

SIM - PAL

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ABSTRACT - SIM card dealers like wholesalers, retailers are consistently channelize themselves, continuously grooming SIM card and effectively their business. Its main purpose is to activate a sim card in very less timing. Sim card selling on directly customer and dealer. Our android application will provide very smart solutions and ease to mass sellers, retailers of SIM card and customers seeking for SIM cards. Authorized SIM card dealers(wholesalers / retailers) will register themselves on this application and can float their newly purchased SIM card slots (new mobile numbers) on it for online selling purpose. These can be prepaid network . These card can belong to various companies. Then admin will view various plans of that company along with the special offers. This will view various enquiries regarding the offers, plans and new SIM cards. This application will provide desired mobile number booking facility. Hence dealer can manage booking section. Using this application customer will be able to view and compare various plans uploaded by the dealers. Customer will book the specific number. Customer will be able to search desired number and purchased it. At time of purchasing user can upload their authentic documents. After validation of these documents by Admin then home delivery of purchased SIM card can be done.

Key Words : Android application, Online selling business on Android app, Smart solution, 24 x 7 hrs online selling process, Less time required to activate sim card, Customer can buy SIM card at any time .

1. INTRODUCTION

This application will be the android based using which selling online SIM card slots and can share various plans / offers announced by the different companies.

This application will also help to customers, seeking for online purchasing of SIM cards. Using this application customer will be able to book / purchase SIM cards. Customer will also able to compare various plans and offers of SIM card provider companies.

2. Project Concept -

2.1 Existing System

As per current situation customers has to visit the SIM card dealer's shop for purchasing purpose. Customer has to wait for long time in case of rush hours. For comparisons of plans customer has to go through the wall boards / wall charts etc., to select the desire mobile number customer has to go through number of SIM card envelopes provided by company which is quite complicated and wearisome tasks. As per current situation dealers has no option for 24 x 7 hr selling process.

2.2 Proposed System

This android based application will provide smart solutions for this. This application will be having two users. One user will be dealer of SIM card and other one will the customer.

3. Following are the functionalities of users:-

3.1 Dealer

To use the functionality dealer provided by application, he has to register first. After proper registration and successful login dealer can access easily android application . Using that dealer will be able newly purchased mobile number card belongs to companies with their details. Dealer can choice various offers launched by different companies. **Dealer** can search for his desired mobile number, company name etc. **Dealer** can book the desired number. Customer can compare various plans and offers of various companies under category like message plans , calling plans , data offers plans , special offers etc.,

During this he has to provide soft copies of required legal document. i.e. upload the document on application. After manual verification from admin side customer will get home delivery of SIM card. Cash on delivery method is followed for payment. Customer can rate the services of particular company. Customer can subscribe for email notifications for new updates like message plans , calling plans , data offers , special offers ,etc.

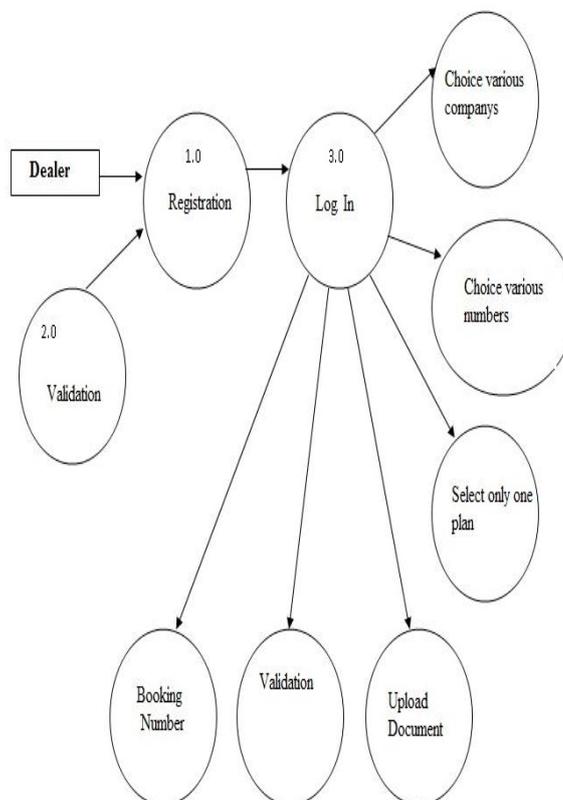


Fig. Data Flow Diagram of SIM-PAL Application For Dealer.

