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## **Plant Based Shopping App- Using Nursery Chain**

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### **ABSTRACT—**

In today's Era Internet is now become a part of day to day activity for people and organization, So there is lot of platforms are there in which a user can easily do whatever they want but there are still lack of number in some kind of field. In this app we try to initiate a small step for the shopping of plant using Our App which named as "Plant Shopping APP Using Nursery Chain" over the Internet. It provides a good user Experience for Placing an Order for a plant.

**Keywords—**Shopping, Plant, App

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### **I. INTRODUCTION**

Making an Application seems necessary nowadays, due to exponentially increasing number of usage of the internet and all other technologies; Some same platforms like Flowerete and LiveNursery [1] are doing the same work but there lack of something that they are not using nurseries for the delivery of the product to the customer they are using their own warehouses where they store their uh products where they direct deliver product to the customer but, Here we taking good initiative in respect of the nurseries that we deliver the product using the nearby nurseries so that there is a profit off nurseries as well.

We take Feedback to make the experience of the user more customized & user-centric.

Through this we are giving a very simple interface to the user that it is so easy to use and not so much complicated, Here where we created this app by kept in mind as customer centric or we can say it is more profitable for Nurseries as well.

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### **II. INITIAL ANALYSIS**

For this research, we are considering a few networking platforms, one for each module, like Facebook for community building and post sharing, Quora for Question and Answer, Freelancer for hiring and Medium for article sharing, as each of these four modules promotes networking very well.

Floweret is leading online plant shopping app, Shop anytime, anywhere from a vast range of products including plants, seeds, pots & much more at the best prices. Enjoy hassle-free online plant shopping and home delivery at just a click of a button. [2]. It allows user to deliver the Plant just on a single click [3] and platforms like Live Nursery is an online platform for buying plants, seeds, and gardening products. We are Delivering across PAN India (18000+ Pincodes). Shop anytime, anywhere from a range of 5000+ products at affordable prices.

Here Live Nursery is trying to reach in every places with 18000+ pincodes where they can but, if we are using the nearby nurseries so that it is more easy to deliver plants at more places at anytime or we can say at anywhere.

Peer-to-peer interaction between consumer and buyer must be take place because it will tell about your service that how you are efficient at your service [5]. Near By stores are the best solutions for the delay delivery or damage of the product because as we all know that how it is difficult to manage a warehouse.[7]. Web-based networking communities have shown an exponentially increasing trend and show promising data for the same in near future [8]. With situations like COVID-19, all the such kind of small businesses are not earning their living with this reach we try to upward their Earning [9].

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### **III. LITERATURE REVIEW**

In the search for our idea existing platforms which deliver similar services that we are proposing, we found some good features and some shortcomings in all of them, and we are including only the ones which according to our study are the most relevant.

#### A. Live Nursery

Live Nursery is an online platform for buying plants, seeds, and gardening products. We are Delivering across PAN India (18000+ Pin codes). Shop anytime, anywhere from a range of 5000+ products at affordable prices.[3]

#### B. Floweret

Floweret is leading online plant shopping app, Shop anytime, anywhere from a vast range of products including plants, seeds, pots & much more at the best prices. Enjoy hassle-free online plant shopping and home delivery at just a click of a button. [2].

#### C. Amazon

Plants: Buy the latest Plants at Amazon.in. Choose from a wide range of Plants at amazing prices, brands, offers. [2].

#### D. myBageecha

myBageecha is a platform for Urban India to stay close to nature. Every city turning into a concrete jungle now, myBageecha offers unique solutions for every person with beautiful plants, pots & decorative knick-knacks to create your green patch. We strive to be the perfect Urban solution with our unique products developed keeping you in mind.

### PROPOSED SOLUTION

To solve the pro's and con's which is stated above, we aspire to develop an application which is more efficient and effective platform, As many people are limited to just only some applications or we can say platform so by looking out all the problems which is mentioned here we tried to work on it with the consumer centric thought in our mind we created this Application.

### PROPOSED SYSTEM

We propose all the necessary features which is suitable for the admins and customers which includes all important functions for the hosts(Admin) and for the buyers The features are as follows:

#### A. Question and Answer

Users can ask and answer questions also give us feedback as a way of sharing knowledge and improvement of app.

#### B. Tip

Whenever user place an order the plant they will get a pop notification as a tip for betterment of plants.

#### C. Adding Product

Admins(nurseries) can add product according to their preference.

#### D. Category

We have categorized the products for customer convenience .

#### E. Social Media

There is our social Media handles on which user can communicate and they will get notified on new changes made if any.

