

# HOME RENTAL SYSTEM

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**Abstract-** In today time the main problem for the people who are studying or doing job in the city where they have to own the house on rent. Now the biggest problem is that it is too tough to find home on rent. In present situation the people are dependent on the advertisement or the posters which are present on the wall on the roads.

*It is too tough for a person to visit one home after another. So to overcome this situation we are going to develop such an android application which will provide the platform between the rental and seller. This will be very easy for the rental to find home and for seller to sell the home. In addition the police verification will be done from both sides from the rental and seller.*

*This will give more security and will make the selling and buying easier. Paying guest is android application for finding rent house. In this application there is no broker between seller and rental so we reduce broker.*

**Keywords-** Home, seller, rental, police verification

## I. INTRODUCTION

Today's main problem for the employees and students is find home on rent. Earlier they have to go by home to home in search of home on rent and doing this work is very tough and painful. So overcome this situation we are going to develop an android application which will provide platform through which seller and rental will contact each other and will deal easily for the house and the rent.

In today's time we are facing problem of finding home on rent, in addition those who wants to give their home on rent are in search of rentals. Our application will help the rental and seller both for hiring and renting home in blink of eye. Security through police verification is also provided to make the application more secure and to enhance the security.

The aim of our project is to develop an android application which will provide the platform between rental and seller. This system will reduce the physical effort of the people in searching home and a person can search home by just swapping the thumb. Our objective is to provide a system to the people who

are in search of house on rent. This system will provide the police verification on both seller and rental side.

## II. LITERATURE REVIEW

Main goals are to situate the current study within the body of literature and to provide context for the particular reader. Some of the dominant strategies for housing and service provision for the urban poor include slum upgrading and site and service schemes. However, the efficiency of these strategies has been limited by ambivalent government attitude to irregular settlement. These strategies have failed because of a reliance on inappropriate building by-laws and infrastructural standards and modern designs, construction technology and conventional building materials that all make housing unaffordable to the poor, even after subsidies.

Thus, government initiatives in assisting house owners in management have proven to be pathetically slow with many of the houses provided being economically and socially irrelevant, this further prompting the rise of informal settlement.

The clear motivation that underlies the private sector is profit (or potential profitability) with profit maximizing options being in the context of housing, producing and selling more of the product; reducing the cost of production through lower raw material and wage costs and finally increasing the price of the product or service.

Database Management System (DBMS) has replaced the file system data management by having a pool of data that can be shared by multiple application programs and users concurrently. DBMS also provide logical and physical data independence, so that changing of data structure or application program will not affect one another.

The concept of object-oriented modelling is becoming increasingly practical because of its ability to thoroughly represent complex relationships as well as to represent data and data processes in a consistent manner. This concept has been implemented in computer software engineering; ranging from system analysis, system design, operating system, computer programming and database management system.

**Key features include:**

- 7 x 24 service
- Save products to wish list and buy later
- Only authorized and authenticated users can access
- Security feature

**III. METHODOLOGY**

The term methodology means the technique and procedure adopted by conducting a research study. It outlines how data will be collected and the tools for collecting data, system methodology, the proposed system input and output, users and systems development tools.

The application will work in following way:

1. User have to Log In or Sign Up in the application.
2. Admin will update or add database.
3. Customer can view the home.
4. Customer can select the home.
5. Then they will add it to cart or wish list.
6. When customer will confirm the home they go for the police verification.
7. The customer will go for payment and other details.
8. After the payment will be decided.

**IV. SPECIAL FEATURES**

In present system documentation is not proper for both seller and rental. So to solve this problem we are going to provide unique feature that is called police verification. In this system documents would be collected from both rental and seller. Every user who is to be allowed to access the project is given his/her own username and password and given his/her own access rights so that only authorized and authenticated users can access the project. Also the password is not directly stored in the database to prevent hacking.

**Unique Features:**

- 7 x 24 service
- Only authorized and authenticated users can access
- Police verification

**V. FUTURE WORK**

Our application can be enhanced in the future to give much functionality, which we have not yet included. As you all know the E-Commerce is so wide an area there are so many things, which can come under it. It is not possible to provide all the functionality as per budget of the client and limitations of

resources. So here we will discuss some of the enhancements, which can be made to our application.

We can enhance our E-Commerce Application to sell the products of the user. We can enhance the application so that user can upload his product with its specification and features. It will make the user happy that he can sell his product without moving out of his home easily.

Another enhancement, which we can provide is that the user, can auction the products. As per the rule the highest bidder will win the product. The auctioning makes the product sometime very cheap that a product of thousand rupees will be sold in hundred rupees. So it will make the user very happy to buy the product at very lowest price.

We can enhance our application to manage the advertisements to be displayed on the pages of our application. There can be a management panel for the advertisement, which selects the advertisements to be displayed. Because of the advertisement management panel the administrator can let others to advertise on the website and to earn the money.

**VI. CONCLUSION**

The Application we made is intended to sell the products online. With this application user can solve their problem, manage the money and handle the management. This application will make the online Management much easier than before. The GUI provided is so simple that any novice can also learn to use it.

This Solution will also make the users happy because they need not to open a diary and hand written management. The user can easily manage the products and or the seller needs not to write the orders by hand and after that doing all the calculations. All the calculation will be done automatically and all the records will be saved so the management of the customer orders is made easy.

**REFERENCES**

- [1] [www.onsitepropertymanager.com/onlinetrial](http://www.onsitepropertymanager.com/onlinetrial)
- [2] [www.academia.edu/9498812/Rental\\_House\\_Management\\_System](http://www.academia.edu/9498812/Rental_House_Management_System)
- [3] <https://www.scribd.com/document/367090705/house-rental-management-system>
- [4] <https://www.investmentnews.com/gallery/20180306/FREE/306009998/PH/10-best-cities-to-buy-rental-properties>
- [5] <https://www.huduser.gov/portal/periodicals/em/spring11/highlight2.html>