



Door to Door All in One Delivery and Home Services

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Abstract:

Online looking has remodeled the method business is finished in India. folks order from websites like Amazon, Flipkart that have scaled globally and supply service in several countries. however, the native vendors want a web platform to grow. Our App can offer native retailers a platform to sell their merchandise on-line and increase their complete awareness. folks are going to be ready to purchase daily requirements like milk, bread and different groceries simply with their phone. {we can|we can|we are able to} conjointly see if any product is accessible or not in our close retailers because it will save our time.

So, by mistreatment this app users should buy a product from their native space retailers, and thus they are doing not ought to head to the buy shopping for the merchandise.

By mistreatment the mistreatment the second module of this app user will get data of service supplier like carpenter, cable operator, skilled worker, artisan etc.

Keywords: - Android Application, Android Studio 4.2, Database, Home Services and Shopping, service provider appointment, Customer.

I. INTRODUCTION

a) Door to Door all in one delivery and Home Services” could be a modern-day app created with two modules. This first deals with the “Shop services” during which we are able to fulfil user’s day to day would like of home like shopping for bread, oil, sugar, light etc. really it’s tasking to try and do this method manually attributable to covid pandemic. Whereas doing this things manually we’d like to follow rules like maintain physical distance, wear mask, etc. There conjointly danger of covid illness. This second feature deals with the ‘Door Services’ during which we are able to fulfil user’s day to day would like of home like Plumbing, Carpenter, linesman, Painter and Water setup etc. really it’s not straightforward to try and do this method manually as a result of it’d become terribly agitated to seek out out service supplier (like linesman, painter etc.) manually Hence, it’s suggested to alter the method by developing the relevant app because the world is moving from manual operating to data and technology era wherever cybernation becomes necessary altogether walks of life. Attributable to following reason.

b) Efficiency and Effectiveness

Having all your information integrated in a single place will work wonders for cost-reduction, time management and increased the business.

c) Purpose

When we want to buy a product from shops like oil, bread, sugar, Light, garments etc. then we have to go at shop and buy a product and it’s very difficult and dangerous for health in the covid pandemic. The business of shopkeeper became collapse. To overcome on this problem “Home services” is the best solution in which we can buy a product from home. When we want to do some work at home like painting, electric fitting etc. then we have to find out service provider and it’s very difficult to find out appropriate person to do work at home. To overcome on this problem “Door to Door all in one delivery and Home Services “is the solution in which we can easily find out service provider and verify service provider by using reviews given by user. Home Services is much faster and safe than manual shopping and finding service provider. So everybody needs these services

II. LITERATURE REVIEW

SR No.	Paper Name	Author Name	Description
1	An Online Portal for Home-Based Services	K. Aravindhnan and K. Periyakaruppan	Urban Company also known as Urban Clap is an app-based service marketplace that connects the users to service professionals. They aim to connect maximum people to their platform which will benefit many individuals. In this fast-paced life, UrbanCompany aims to deliver necessary services to the customers at their doorsteps with a single mouse click. The company has also introduced contactless payment method where the customer can pay through online payment gateways ¹² . Urban Company was founded in 2014. Urban Company is currently operating in 30 major cities in India including Pune, Bangalore, Chennai, Delhi NCR, etc.
2	AtDoorStep: An Innovative Online Application for Household Services	Tarun Gariya et al.	There are already some existing apps which are providing the same services to help customers with their service needs and send their employees to customers home to fix the problems. But this is of no use to the laborers because these companies are using their own employees and not people from retail shops or daily-wage laborers. AtDoorstep is basically concerned for this section of the society and is an initiative to remove all the mediators between the customer and the employee/laborer. The target audience is universal. Some apps provide only few services based on availability of their professional employees.
3	Research on the Impact of Online Shopping Express Service quality on Customer Satisfaction Based on Management Statistics	Fangjunru, Lixuewei et al.	The goods can be delivered to the destination on time and with good quality. It is suggested that e-commerce should choose the third-party logistics company with qualified service
4	Web based System for Domestic Services.	S Rachitha et al.	AtDoorStep has a huge scope in future. Many enhancements can be done in this system. This system fit in with the ever-changing requirement of the end user. Many more functionalities can be added to this system such as inclusion of different languages so that it can be made available to all the regional people who are not educated enough. Additional modes of payment can be included for the users to carry out transactions according to their convenience thus making it more userfriendly. More services can be added according to customer's requirement and demands.
5	Design and Implementation of the Home Service Delivery and Management System Based on OSGi Service Platform	Taein Hwang and Hojin Park	In this paper, we proposed the digital home service delivery and management system (DSM) to integrate home service provider's servers. We described the functional modules of the DSM, and showed how home services of the service