#### F. No Subscription

User need not to be pay any type of amount for fast delivery of Product.

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## IV. FEASIBILITY STUDY

We did a feasibility check of our platform in every necessary aspect as follows:

#### A. Operational Feasibility

Our product will primarily be designed to serve the features like order processing Taking feedback, Tips Box, Adding Product, etc . Every feature which is mentioned in the list uses existing technologies to work and don't need any new technologies to be built. It is operationally feasible.

#### B. Economic Feasibility

We can measure Economic Feasibility in to three ways for this project i.e., hardware, software and technology. If we're talking about hardware we both have our system to work on this application with satisfying all the minimum requirements for the application the minimum requirements is Android OS must be 5.0 lollipop or older version those systems are connected with the stable Internet connection the software is used behind that is Android studio which is free to use, and for the database we have used fire base Google firebase it is also free to use.

#### C. Project's Market Place

The project will be designed to act as a mediator between the seller and buyer.

The target audience for this is those who don't want go store to store just to find a single plant.

According to Us the majority of the target will be those who wants plant's at their doorstep but they don't want to go to store like corporate workers, students etc.

#### D. Legality and Ethics

The Application is planned to serve Registered users only, and it will not promote any illegal activities like computer-related frauds, cyber defamation, cyber harassment, child predation, identity theft, extortion, travel scam, stock market manipulation etc.

Everything planned for this project will be ethical, as it will only be designed to promote educational exposure, knowledge sharing, and open discussions & debate.

We will also try to make sure that any user found doing any illegal or unethical activities, will be banned from the platform. For the following we have defined some punishable actions for the users, as follows:

#### DON'Ts for People (Guidelines):

- Attack other Customers in terms of feedback.
- Use profanity.
- Use language that is libellous, defamatory, obscene, threatening, offensive, demeaning, derogatory, disparaging, or abusive, or post links to content that contains any of this language.
- Make off-topic remarks.
- Make Fake payments.
- Take delivery if product is damaged.
- Take Free delivery if the product deliver late.
- Give wrong Address.

#### E. Risk List

There can be some risks while working on this project like unavailability of data to work upon, as it will be a prototype so we have planned to initially work on medical data, to ensure the working of the project. Not matching deadline, but to deal with this, we have designed our work plan such that, we will have a time buffer of around 1 to 2 months. Maintenance of Server, as we will be using a free version of the ExpressJS server to run our project, it will only allow a certain number of entries, so we will make sure, we do not cross that limit, as we have to pay for service otherwise. And finally, not getting a good number of initial users, as it'll be a networking platform, it can only run if users run it, so to make sure we get a good number of users at the start, we will ask our friends and family to register and try to make some contribution to the platform.

#### F. Novelty

In the Application we are proposing, we aim to offer our users a consumer centric experience, which means that the users' must take delivery of product which is suitable to their preference. We have used a very simple UI (User Interface) so that customer must not to tackle any kind of difficulty in ordering the product. Let's take an example here that a plant called insulin most of the time it is not available on the all the stores so that with the help of our app we try to provide this plant at your doorstep by using the nearby nurseries or the contacting nursery those who have this plant. With the using all the nurseries nearby nurseries we tried to cut out your time which is taking in your delivery it also aims to delivery of the fresh flowers at your doorstep. A user can order a plan not a plant actually in fact they can order as much as they can even user can order at their places.

#### G. Limitations

Initially, our product will be having a few limitations, likewe don't have search bar in our application and We don't have Customer Overview section also till now we don't have online transactions But we are trying to overcome these limitation some of these limitation we are working on it and some are Resolved. In future we assure that we Resolve all these Limitation. Consumer don't have to tackle any kind of problem in the Application.

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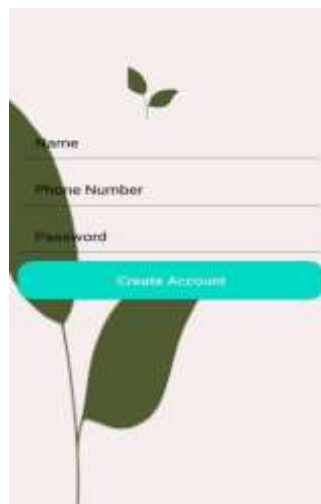
## V. PROJECT OVERVIEW

As we have created Consumer Centric Application here it is the overview of the application as the

Login Activity:- Login activity is activity where a user open application then he will get page where you get two options like "Already have an account? Login" and "Join Now".



