

P. G. Portal

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Abstract- In day to day life, population is increasing speedily. By that increasing population need for houses, rooms on rent, lease also increasing. Renting a room has become important factor in modern society hence the need to have a rental house management system. Employees who needs to change their city due to shift got from company from one city to another needs a room on rent or a type of PG to stay. To get information about how rental houses are currently being managed, we met some of the brokers & the landlords and from the information we gathered and realized all work was done manually with a lot of paper work involved. Papers can easily get damaged or get lost leading to loss of data. It is also expensive to keep on buying files to store your records. A lot of files make a place look untidy and also consume a lot of space. Getting a certain file to check data from many files becomes a difficult task. Considering those facts, we decided to develop a P.G. Portal that can solve all the problems experienced with the current manual system.

Keywords- PG Rooms, Transportation, Food, Laundry, Water Supplier

I. INTRODUCTION

Now a days there are many students who studies out of town. And also there are many people who works out of town or far away from home. So, that's why they can't stay at home. That's why they have to find a room or home or hostel for to stay. And there also some consequences like not a good food, less facilities, more fare and so on. Sometimes when they live they don't even give a basic facilities too. So, that using these system we can solve these problem. This system will notify user of the daily updates of commodity prices. And students and working people can find their room near by their collage or office. This may can solve their problem for accommodation.

II. LITERATURE REVIEW

This system is a rental based system and it's specially created for the student and working people. The users can check the room prices. The register landlords are allowed to updates the accommodations and their details like prices facilities and so on. This system will be designed to provide a common platform and also direct connection between landlord and tenants. There are three basic actors- Landlord, Tenants, & Admin.

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Registered landlords can add commodities prices and delete and update prices and commodities details. Admin can send push notification to the landlord for the changing the commodities prices. Also users can be aware of the updating prices and different various exhibition. Admin has authority to change or update user or landlord's information. Shareholder can be aware of the prices of commodities so that he/she can make decision of business.

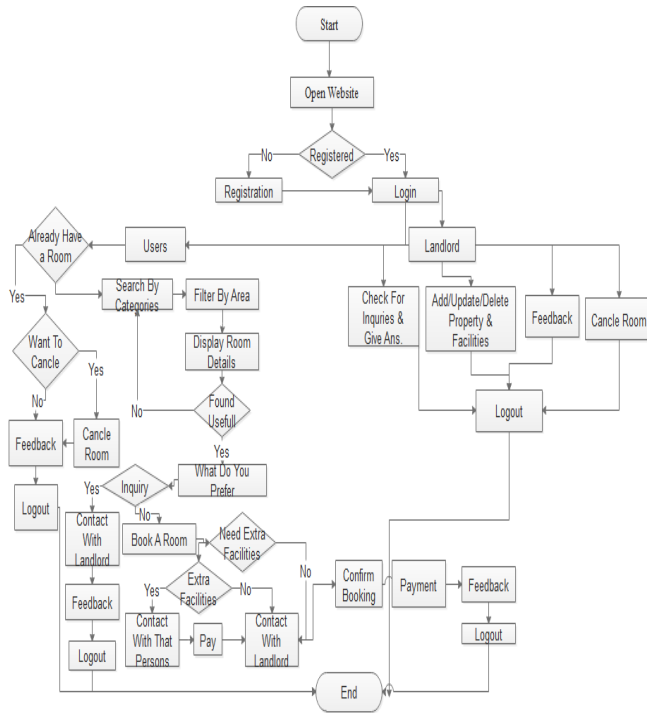
III. METHODOLOGY

The proposed system is a web application which is built in Python Jango Framework. Also available in mobile Application. It also available in website or web application. It provides the user's ability to register to this application and manage their accounts. Each user will have an account with their own home page. Then each user which registered in the web application can view the rooms and can book their room.

The application will work in following way:

- I. User have to Log In or Signup in the web application or application.
- II. The admin will select desired user from the user list.
- III. On selecting the user, the user profile will be displayed.
- IV. Then user can see every posts which posted by the landlord and choose form it.
- V. After choosing the room or house user must feel the form for which facility he/she wanted to see in their room or house.
- VI. There are some pictures are available in the application which helps user.
- VII. If you are a landlord then you also have to login first. Then and only then you can post any information about your property.
- VIII. The users will have option of choosing the filters about the content they wish to receive from the application.
- IX. Similarly, application can handle multiple users and their needs through one application. And also landlords too.

Flow Chart of our application is as follow:



IV. SPECIAL FEATURES

The idea to this application was inspired by our friends which come from out of town and faced many problems. Because they didn't know anything about new places and faced many problems. We searched and there isn't any single application in Gujarat for the particular for the P. G. users. That's why we want to help the P. G. users and want to make a python web application or the mobile application for the help of the P. G. users like a workers and students etc.

Unique Features:

Approval /Disapproval: This is one of the main feature of the application as users can approve or disapprove the content that has been sent to them by application and decide by themselves what they want for to live. This will build the communication gap between landlord and the users and will help application to work efficiently.

Scheduling: This feature allows landlord to schedule posts, photos or videos on desired account by selecting the post and scheduling it at specific date and time. After scheduling, the required post will get uploaded automatically on scheduled date and time. Thus, landlord can schedule the posts for multiple users easily which will be posted automatically whenever required.

Filters: There is also a feature of filters which will be chosen by users about the field of content they want photos to be sent to them for approval or to be uploaded on their accounts. One can choose festivals, Social and many other options like these in which they are interested.

Criteria: The client can also set criteria about how much active they want their accounts to be. This will help application or landlord to know what client's requirements are.

Extra Features: The application also shows users what extra features are available in the room or house which they are watching. And also shows them terms and conditions and also asks them if any other thing they wanted for us to add. Also food, water services, laundry and transportations are also added in the extra features activity.

Multiple Users: As agency handles multiple social media accounts, through this they will be able to do it through one application easily. They can easily move from one user's accounts to others and handle it through one application.

V. CONCLUSION

Concluding the P.G. Portal for the benefits of users we have come to know that by P.G. Portal requirement of people in respect of accommodation per providing only shelter or a dormitory type room or special room for use of user individually. By this system users are getting accommodation as per his requirement & at the location convenient to the users. Users have option to choose one of the systems provided by owner of the accommodation. It may also shoot to user's financial ability. By this system users have easy ways to get accommodation in particularly unknown cities & unknown areas. It also helps for the transportation too. This system is blessings for new comers for job, study, or small business etc.

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