				providers can be delivered to the service user via the DSM. The implemented DSM can lead competition of the 3rd party service provider in home services market. The Service user can be provided with various services through reliable service aggregator, and receive a single bill for the subscribed services.
6	Android App for Household Services			Household Services are the basic needs of life. If these services are not provided at time, then it affects our lifestyle. So, proper solution to these problems is necessary. In this busy life, it is not possible for everyone to go out and look for service providers in order to solve the problem. This process is very time taking also as it involves physical work also. This app provides details of all the service providers which are required in daily life like carpenters, plumbers, barbers, electricians, pest control, etc. This app is beneficial for both the persons requiring service as well as the service providers.
7	An Online System for Home Services	Gunjal Trupti et al.		Gunjal Trupti et al. contribute Keeping that in sense our proposed system is basically a marketplace for household services and it is the platform where the rates were standardized and there is no necessitate haggling over prices. Several aspects like painting, pest control, home cleaning, plumbing, electrical works and carpentry services are involved in a system to provide happy and healthy home atmosphere in order to satisfy consumers We aim to help in providing optimal solutions to all your household troubles with more efficiency, ease and majorly, a delicate touch. Customers' overall willingness to pay is significantly and positively correlated with the expectation that fee-based services would be better, and with the belief that "pay for what you get" is the right thing to do.
8	"MAZDOOR"- Online Application for Household Services	N. M. Indravasan et al.		N. M. Indravasan in his study observed that people are very much in their heavy work culture. In the busy schedule if any unexpected household task pops up. That distracts them from their work. E-Commerce plays primary role in solving this issue. Creating a platform that can provide number of services in one click. For verifying the customers on platform authors went with email verification.
9	Home delivery services: innovations and emerging needs	K. Aravindhan et al.		K. Aravindhan and team proposed an online home services system. Feature which makes this system different from other system is "chatbot" which helps the users to clarify the queries posted. The purpose was to obtain the service providers detailed information which helps customer to get their services fulfil instantly. Neale.

III. PROBLEM STATEMENT

From March 2020, abundant of the planet went into imprisonment, forcing several businesses to quickly stop working. Countries square measure bit by bit quiet restrictions, however the long run remains unsure. Even businesses that square measure reopening have restrictions implementing social distancing, the sporting of masks, and limits on what number customers will enter an area at just one occasion. therefore, by victimization this application the matter becomes solve. By victimization this app user will get daily use things or wordbook that he wishes from their look. If we wish to search out service supplier from our space like pipe fitter, carpenter, etc. really, it's harsh to try and do this method manually as a result of it might become terribly agitated to search out out service supplier (like lineman, painter etc.) Manual.

IV. OBJECTIVE:

- 1) Concentrate native service suppliers and search information at one place.
- 2) Increase the business of native service suppliers and search.
- 3) Maintain social distancing.
- 4) Buy a product from home.
- 5) Reduction in heap of affords to go looking out service provider.
- 6) The system provides faster results of looking.
- 7) The system need to be faster and fewer advanced.

