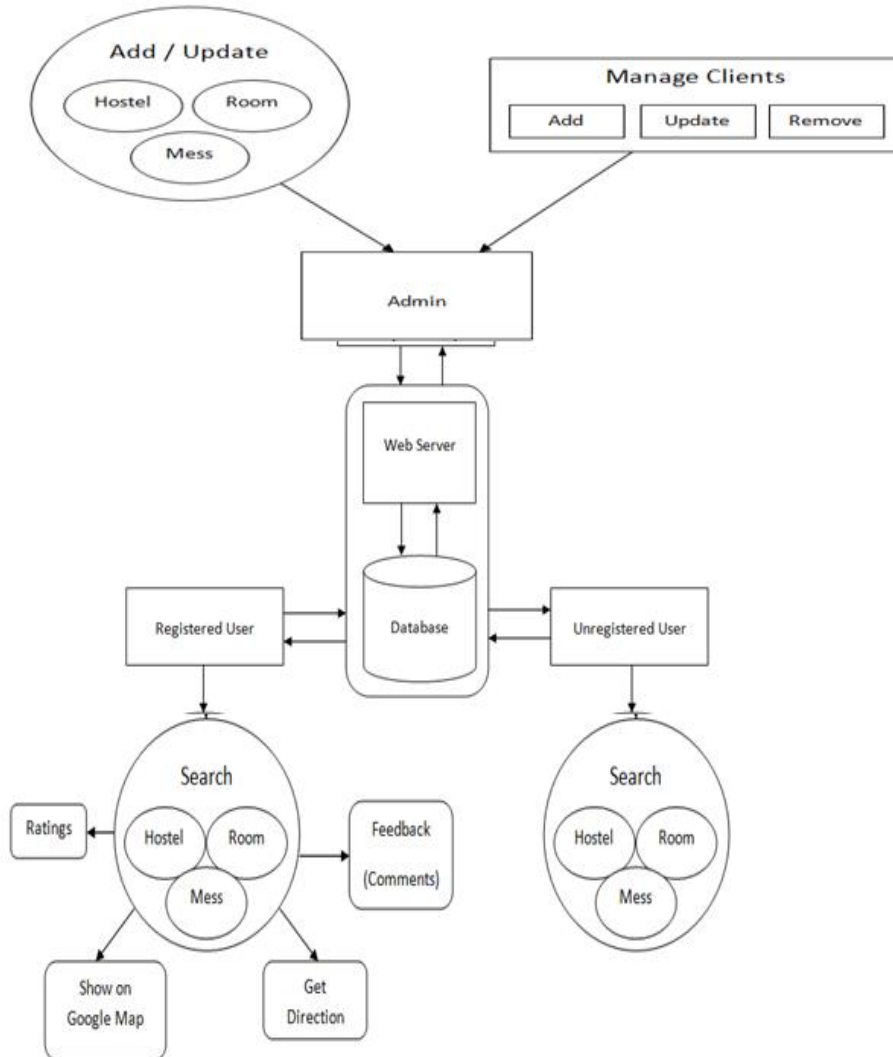

Fig 1 :- Block Diagram

VI. CONCLUSION

The problems of new students or people for searching hostel/mess/room can be solved up to large extend. The Location Based room and mess facilities aims to provide information, to new students and people shifting to new cities for jobs, to reduce their effort and mental stress when people are coming from various regions of India for settling in new cities.

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