



“Android based Development of an app Fixician for home utilities using android programming.”

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Abstract: In gift state of affairs, folks area unit buried up during a significant work culture, as everyone seems to be engaged with busy schedules, and feverish tasks that build them deviate from family life. If any problems encounter unexpectedly, it distracts them and makes them select over the work they need to accomplish primarily. it's vital to manage each skilled and family life. In such circumstances, each one folks would have fantasized a few quite house that doesn't have any leaks in pipes, if it doesn't have any mess in fixing a article of furniture and a form of house that ne'er face any maintenance problems and each one among U.S. have thought that a life would be far better if no purpose of issue arises in obtaining a service at your door step and if there's no mess in talks a labour for home service. In such situation's E-Commerce plays a significant role in today's life because it has such a large amount of benefits in our life as a result of it makes convenient in existence of the folks. So, giving an idea to it facet of life is to style and develop a system that has several services at your step in only one click. A System that has style of services like plumbers, repair persons, cleaners, electricians, painters, taxi service laundry and plenty of a lot of. to form it snug for all the users our system additionally offers mobile surroundings that offers ease in accessing our services that's Booking Home and Individual Services Booking Home and Individual Services is on-line platform that provide Customers to rent trained staff on-line for his or her home services. Its aim is to produce fast and very best quality services to their customers. currently a days for any services like Plumbing, Electrical, Electronic, Mechanical management, Home Paint and Machine Repairing, if any client desires to use this kind of services than they will undergo a private meeting or mobile decision. it's troublesome for client to seek out any service in emergency at any time and place. therefore with this project we tend to area unit attending to develop web site and golem app which can facilitate customers to seek out out answer for any issues associated with Plumbing, Electrical, Electronic, and Mechanical, pesterer management, Home Paint and Machine Repairing service. Our web site and golem application can offer a platform for all quite house hold services at any time and place. Our project also will offer the facilities like security, on-line payment, map navigation and additionally promotion,Pest

Keywords: Android; Booking; Workers; purchasers.

I. INTRODUCTION

When somebody would like aid with little however major errands, the difficulty arises once service practiced persons square measure untouchable or the sure suppliers square measure not possible to seek out, UN agency delivers systematically perfect service on instance. Our on-line system for unit services provides the foremost expedient and annoys free thanks to get your domestic work done. we tend to aim to assist in providing optimum solutions to all or any your unit troubles with a lot of potency, ease and majorly, a fragile bit. one click system describes booking extremely practiced in-house professionals and gets your service done on time. Customers' overall temperament to pay is considerably and absolutely correlative with the expectation that fee-based services would be higher, and with the assumption that “pay for what you get” is that the right issue to try to to. Keeping that in sense our projected system is largely a marketplace for unit services and it's the platform wherever the rates were standardized and there's no necessitate bargaining over costs. many aspects like home cleansing, plumbing, electrical works and woodwork services square measure concerned in a very system to supply happy and healthy home atmosphere so as to satisfy shoppers. These apps offer services that have a great deal in common with personal assistants, except that rather than being solely app or chat-based, they are accessible via alternative mediums, the Web, phone, and SMS, all making an attempt to capture a small amount of the worth chain through aggregation, as listing platforms, or specialisation, by giving standardised services with commissioned, background checked professionals at the doorstep. Here square measure a number of the a lot of widespread ones. Associate in Nursinging robot app could be a computer code application running on the robot platform. Fixician provides a singular revolutionary service in home



maintenance giving home cleansing services, tormentor management, ac repair service, plumbing, interior service, carpentry, cook, painting. Because the robot platform is made for mobile devices, a typical robot app is meant for a smartphone or a pill computer running on the robot OS. within which the Ethereum Fixician has been used.

