PARVATI HELIX - MOBILE APPLICATION FOR PROVIDING SERVICES ONLINE

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Abstract— Parvati Helix Is a Indian Shopping App brings For Providing Online Service About Various Tools and Equipment's In Affordable Price.
The Various Tools And Equipment's Are:

- MetalCutting.
- CarbideCutting.
- End MillCutter.
- Form Cutter.
- Hob Cutter.
- Hacksaw & etc.

We are manufacturing and exporting all types of Centreless Grinding machine job work at a very low price.

- Our main to give best finishquality.
- To deliver material in time.
- To Fully satisfy the buyer them bestquality machinedproduct.

Key words— Android Studio, Firebase, E-Service, Android Application.

1. INTRODUCTION

Android Studio is the official integrated developmentenvironment (IDE) for Google's Android operating system, built on JetBrains' IntelliJ IDEA software and designed specifically for Android development. It is available for download on Windows, macOS and Linux based operating systems. It is a replacement for the Eclipse AndroidDevelopment Tools (ADT) as the primary IDE for native Android application development.

Firebase is Google's mobile application development platform that helps you build, improve, and grow your app. Here it is again in bigger letters, for impact: Firebase is Google's mobile application development platform that helps you build, improve, and grow your app.

Thisdevelopmentoftechnologyhasallowedonetoearn their living by simply managing an App. There has been a tremendous amount of growth in the online sector. The E-Serviceproposedinthispaperstatesasmartwaytomanage onlineservices.

Considering all aspects such as time and user-friendliness of the app, this system has been designed.

2. DETAILED PROBLEMDEFINATION

As all companies are expanding their business by a means of an application or a website hence forth we are providing servicesthroughanapplicationsothatwecanprovideservices tothecustomeroveraremoteareawithoutanyambiguityand will also reduce the time and effort of thecustomer.

3. EXISTINGSYSTEM

One of the best ways to earn money online is throughonline shopping. E-Service is a business model that involves transactions taking place on the internet. Many popularapps such as Amazon, OLX, Uber, 99acres are available in the market.Butallofthembeingmulti-vendorwebsitesfallinto a different category. So far, there are almost negligible applicaions that promote a single vendorsystem.

4. MARKET SURVEY

E-ServicesisoneofthepilotprojectsundertheElectronic Government Flagship within the Multimedia Super Corridor (MSC) initiative. With E-Services, one can now conduct transactions with Government agencies, such as the Road Transport Department (RTD) and private utility companies such as Tenaga Nasional Berhad (TNB) and Telekom Malaysia Berhad (TM) through various convenient channels such as the eServices kiosks and internet. No more queuing, traffic jams or bureaucratic hassles and one can now conduct transactionatone'sownconvenience.Also,ElectronicLabour Exchange (ELX)is one stop-centre for labor market information,assupervisedbytheMinistryofHumanResource (MOHR),toenableemployersandjobseekerstocommunicate on the sameplatform.
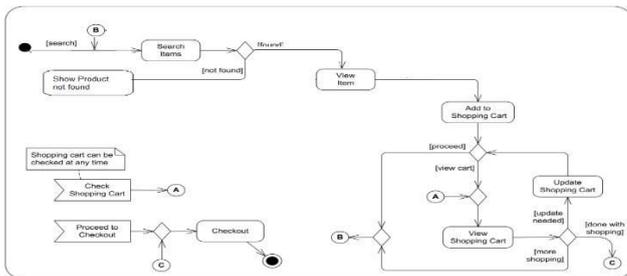
5. SCOPE

ToprovideServicestothecustomerofParvatiHelixusing an androidapp.

- To reduce time and effort of thecustomer.
- Proving qualityservices.

- To include Payment Gateway for providing various paymentoptions.

- To provide user friendly interface(UI).

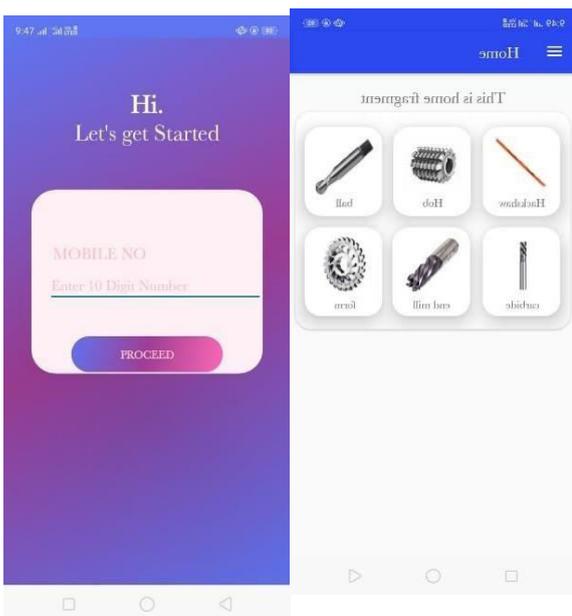- To provide security to userdata.

6. WORKING

The activity diagram given below shows the working of the System.

TheCustomerlogsinorregistersintotheappandmay use services such as viewing the products, ordering a product, cancelling the order or even returning the productifnotsatisfied.Alsotheadmincanaddproducts, removeproducts,productvariantsarealsoavailable.The admin can access all recent orders, their invoices and manymore.OurE-servicebeingasinglevendorapp,can betrustedonthequalityoftheproduct.Itwouldn'tvary as it being sold from a single vendor. The websitebeing made in react and python is a light-weight, responsive and user-friendly website. Working part of our project consistof

injector–isadependencyinjectionmicroframework, used to implement dependency injection design pattern in formal and pretty way also in a pythonicstyle.

7. SCREENSHOT

8. CONCLUSION

We have studied that how an android application is developed and which resources are used. Learned some languages for developing the application. The application will provide the service to the user from the parvati helix company. Learned that how to tackle with the problems that can arise at the time of application development.

9. FUTUREPROSPECTS

- To Provide better userexperience.
- Coupon Code Feature will beadded.
- Share product option will be added to share product to any personeasily.
- New products with offers will beadded.

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