3.2 Customer

This android based application will provide customer the real ease. Customer will have to register first. After successful login customer will be able to access application. Using application customer can search for his desired mobile number , company name etc. Customer can book the desired number. Customer can compare various plans and offers of various companies under category like message plans , calling plans , Data offers , special offers etc.

During this he has to provide soft copies of required legal document. i.e. upload the document on application. After manual verification from admin side customer will get home delivery of SIM card. Cash on delivery method is followed for payment. Customer can rate the services of particular company. Customer can subscribe for email notifications for new updates like message plans , calling plans , data offers , special offers etc

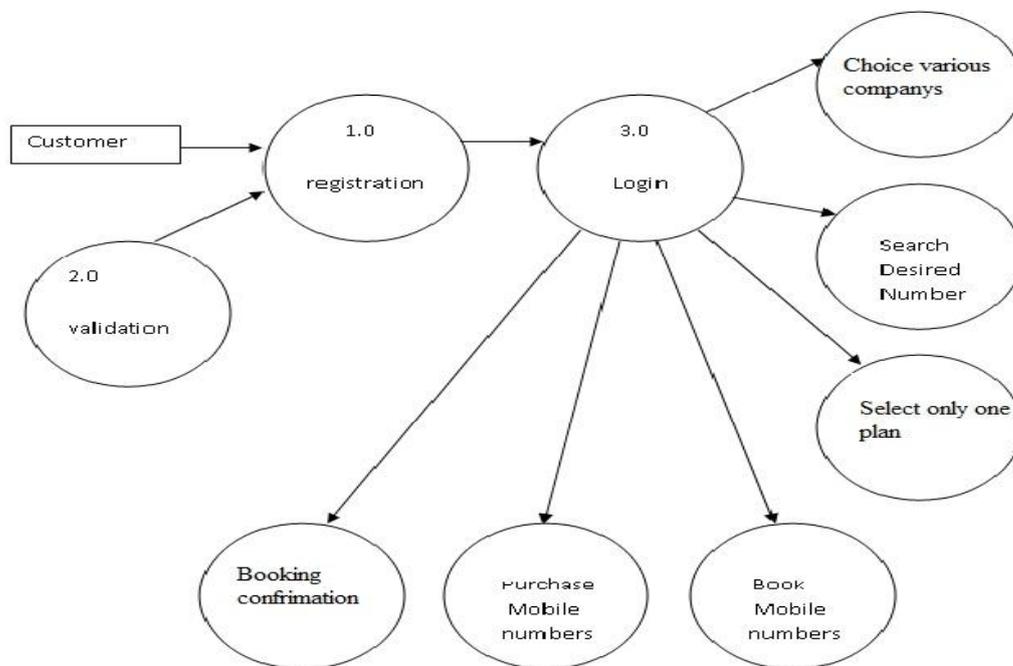


Fig. Data Flow Diagram of SIM-PAL Application For Customer.