Fixician has completely different characteristics and options, the subsequent square measure its main characteristics:

- **Home Cleaning Services**
- **Pest Control**
- **Ac Repair Service**
- **Plumbing**
- **Interior Service**
- **Carpentry**
- **Cook s**
- **Painter**

II. PROBLEM STATEMENT

A variety of companies square measure inspired to own their merchandise and/or services on demand by growing their mode. Since the large achievements of Uber, a taxi on-demand service, this market has distended chop-chop. a range of corporations entered and have become competitive within the on-demand trade. However, it's demanding to make associate degree on-demand app and acquire orders. The 3 main steps to implement associate degree on-demand business arrange embrace research, design, and app feature coming up with and promoting of the app. But, do you have to have any issues with however you'll get the foremost downloads on- demand and turn out revenue from them?



❖ **Research of on demand app**

Identifying the Audience & the matter you would like to Solve: the simplest ventures have a schedule. You've got facilitate. this suggests to think about WHO the shoppers ar, and what their wants ar, with associate degree on-demand service — or a service. User analysis is a perfect thanks to open up info into a product app. So, you ought to begin by deciding that question the app will solve for the asking. however do individuals like that? can you really meet a requirement? Would individuals need mechanics at their doorstep? can individuals prefer to get food? does one need haircuts to a click tap? Qualitative and measuring can decide answers to all or any these queries right before you launch. Yes, additionally as your project starts, you'll conduct analysis (see next point), which is able to turn out abundant info you wish for your application to be engineered with success. So, you want to 1st assess the target market parameters. Low Competition: selecting the applying with the smallest amount Competition choose bound merchandise or services wherever less competition is anticipated to occur. whereas competition may be a new development that has created the trail to success, not all businesses have entered it. seek for product or services on demand by your competitors. after you don't, otherwise you're not going to survive. If yes, explore for the breakouts and provides your customers one thing or one thing that your prospective



customers don't supply from the other merchant. Your on-demand computer code can give the user with one thing nice to access and use. analysis The fuel that drives a replacement plan is implementation. "What if somebody steals my set up instead of simply disturbed and thinking? "Go on to research what percentage individuals are able to purchase through your on-request submission. Build and top off questionnaires for real customers. the foremost correct and volumes of results may be made in digital and physical ways in which. To raise friends to fill them in and raise them to fill out a lot of questionnaires is a way. think about that if you fill out physical forms, the corresponding target market can fill out them. you ought to enter locations wherever the main focus audience of your product or service is presumably to be set and fire the survey type. It provides you an honest image of what

percentage customers are probably concerned in shopping for your merchandise and therefore the right cue to continue. you'll be able to simply conduct a web social media survey by exploitation social media a lot of and a lot of to see whether or not your product plan is possible and can succeed. determine the Key Players & Functionalities you wish what percentage players will your on-demand program ought to operate? The key sections are

- Your customers
- Your suppliers of services
- Your management team/operations.

