



PG Locator

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Abstract:

Technology refers to the collection of tools that make it easier to use, create, manage and exchange information. In the earlier times, the use of tools by human beings was for the process of discovery and evolution. Technology refers the knowledge and utilization of tools, techniques and systems in order to serve a bigger purpose like solving problems or making life easier and better. The development of high technology including computer technology's Internet and the telephone has helped conquer communication barriers and bridge the gap between people all over the world. Through the years, new technologies and methods have been developed through research and development. The word "app" is an abbreviation for "application." It's a piece of software that can run through a web browser or even offline on your computer, phone, tablet or any other electronic device. Apps may or may not have a connection to the internet. It's typically used to describe anything that isn't a full-fledged software program. A **mobile application software** or **mobile app** is application software designed to run on mobile devices such as smartphones and tablet computers. Mobile apps often stand in contrast to desktop applications that run on desktop computers, and with web applications which run in mobile web browsers rather than directly on the mobile device. Mobile applications are a move away from the integrated software systems generally found on PCs. Instead, each app provides limited and isolated functionality such as a game, calculator or mobile Web browsing. Although applications may have avoided multitasking because of the limited hardware resources of the early mobile devices, their specificity is now part of their desirability because they allow consumers to hand-pick what their devices are able to do. Apps are generally small, individual software units with limited function. This use of software has been popularized by Apple Inc. and its App Store, which sells thousands of applications for the iPhone, iPad and iPod Touch. PG locator is an android based application that helps to find a good and authorized PG. the process of house hunting is simplified with the introduction of the PG locators. the pain of unnecessarily spending some amount of money on the housing brokers is also reduced to a certain level with the introduction of this app.

1. INTRODUCTION

Despite the many inherent benefits of traditional websites, mobile apps and mobile websites are becoming very popular. This is because majority of the consumers now basically browse the Internet using their mobile phones or tablets.

PG locator is a mobile app that seamlessly connects and interacts with everyone globally. PG locator is a valuable tool for the modern business.

Any news, information, advertisements, displayed on this website reaches millions of potential customers. A mobile application software or mobile app is application software designed to run on mobile devices such as smartphones and tablet computers.

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Apple Inc. and its App Store, which sells thousands of applications for the iPhone, iPad and iPod Touch.

PG locator is an android based application that helps to find a good and authorized PG.

The main objective of the project is to develop an application that provides PG's information regarding the location, facilities, food, price, maps, transportation facility, and safety measures.

The process of house hunting is simplified with the introduction of the PG locators. the pain of unnecessarily spending some amount of money on the housing brokers is also reduced to a certain level with the introduction of this app.

1.1 Objective:

To develop an application that provides PG's information regarding the location, facilities, food, price, maps, transportation facility, and safety measures.

Features:

- Quick search to paying guest.
- View search results on map.
- Call the paying guest owner.
- Can get facility details.

3.PG_OWNER MODULE:

After the registration the PG_Owner has to submit the details of PG based on the verification process. The PG_Owner can provide information regarding location through Google map, cost, PG's description, facilities and even security details. The PG_Owner can also update the status of the PG like whether it is filled or available.

3. User MODULE:

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

4. VERIFICATION MODULE:

The PG_OWNER has to undergo the verification procedure after the registration procedure. The PG_OWNER has to submit the PG's Documents to get verified.

IV. CONCLUSIONS

PG Locator is an user friendly app which enables the people to easily locate authorized PGs only. time has been an important factor in everyone's life and when people move to different places to study or to work they definitely have to waste time in searching for accommodation . This app turns to be very time saving for us. There have also been certain cons of this app. the app has been reported to hang/lag in underdeveloped phones. According to a survey conducted by the pew research centre, in India ONLY 17% of people are using smart phones. so if the app is reported to hang in underdeveloped phones then it is something that is to be taken into account and a solution must be provided .

V. REFERENCES

- [1]. Beginning Android Programming by Haseman.
- [2]. Android Application Development by James C. Sheusl.
- [3]. Programming Android by Zigurd Mednieks, Laird Dornim, G. Blake Meike, Masumi Nakamura.
- [4]. Android Programming by Bill Phillips, Brian Hardy.
- [5]. the Complete Reference JAVA by Herbert Schildt.
- [6]. Ian Sommerville "Software Engineering" Person Education Ltd,9th Edition
- [7]. [3]MichaelBlaha,James Rumbaugh "OOMD" Person Education Ltd,2nd Edition
- [8]. [4]Elmasri and Nava the "Fundamentals of Database System" Person Education Ltd 5^h Edition
- [10]. [5]Mauro Pezze,Michal Young "Software Testing" John Willy and Sons Pte. Ltd Edition
- [11]. <http://developer.android.com/guide/index.html>
- [12]. <http://developer.android.com/training/basics/firstapp/index.html>
- [13]. <http://www.codeproject.com/Articles/102065/Android-A-beginner-s-guide>

[14]. <http://mobile.dzone.com/articles/fundamentals-android-tutorial>

[15]. <http://mobile.tutsplus.com/tutorials/android/java-tutorial/>