

Door To Door Taylor Service Named Darzi

Muhammad Saad Ali, Rafay Irfan, Sameer Ur Rehman

Abstract — Our project is an android application for tailoring service, and this report is written to make users aware of our product and the techniques we used to make it a successful product. It holds the knowledge of each bit we used in the making of our project from hardware to software, design to implementation, and algorithms to output results. It has been a great experience for us to work on this project. We experienced a lot of things since we started, we learned a lot and put all of our efforts to make our project successive. As the project is all about the application of tailor service, we made it for the feasibility of the tailor and customer. The customers are now just able to make their dress stitched easily by using this application. This application will provide fast, easy, and reliable tailor services at your doorstep, which will save your time. There will be no need to go outside and search for tailor simply place the order and get the tailor at your doorstep for measurement and get the parcel back delivered at your doorstep. The motivation of this project is easy and reliable tailor service at door step, now no need to go outside and search tailor. Simply place the order and get the tailor at your doorstep for measurement and get the parcel back delivered at your doorstep. Fast and easy!

Keywords: Software-Defined Network, Implementation, infrastructure layer, Control layer, Application Layer, OSI Model, NOX Controller

I. INTRODUCTION

The core idea of this project is to provide fast, easy, and reliable Tailor Services at your doorstep. We are building an android application which will provide online tailor services to the users. The most important aspect about this application is to save your time; customer can easily place their order as the world is moving fast everything become digitalized and our country is far behind so we aim to move with the world.

For this reason, we are going to provide this online tailor services, which saves your time. Online tailor service aims to bring a tailor at the doorstep of the customer so that they can avoid unbearable, uncertain traffic jam. The problem of finding best-fitted tailor in any location. This online tailoring service will provide online services to customers such as measurement submission to their tailors, check whether their orders are finished, and also help in proper keeping of records. This will ensure the availability of the right information, [1] information safety, easy storage, access, and retrieval. The study aims at building a computerized tailoring service that would be more effective and efficient than the existing manual

system by sitting at home and can get the dresses stitched.[2] As the uses of android mobile are evolving day by day, online services are also increasing, which is easy fast and reliable. The most important aspect about this tailored service is to save your precious time and take your stuff from your doorstep within your given time. Before you were not able to know what is the new designs and fashion without moving out from your home, the revolution of mobile phone make it easy and give it to our fingertips. In this application you will be able to know about new designs which are in fashion, and get easy access to your nearby tailor and get your dress stitched, the technology always brings comfort. [3] This time it brought tailoring services to your home. Just sit at home, select, customize, and get it stitched. As the world is moving fast, everything becomes digitalized, and our country is far behind, so we aim to move with the world. For this reason, we are going to provide this online tailor services, which saves your time. Online tailor service aims to bring a tailor at the doorstep of the customer so that they can avoid unbearable, uncertain traffic jams, which can solve the problem of finding the best-fitted tailor in any location. This online tailoring service will provide online services to customers such as: measurement submission to their tailors, check whether their orders are finished and also help in proper keeping of records. This will ensure the availability of the right information, information safety, easy storage, access, and retrieval. The study aims at building a computerized tailoring service that would be more effective and efficient than the existing manual system. [4]

II. RELATED WORK

The main reason for building this application ‘Darzi’ is to provide fast, easy, and reliable. Online Tailor Services at your doorstep, the most important aspect of this application is to save your time; customer can easily place their order by sitting at home and can get the dresses stitched.

2.1 Traditional Methods

For hundreds of years, ‘ people have depended upon the traditional method of sewing clothes. Modern conveniences, such as interfacing and automatic buttonhole attachments, have made traditional sewing techniques optional for most garments.

However, while the modern equivalent will get the job done in an acceptable manner, the results will never be equal: a properly hand sewn buttonhole will always look better than one created by machine Online custom tailoring and then stitching by a tailor is the only solution to this problem.

2.2 Online Tailoring System

Muhammad Saad Ali is with Soft. Solution, Karachi, Pakistan.

(Email: saadalikhan96@gmail.com)

Rafay Irfan is with Soft. Solution, Karachi, Pakistan.

(Email: rafayirfan791@gmail.com)

Sameer Ur Rehman is with Soft. Solution, Karachi, Pakistan.

