

## Home Rent / Pg.

Submitted: 25-06-2021

Revised: 04-07-2021

Accepted: 07-07-2021

### ABSTRACT:

Home Rent/Pg is a web app that provides a common platform for property buyers and sellers to locate properties of Interest in India and source information about all property related issues. Mobile introduced the mobile website with features like mobile searches for property, agent, builders and price trends Home rent/Pg book also came up with an interface for mobile users to post their properties, upload property photos and videos, edit details and refresh listings. Home rent/Pg book provide a calculation of some other teacher like receiver a document of rent PG/flat pain guest room to calculate per month rent light bill contact details etc

### I. INTRODUCTION:

Any people search home / flat / PG is the system of tacking the basis of range(amount) . Today's Successful human lifestyle is higher level then human search comfortable space .every day many people's shifty to city for work or other reasons. [1]The need a comfortable or fraud free service or direct contact to the owner .people search property the show location , property Images , videos near service etc. [2] Because of the advancement of technology today has immersed itself towards higher and better service to a life .The presence of technology has reached its maximum of providing sustainable technology towards .devices quality home through delivery and effective service have become a way of life especially [3] Android is a software platform and operating system for mobile devices, based on the Linux kernel, and developed by Google and later the Open Handset Alliance. It allows developers to write managed code in the Java language, controlling the device via Google-developed Java libraries. There are over 300 million Androids in use and over 850,000 devices activated every day. Android is the one of the most used mobile operating system with a market share of 48% and Over 400,000 applications available in Google play store. [4]

### OBJECTIVES AND SCOPE

- To learn, understand and use java programming language.

- To learn, understand and use JSP & servlet.
- To learn, understand and use MySQL
- To learn, understand and use android studio.
- To implement an android based mobile application for Home rent/Pg system.

### II. LITERATURE SURVEY

JAVA IS A GENERAL-PURPOSE COMPUTER-PROGRAMMING LANGUAGE THAT IS CONCURRENT, OBJECT-ORIENTED AND SPECIFICALLY DESIGNED TO HAVE AS FEW IMPLEMENTATION DEPENDENCIES AS POSSIBLE. IT IS INTENDED TO LET APPLICATION DEVELOPERS "WRITE ONCE, RUN ANYWHERE" MEANING THAT COMPILED JAVA CODE CAN RUN ON ALL PLATFORMS THAT SUPPORT JAVA WITHOUT THE NEED FOR RECOMPILATION. JAVA APPLICATIONS ARE TYPICALLY COMPILED TO BYTE CODE THAT CAN RUN ON ANY JAVA VIRTUAL MACHINE (JVM) REGARDLESS OF COMPUTER ARCHITECTURE. AS OF 2016, JAVA IS ONE OF THE MOST POPULAR PROGRAMMING LANGUAGES IN USE , PARTICULARLY FOR CLIENT-SERVER WEB APPLICATIONS, WITH A REPORTED 9 MILLION DEVELOPERS

Google Maps is a web mapping service developed by Google. Google Maps offers an API that allows maps to be embedded on third-party websites, and offers a locator for urban businesses and other organizations in numerous countries around the world. Google Map Maker allowed users to collaboratively expand and update the service's mapping worldwide but was discontinued from March 2017. Google Maps for Android and iOS devices was released in September 2008 and features GPS turn-by-turn navigation along with dedicated parking assistance features.

The Global Positioning System (GPS) is a satellite-based navigation system that was developed by the U.S. Department of Defense. When GPS device receives the radio signals, the exact time of arrival will be noted and is used to calculate its distance from each satellite in view (Gps.gov, 2016). To calculate the 2-D position (latitude and longitude), the signal of at least 3 satellites must be locked on by the GPS receiver.

However, to determine the user's 3-D position, four or more satellites must be used (Garmin, 2016).

### III. METHODOLOGY

This system will be implemented using the minimum hardware requirements like RAM 512MB and above, hard disk used is 20GB or above, processor used is 2.4GHz or above, display is standard output display and data input is keyboard/mouse. Software requirements deal with defining software resource requirements and prerequisites that need to be in-stalled on a computer to provide optimal functioning of an application. These requirements or prerequisites are generally not included in the software installation package and need to be installed separately before the software is in-stalled. Languages used are Java, HTML, CSS, Database used is MYSQL, Compiler is Net Beans, android studio, Web server used here is Glass fish, Operating system is Windows 7/8/10.