V. MODULES

1) Shopping Module:

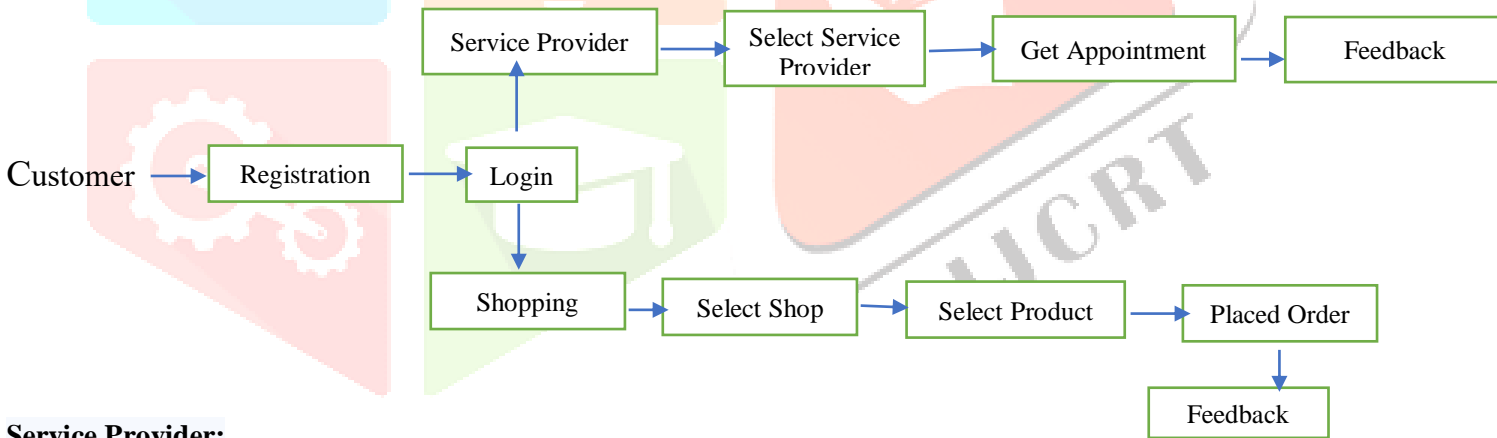
User will see list of look and user will choose a store that he wishes and choose a product and obtain a product. tradesman will add a product and products details like worth and conjointly delivery of product.

2) Service Module:

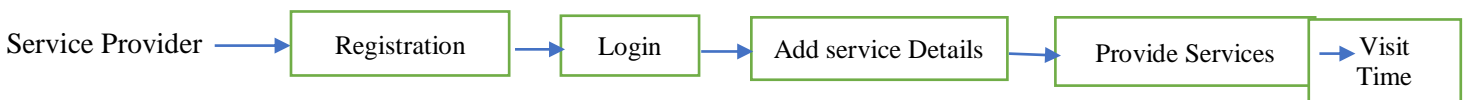
User will see an inventory of service supplier and user will get appointment of service supplier. Service supplier will get request of client and services supplier will provide visiting time and visiting time to client.

VI. SYSTEM ARCHITECTURE

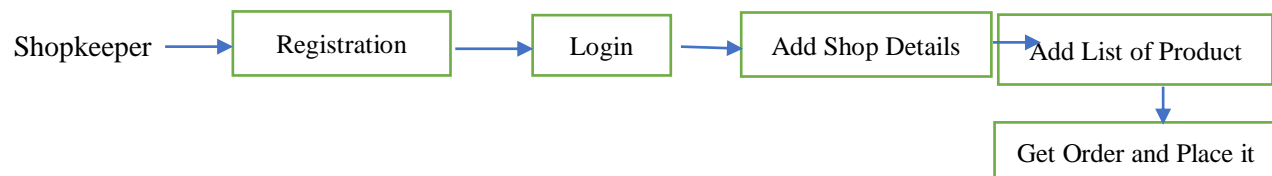
Customer:



Service Provider:



Shopkeeper:



VII. CONCLUSION

The application is simple to use. Committal to writing is completed in standard format because of that future changes may be done simply. This application minimizes the efforts {of customers of consumers of lookpers} for getting things from shop and conjointly defend itself from covid nineteen by maintaining social distancing. Minimizing the efforts for locating the service supplier. Future modifications will simply be done. It keeps the track of all the expenditures in deep trouble the {particular} service during a particular month.

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