(Email: sameer.rehman234@gmail.com)

- The most important aspect of this project is that the user can get their stuff stitched and all tailor services at their doorstep
- In this service, the user can easily select nearby tailor and also can check hot fashion design
- In this mode, the user can check stitched, Alteration, etc. price list.
- The client can also check their records of the previous bill with date and time.
- This feature will provide pop up notification to tailor and clients.
- It lets the user find and nearby tailor easily
- Mobile payment is being adopted all over the world in different ways, and in a similar way, here tailor can collect payments from the customer via credit card, which allows the tailor to receive online payments directly into his account securely.
- This approach gives you full control over the design or chooses from a range of preset designs or completely by your own choice.

2.3 Description of the project

In the fast-growing field of Computers and development and even more rapidly growing usage of Mobile devices, the future is hard to predict. We are working with this Android Based Application as, like Careem and Uber online services our final project will provide door to door tailor services, we offer the modern-day woman an unparalleled made-to-measure online tailoring service. It is a unique experience that lets you express your personal sense of style without having to worry about design, fitting, quality, and delivery commitment. Offer free pick-up and delivery service in Karachi; this service will provide customizable designs in blouses, kurtas, suits, and bottoms, etc. according to the client's individual measurement. This application can find nearby tailor, so the client gets easy access to tailor without any trouble; it will also provide notification pop-up picked up and delivery staff status.

2.4 Background of the project

As the uses of android mobile are evolving day by day, online services are also increasing, which is easy fast and reliable. The most important aspect about this tailored service is to save you precious time and take your stuff from your doorstep within your given time before you were not being able to know what is the new designs and fashion without moving out from your home, the revolution of mobile phone make it easy and give it to our fingertips. In our app, you are able to know about hot designs that are in fashion and get easy access to your nearby tailor; Technology always brings comfort. This time it brought tailoring services to your home. Just sit at home, select, customize, and get it stitched.

III. PRODUCT PERSPECTIVE

As the uses of android mobile are evolving day by day, online

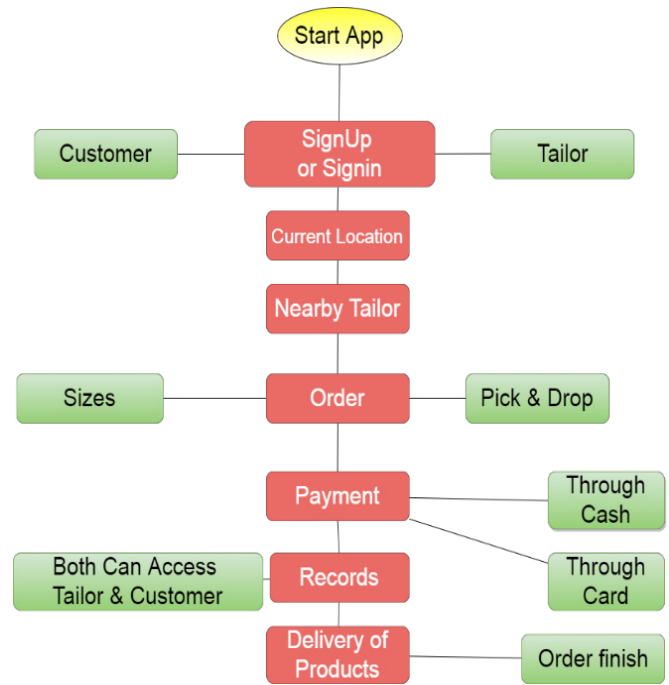


Fig 1 Model of the System.

services are also increasing, which is easy fast and reliable. The most important aspect about this tailored service is to save your precious time and take your stuff from your doorstep within your given time before you were not able to know what is the new designs and fashion without moving out from your home, the revolution of mobile phone make it easy and give it to our fingertips. In our app, you are able to know about new designs that are in fashion and get easy access to your nearby tailor; Technology always brings comfort. SDN Security and Monitoring: [5-7]

IV. FUNCTIONS

Customer and tailor will have to be registered for using this application all the fields must be filled to be registered once the user has been registered, he/she will have to only sign in for the next time. If the user enters the wrong password, it will true, the password, and if the password is correct, it will show the message that sig in successfully. If the user forgets his/her password, he/she may click on forgot password? It will ask the email address and will send a code on that email address, and the user will have to enter the same code in his/her password field to log in.