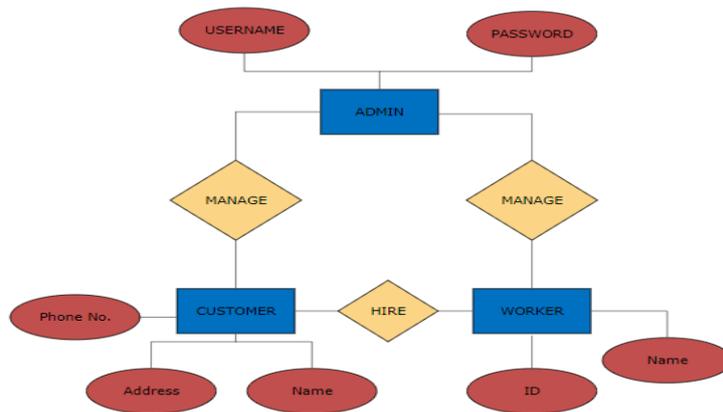
For instance, UrbanClap has tie-ups with people who corporations that give the services and therefore the individual service suppliers in addition, then there are people that manage everything from the backend. Then there are purchasers or people that are literally trying to find the services that they supply on their application. On-demand apps will get tough thanks to of these totally different players. a spread of functions associate degree options are expected by all the parties collaborating in an on-demand operation. This generally suggests that separate applications in one app and generally it means multiple players are ready to build entirely freelance devices. Marketing: unfold the Word round the quickly - when the app plan is formatted and perceived as seemingly to succeed, the promoting set up ought to be taken forward. Sure, before the primary line of code is written, promoting can begin. produce a web site for a single-page app; in short, the landing page, and let your public fathom launching the app. Inform them that your app are going to be sensible and useful. Mention the options and every one that a client would possibly prefer to fathom. this offers you an honest plan of what you'll be able to expect from your app. it's associate degree approach to preventive promoting employed by many corporations that launch apps. Intuitive App style -When you have got a easy interface missing then your application might have the simplest price that no-one else will deliver for the asking however doesn't show success within the search. associate degree app that has self-search and wishes restricted steps to gauge the merchandise you would like is presumably your favorite person. The contrasts of colours utilized in the emblem would attract the attention and keep the text decipherable. while not abundant trouble, the customers or users ought to be ready to quickly determine and order the drug. Intuitive application design can attract more clients and help to retain the existing client base. Offers & Design-You will provide offers and discounts and you can start shopping using your app until you protect the product for a wide number of consumers. Loyalty programs, bonus points, or products are some of the approaches that you can take to expand your client base. Sales coupons. It's the safest way to keep consumers respected. Keep Marketing the App-The soul of every company is marketing. Likewise, if you want to continue to accept orders through your application and to maintain the sales flow steady, you can advertise it continuously. Commercialize your goods via media and other marketing channels. You may like to develop the search engine for your iOS app. This puts you on the top charts and attracts the audience's attention. Generally, the development and successful delivery of an on-demand app can be seen to be not a cup of coffee. There is a lot of work to finalize software and create the end-to-end method. Therefore, the right demand production organization with knowledge and experience is very important to pick, in order to ideally accomplish the business. Preparing your application is not like getting to the finish line, it's like planting a seed, and you must constantly water it with marketing to get profit from it. Build an android application which stores basic information about an employee in the remote parse database and that retrieves and displays the data of an employee given his employee id. We would be building a basic android application that would be able to store and retrieve the basic employment details of an employee. This discussion would teach us how to add button, labels etc to your form, how to store and retrieve data from a remote database i.e. parse, how to switch from one activity to another based on a event etc.

III. RELATED WORK

The planned system consists of actors consisting of an employee and a consumer. The administrator has initial rights to access and modify the appliance, wherever it must login to try to to therefore. Then the administrator involves the consumer United Nations agency needs to require advantage of our services, it's to be before the registration and login method. A consumer will request the services they have. Once an invitation is created, the consumer is in a position to contact the employee. Once the employee receive the request then they need to go to the geographic point for the requested service. once finishing the service the consumer needs to undergo the payment method and rate the consumer service to substantiate the service. Once the service is over, and within the worst



case if customers don't seem to be glad with the service they receive they'll fill the feedback kind and if the consumer remains not glad with the service then inside three days, with the assistance of our come back policy method the consumer will get their refund or apply for a next service. the aim of this document is to convey an in depth description of the necessities for the "Amazing Lunch Indicator" (ALI) code. it'll illustrate the aim and complete declaration for the event of system. it'll additionally justify system constraints, interface and interactions with alternative external applications. This document is primarily supposed to be planned to a client for its approval and a reference for developing the primary version of the system for the event team.

