

Agricultural Information Providing Smart Phone Application: Friends For Farmers App

Project Proposal

by

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Introduction

- ❖ Real benefits of E-commerce have not reached to the villagers especially to the farmers community.
- ❖ Exchanges for various commodities have been offered through digital platforms for meeting the needs. Friends for Farmer is a free mobile app which acts as an online market for crop market. It is a one-stop marketplace that is open to all buy or sell crops across India.
- ❖ Proposed project will help the farmers to sell their product and the customers to buy those products online with the help of our appss.



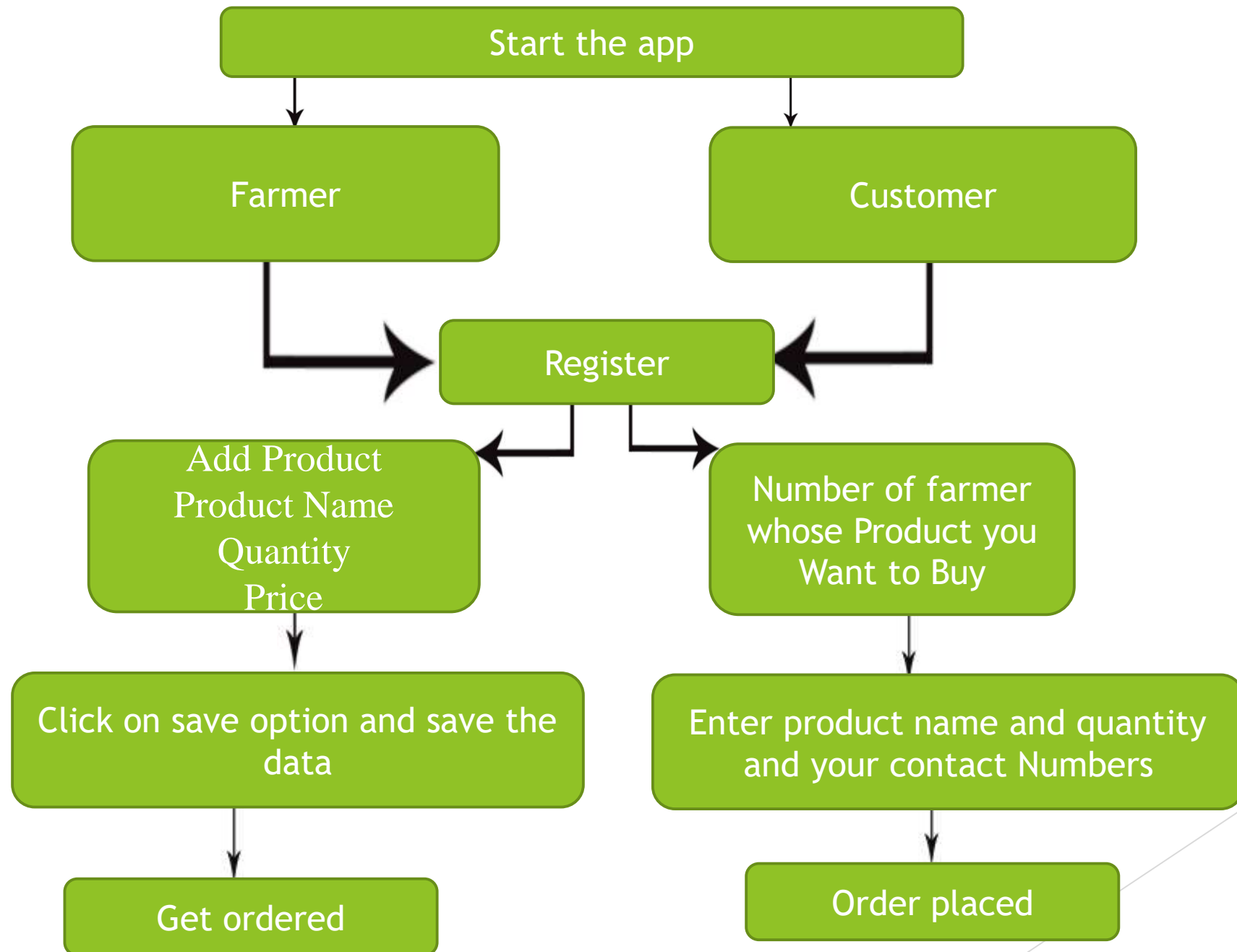
Problem Definition

- ❖ e-Marketing platforms will reduce the role of middlemen who are hindering the trading sector in the agriculture. This e-Marketing app is free of cost and can be accessed from anywhere and made available to farmers.
- ❖ While trading farm produces, this is an Online Marketplace that comes into action which allows users to buy and sell crops.
- ❖ Farmers can post their products and attract more buyers which will save precious time and money. They can get better profits than normal. According to the market prices, the product entries can be removed or re-activated by the users. As the app reduce middleman buyers and sellers can privately chat to negotiate prices safely.