V. MODEL ANALYSIS

When we start our application. It will show you sign up and sign in page. If you are already registered so you can sign in and if you are not registered, then sign up. The app will automatically track your location and show you nearby location. You can see the tailor's portfolio, and if you like, you can contact him. Then he will pick up your clothes, and after stitching your clothes, the tailor will deliver your clothes

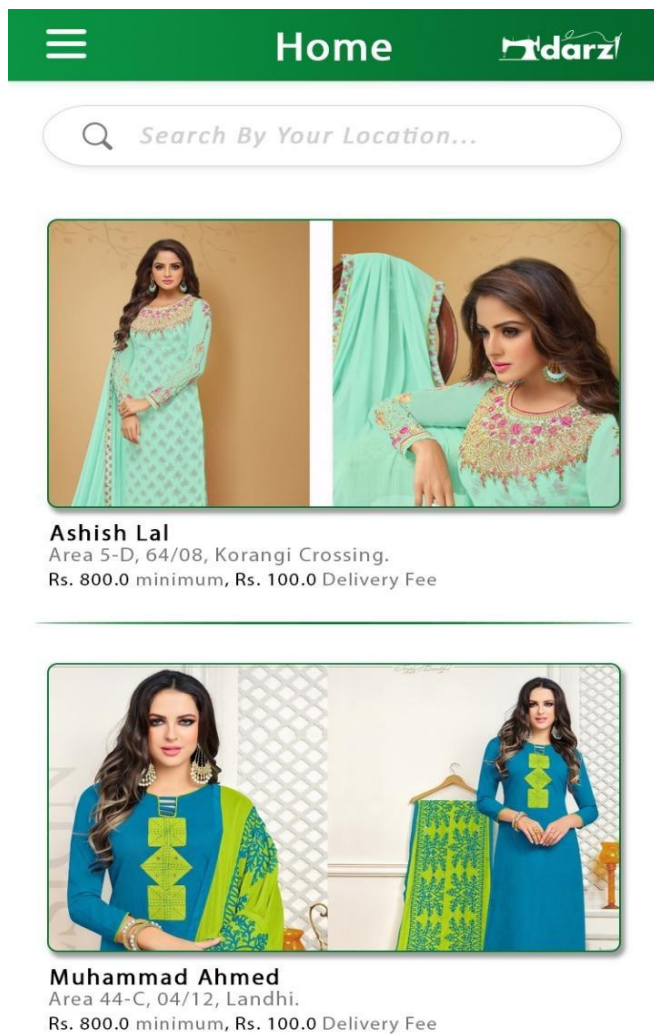


Fig 2. Dashboard

to you. As shown in fig 1.

VI. METHODOLOGY

Darzi is an android application in which both tailor and customer can register themselves; both will have separate profiles. Once they have registered, they will have to login first to use this app. Customer can find nearby tailor and customer will send notification to tailor if a tailor accepts it after that customer can check the uploaded designs of tailor or he/she can customize designs as well, customer can place order, can upload pictures of designs and dresses and can specify sizes, he can check records, and customer can easily get the dress stitched. Dashboard of the system is shown in fig 2.

Login Screen

This is the login form from where customers can enter into the application. Login interface is presented in fig 3.