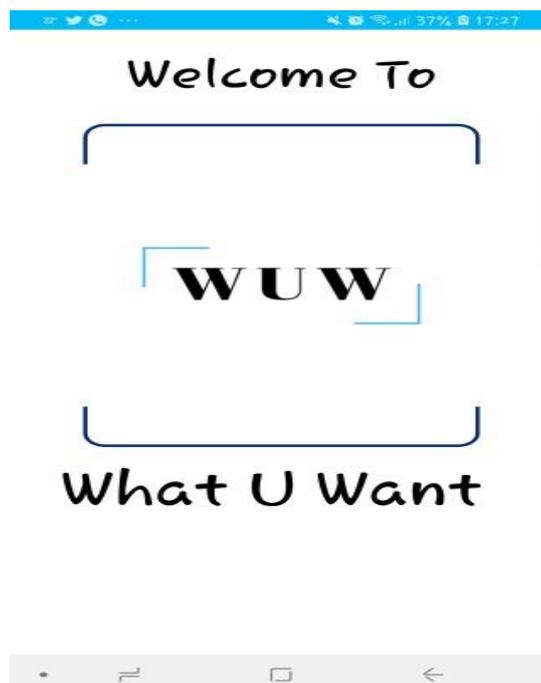


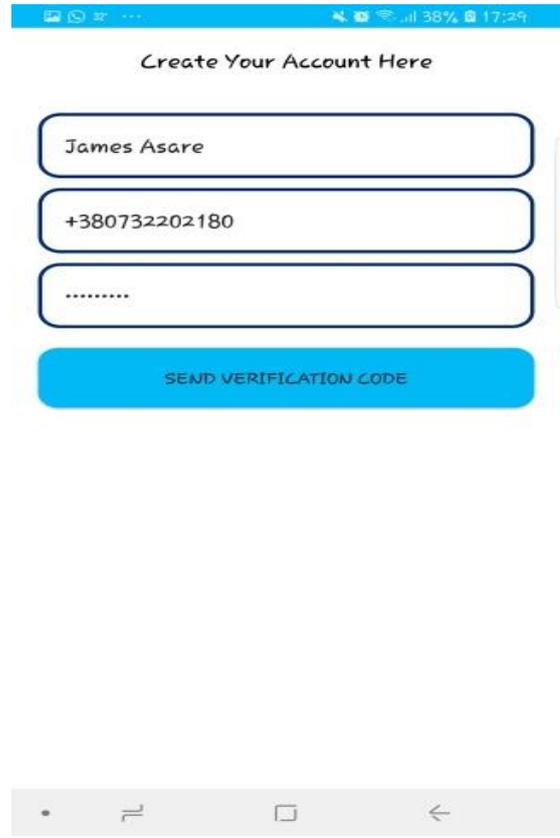
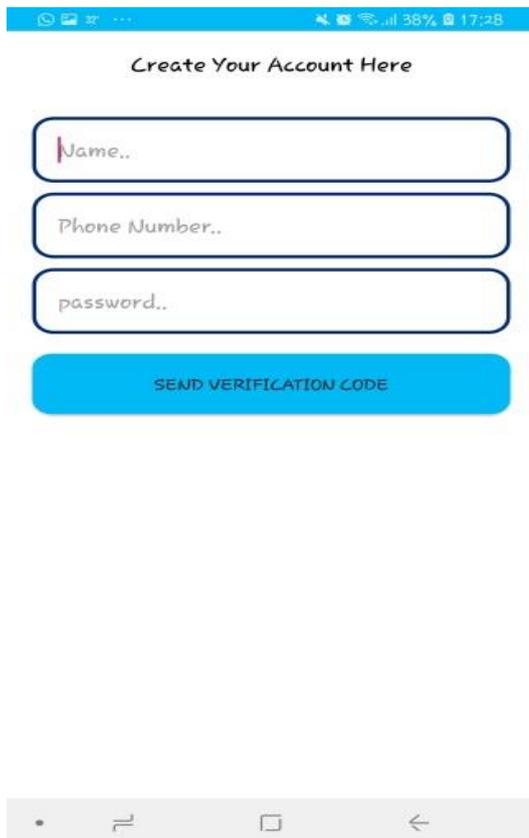
IV. PROJECT PURPOSE