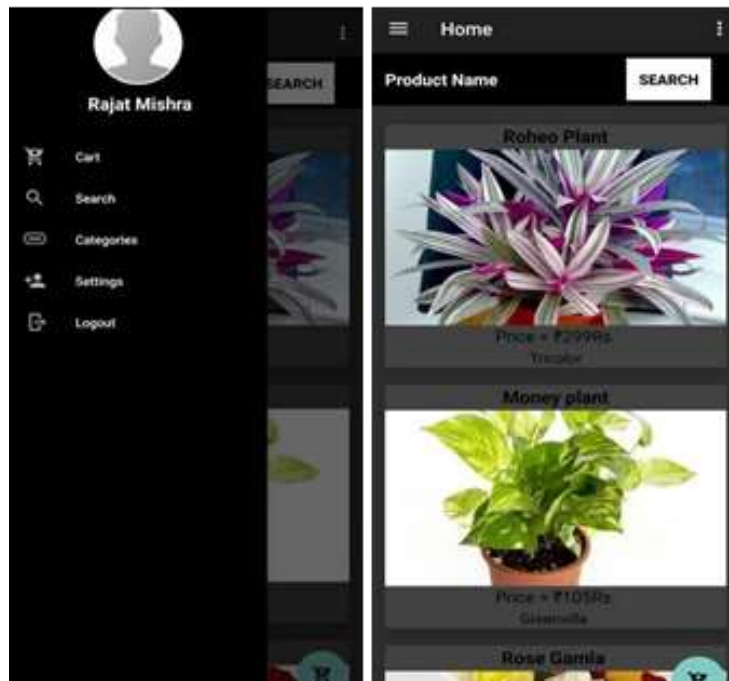
Join:- After Clicking on the join user will get new page where they have to create account which contains "Name", "Phone number", "Password".



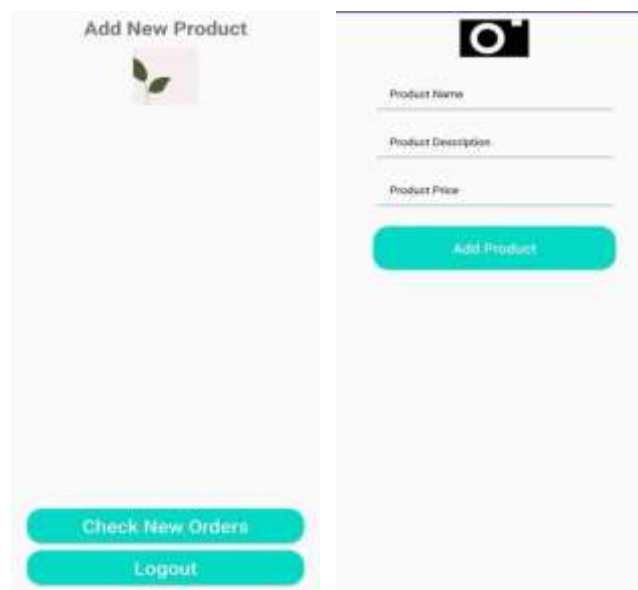
Login:- After creating an account you will get a page where you have to log in with user's username password



User Home Page:-Where User get categorized products, search bar, cart, list of plants, etc.



Login as an admin:- We provide id and Password to the admin where he get his customized console where they can add products, Check new orders, Verify orders and Confirmed orders, etc.



## VI. CONCLUSION

Finally, we can conclude that there is a need for an Application like we try to create , where the user can have an open platform for plant shopping online, but as a consumer centric application we try to provide the good services to the customer and simple UI to the user and not having any kind of difficulty in ordering the plant. As anybody can order the plants on a single click even after a single tutorial a child can also order plant it is that much simple.

With our main aim is to Reduce the time in the delivery of the product as usual delivery takes time maximum 7 days but from our Application we try to deliver ordered plant just in maximum 2 days because we check your nearby nursery, if the product is available there so we direct deliver plant at your doorstep.

## VII. FUTURE SCOPE

All the technologies Like AR(Augmented Reality), Customer Rating, Online transactions and Google Map etc. We fetch all these feature where from AR user can search the product by live by using the camera also we will merge the consumer rating system where Consumer is free to rate our plants on the

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terms of Our Service and nurseries products with all that currently we are using COD mode of payment but in future we are merging the all the payment modes like:- Debit cards, Credit cards , digital wallets, UPI. Also in future we will ready with the fetching the location of the user, User need not to give his Full Address. We will also provide real time tracking package to the customer by the unique ID