#### ➤ Resources Required

##### ❖ HARDWARE RESOURCES

1. CPU Speed : 2.4 GHz
2. RAM : 2 GB
3. Hard Disk : 80 GB

##### ❖ SOFTWARE\_RESOURCES

1. Operating System: Windows 7 / 8/10
2. IDE: Apache Tomcat 8.0.27, NetBeans 8.2, Android Studio
3. Front End: HTML, Java, JSP.
4. Scripts: JavaScript.
5. Server side Script: Java Server Pages.
6. Database: MySQL.
7. Database Connectivity: JDBC

#### ➤ Proposed System:

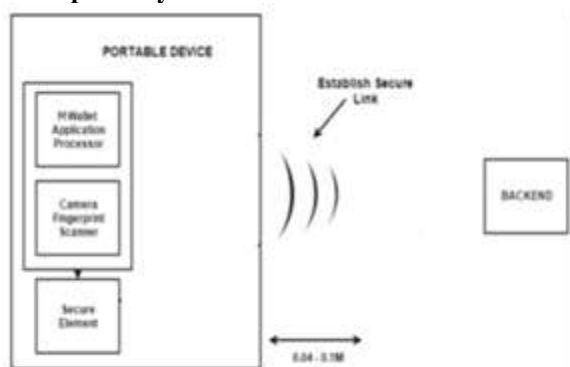


Fig: Proposed System

In order to use the product both tenant and landlord should to register with in the app, tenant's login details will be created by the landlord and the

tenant can login in to the app with the details provided. The tenant can report an issue, pay the rent and utilities bill through the app which is displayed to the landlord. The landlord can update the rent and utilities bill, send emergency info and store the documents on cloud which can be viewed by tenant

#### ➤ Experimental Results:

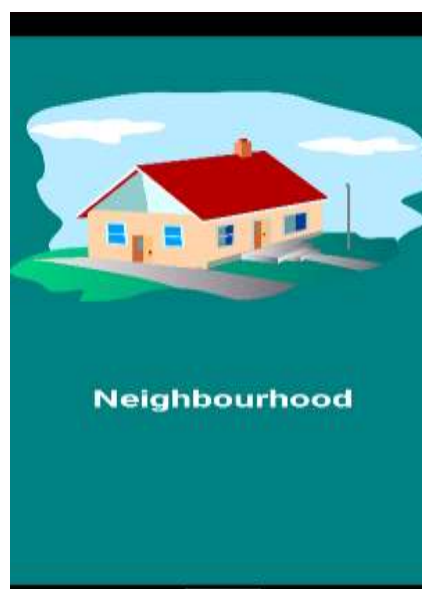


Fig: home interface

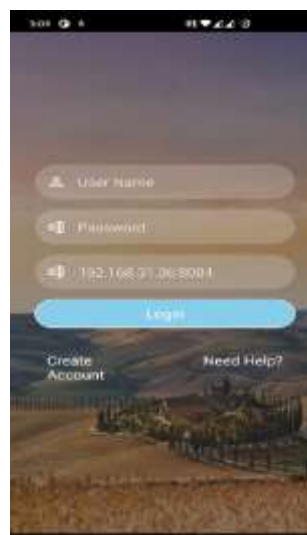


Fig: Login Page



Fig: Home Page



Fig: View Beneficiary

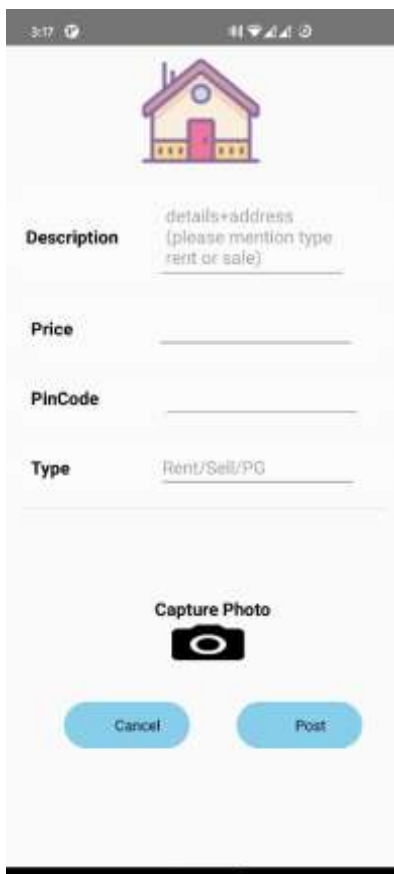


Fig: Add Beneficiary

#### IV. CONCLUSION:

Effectively resolving the apartment issues is important to the tenant's longterm future, the Rental Property Management app will be an important tool for creating rental housing stability by helping tenants speak with greater credibility through initiating and documenting communications and building productive relationships with landlords. Rental property management provides tenants of specific housing associations and social landlords with a simple way to report and arrange repairs to properties. Finally, the goal of the app is to create a better relationship between tenants and a landlord which can be achieved through this app.

#### REFERENCES:

- [1]. AndroidArchitecture",[http://www.tutorialspoint.com/andoidr/andoidr\\_architecture.htm](http://www.tutorialspoint.com/andoidr/andoidr_architecture.htm).
- [2]. Usha Rani&Ramya Krishna, "Overview of Android For User Applications", November 2014.
- [3]. Ganiyu R. A., "Mobile Operating Systems and Application Development Platforms", July10, 2014.
- [4]. Rakhi Joshi, "Android Based Smart Learning and Attendance Management System", June 2015.
- [5]. MagicBricks
- [6]. NoBroker