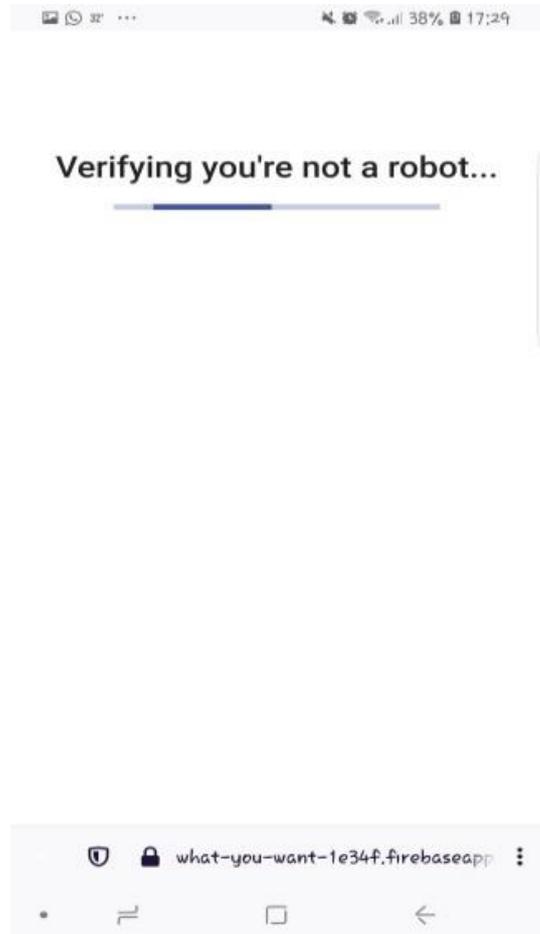
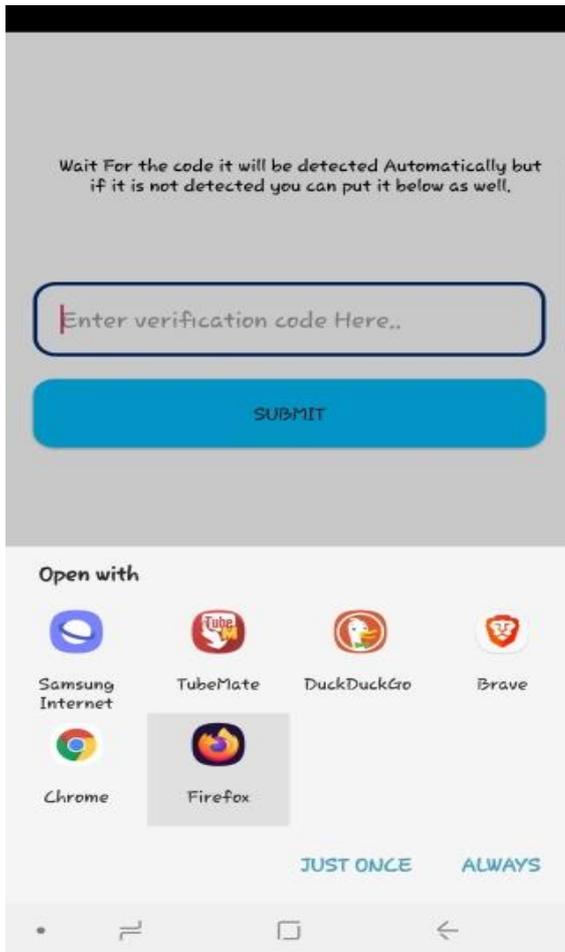
In existing charity applications everything is done manually, so Blockchain technology is a structure that stores transactional records, also known as the block, of the public in several databases, known [41] as the "chain," in a network connected through peer-to-peer nodes. [42] Typically, this storage is referred to as a 'digital ledger. The main theme of the project is to give the public a genuine and true platform on which they can donate their goods without the third party and faith assurance. The enhancement is done with the help of blockchain technology because no alteration is possible and also no one can cheat in the system as all the transactions are transparent to everyone.