Objectives

- ❖ Friends For Farmers is a free mobile application which is targeted for agriculture practitioners, which provides a platform where app connects and brings together the farming community and helps them in selling, buying and exchanging agriculture commodities and services locally without middlemen through an Add/listing which they can post right from their mobile.
- ❖ This app enables the seller or buyer can chat with each other and the details can be shared by messaging and then discuss the deal on phone contact.
- ❖ This is a user-friendly app where the farmer can post anything related to his products in one minute. Just enter the details of the product, click Submit and instantly farmer's product will be displayed.

App Working- Flow Chart



Watch a Demo
in the Following Slides

When you initiate the app, the first thing you encounter are two buttons: Farmer and Customer. Click on the Farmer button.



Then, enter your details such as name, password and phone number and click on register button.

A screenshot of a mobile application's registration screen. The background is a close-up of a blue rose with water droplets. At the top, the status bar shows the time 16:32, data speed 0.1KB/s, and battery level 65%. The form has three input fields: 'Name' with 'Aditi Bane', 'Password' with '123@ad', and 'Your Phone No.' with '9594476455'. The 'Phone No.' field is highlighted with an orange border. To the right of the fields are 'Login' and 'Register' buttons. Below the fields is a blue 'Back' button. At the bottom is a numeric and symbol keyboard. The Android navigation bar is at the very bottom.

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Name Aditi Bane Login

Password 123@ad Register

Your Phone No. 9594476455

Back

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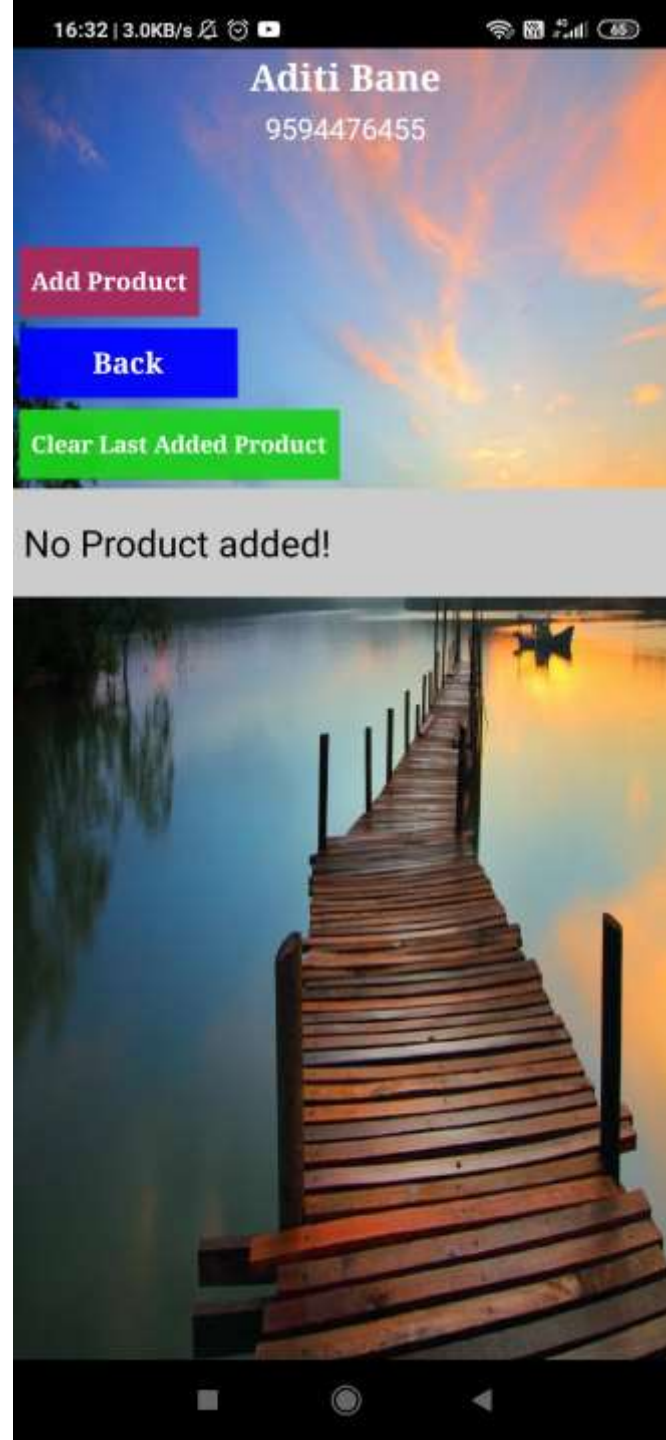
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It will take a few seconds to load
your data.