\

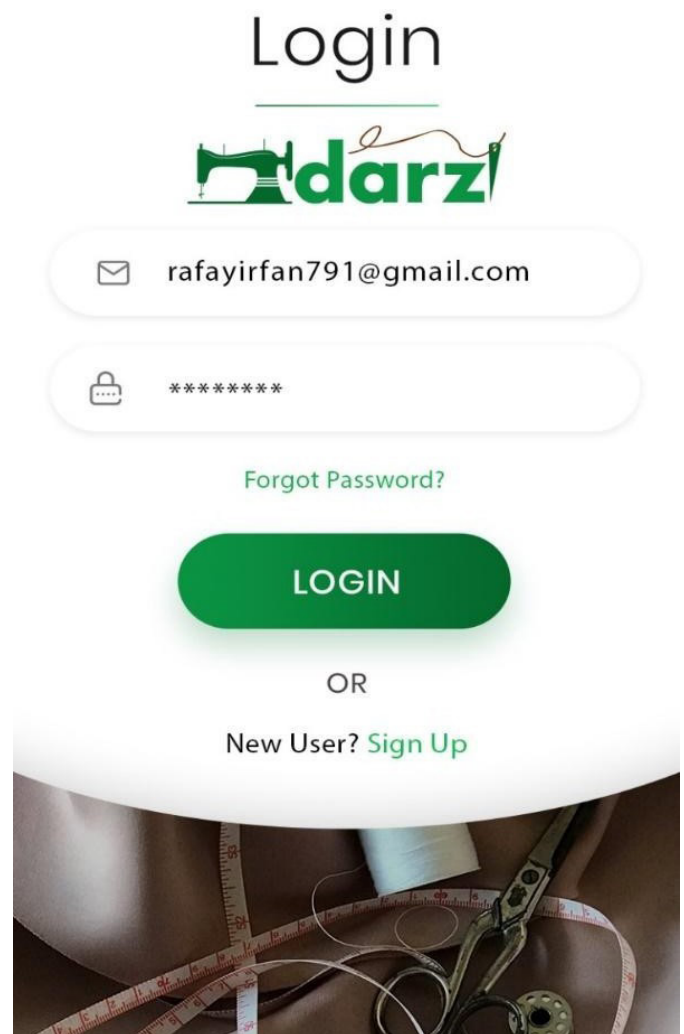


Fig 3. Login Interface.

Home Fragment

By clicking the home fragment, users can see the home page where they can see nearby tailors with their names and necessary details.

VII. FUTURE ENHANCEMENT

- Status updating, this approach will let the user know about the status of their order (In percentage form)
- Online Payment: Mobile payment is being adopted all over the world in different ways, and in a similar way, a tailor can collect payments from the customer via credit card, which allows the tailor to receive online payments directly into his account securely
- Workload time calculation can be done in advance.
- Users can register, inputs their phone numbers, and the provider sends them a message with a PIN.
- User can enter the received PIN, authenticating the number
- User can input their credit card information or another payment method if necessary (not necessary if the account has already been added) and validates payment

VIII. CONCLUSION

The online Tailoring application will ease the work of clients by allowing them to send their measurements online, thus cutting on transport expenses and time. It will ease communication between the tailor and the client and also access each other. This tailoring Application is suitable for the tailors and the fashion designers to help them to keep the database of their clients and their orders, measurements, and styles. Online tailoring helps tailors to provide customers with the most convenient services. It eliminates the need for visiting tailors' physical stores, thus enabling customers to order sitting at their homes.

This research studies the possibility of developing an interactive 24/7 portal for custom-tailored shirts through a hybrid application. Nowadays, several ready-made apparel shops are coming up frequently, which include corporate companies as well as entrepreneurs from around the world. Many apparels sold over the internet represent only a small amount of clothes hold in the local and international markets. The root of online shopping hesitancy is directed to many reasons, including poor-fit, size confusion, and defects. Our research predicts that the online store will help the customers advance in online shopping by reducing the stated cause. Ultimately, this will revolutionaries the traditional methodology and help grow the economy through commercialization. Research indicates that the online shop should come with a commitment to maintaining the integrity of the store to retain the customers. Furthermore, the vendors can consider setting up a scanning environment for their shops to pull the customer's measurement in a better way. This will be helpful for both the customers and the vendors because it will reduce the amount of time spent on the measurement process. The statistics pulled from this process would be more accurate than ever because of the artificial intelligent facility.

IX. REFERENCES

- [1] Apeagyei, P. R., and Otieno, R., 2007. Usability of pattern customising technology in the achievement and testing of fit for mass customisation. *Journal of Fashion Marketing and Management* 11, 3, 349--365.
- [2] Baraff, D., and Witkin, A. 1998. Large steps in cloth simulation. In *Proc. of SIGGRAPH*, ACM Press, New York, New York, USA, 43—54.
- [3] Belongie, S., Malik, J., and Puzicha, J. 2001. Shape context: A new descriptor for shape matching and object recognition. In *Proc. of NIPS*, 831--837.
- [4] Bridson, R. 2003. Simulation of clothing with folds and wrinkles. *Proceedings of the 2003 ACM SCA*
- [5] Brouet, R., Sheffer, A., Boissieux, L., and Cani, M.-P. 2012. Design preserving garment transfer. *ACM Trans. on Graphics* 31, 4 (July), 1--11
- [6] Choi, K.-J., and Ko, H.-S. 2002. Stable but responsive

cloth. In *SIGGRAPH '02*, ACM Press, New York, New York, USA, vol. 21, 604.

- [7] Cordier, F., Seo, H. S. H., and Magnenat-Thalmann, N., 2003. Made-to-measure technologies for an online clothing store.