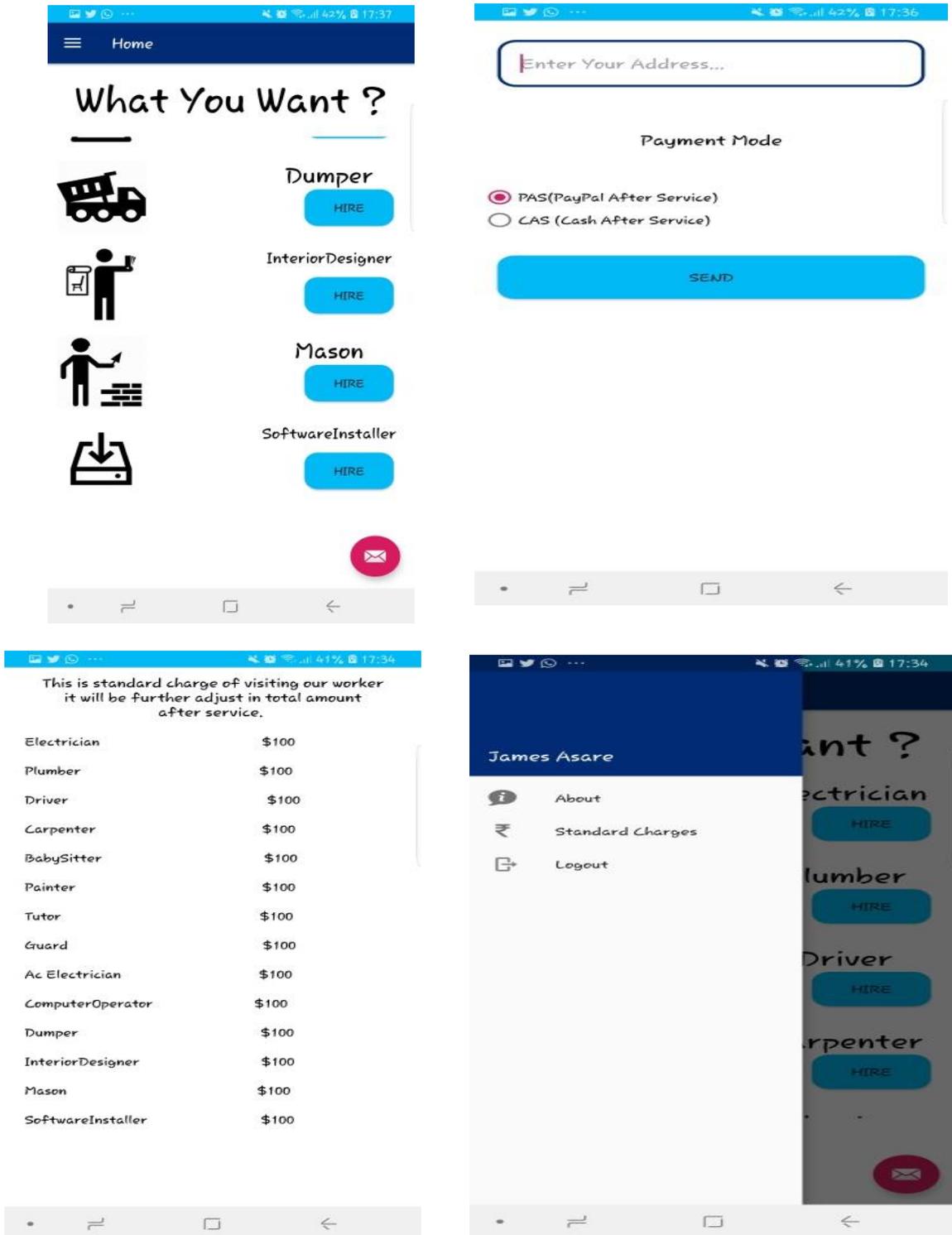
V. EXPERIMENTAL RESULT

Steps for application:









VI. FUTURE SCOPE

- Android introduced some innovative and new features with every new version and try to overcome its drawback in previous version.
- Many companies are now working just on developing android based applications
- There has been an unexpected rise in the demands of the android development and this demand is expected to increase in future



- Future of android is beyond imagination. There seems to be no end to evolving new applications and mobiles using android technology

VII. CONCLUSION

The Booking Home and Individual Services application provides a number of the house services that square measure most often used. this method accommodates the ever-changing desires of the top user. the system will be designed in order that its capability will be inflated in response to the more needs that the applying provides associate acceptable service overseas. more this application will be prolonged by simply adding up the specified services and extra payment systems. as an example, the present system provides the subsequent services like skilled worker, watcher, driver, journeyman repair and different service. more the system will be extended as per the necessities of the user. The system will have prolonged by adding the services like mobile and pc repair, laundry services, occupation services and lots of a lot of. The discussion payment strategies our system has, as an example presently system has on-line payment by solely PayPal users more it will be extended by adding the payment services for visa users conjointly.

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