4. Working of SIM-PAL Flow Chart (For User & Dealer)

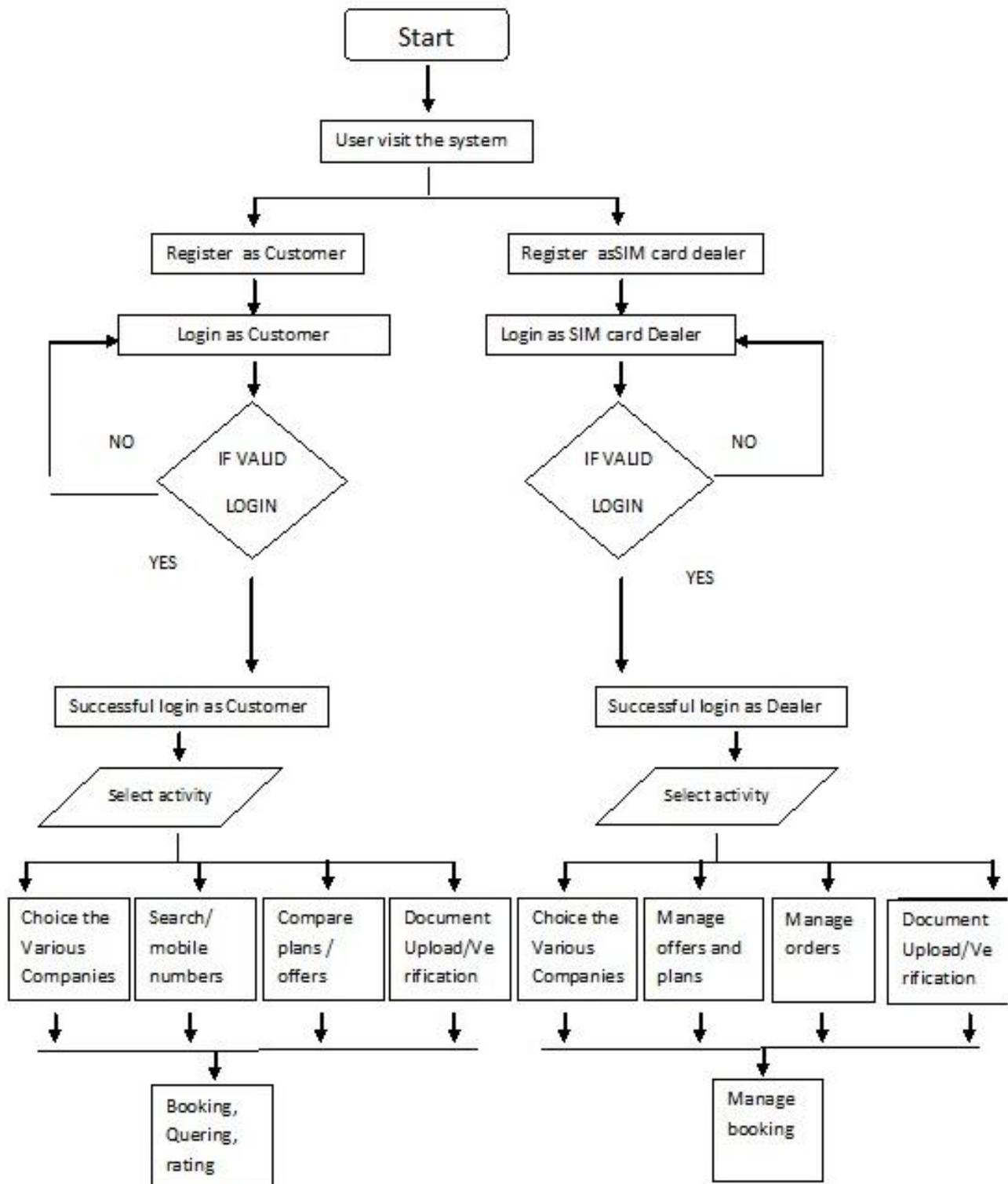


Fig. Flow chart of SIM-PAL Application

5. Advantage

1. This Application eliminates personnel visits of customer to the dealer's centre
2. This Application provides ease in SIM card purchasing process
3. This Android based Application is with centralized database hence provides smart access to the data
4. This system will provide booking facility which unique feature of application
5. Customer can compare various company plans.
6. Customer can buy SIM card at any time
7. 24 x 7 hrs online selling process helps dealer to enhance their business

6. Software Requirements

1. Operating System: Windows 7 or Windows 8
2. Language: Android SDK, Java, CSS, HTML.
3. Database: MySQL
4. Tools: Eclipse IDE, Android Plug-in for Eclipse
5. Technologies used: Java, XML.
6. Server: APACHE Server, MySQL;
7. Operating System: Android 4.2 or higher versions

7. Hardware Requirements

1. Processor: P V or higher
2. RAM: minimum 256 MB
3. Space on disk: minimum 512mb
4. For running the application:
5. Device: Android version 4.2 and higher

8. Future scope

Currently the android application works as an offline application which only allows access data from the application . In order to improve customer service, it is proposed to the Enquiry Counter, so that customers are able to make their own enquiries with respect to availability of numbers, bill amounts, plans / schemes etc.

9. CONCLUSION

The era of mobile technology opens the windows to the android app .we are introducing "SIM-PAL" the android application software. It means Purchasing and selling business of SIM cards. Is one of the important business through which this SIM cards are rooting in cities , villages remote and mobile areas. SIM card dealers like wholesalers, of SIM card and effectively their business. It's possible to make an android app of an 'SIM-PAL.app'. Our application will provide very smart solutions and ease to mass sellers, retailers of SIM card and customers seeking for SIM cards.

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