Here as you can see, no products have been added. Now let's click on the 'Add Product' button to add new products for the farmer.



Now, you have to enter your product details such as product name, quantity, price and other information. Then click on save.

16:33 | 0.0KB/s

Additi Bane

Product Name :- Wheat

Quantity :- 500kg

Price :- 100/kg

Other information :- Good quality

Save Reset & Add

Back

After adding your product details, you can click back and see whether your product is displayed in your profile.



Now, click on the
customer button.



You will be able to view all the products details and the farmer's name and contact details. After entering the contact number of the farmer, click on next.

The screenshot shows a mobile application interface. At the top, the status bar displays the time 16:33, data speed 0.0KB/s, and battery level 65%. The main heading is "Number of farmer whose product you want to buy". Below this is a text input field containing the number "9594476455". There are two buttons: a blue "Back" button and a red "Next" button. Below the buttons, a grey box displays the following information: "[Aditi Bane - 9594476455", "Wheat", "Quantity :- 500kg", "Price :- 100/kg", and "Good quality". Below the grey box is a photograph of a blue flower. At the bottom, there is a numeric keypad with digits 1-0, a row of symbols including @, #, ₹, &, -, (,), =, and %, and a row of symbols including (&=, ", *, ', :, /, !, ?, +, and a delete icon. The bottom row of the keypad includes "abc", a comma, a space bar, and a red back arrow. The bottom of the screen shows the standard Android navigation bar.

16:33 | 0.0KB/s | 65%

Number of farmer whose product you want to buy

9594476455

Back

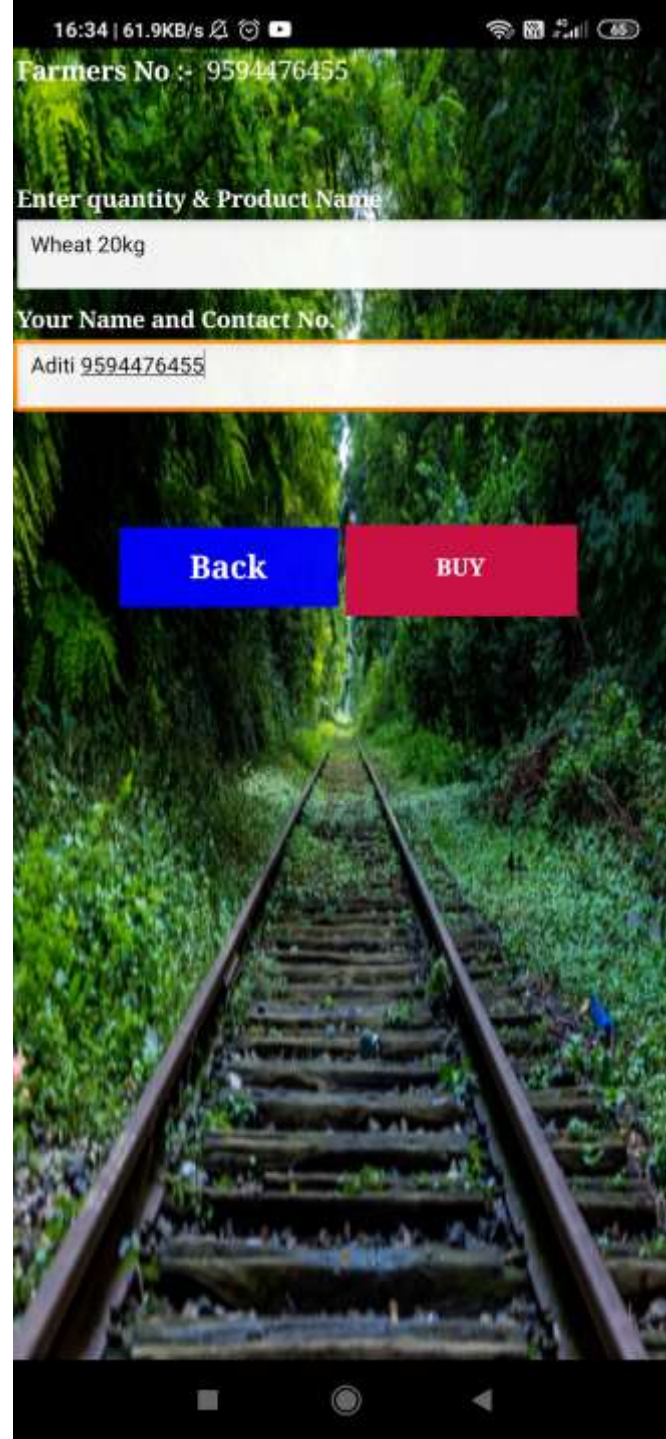
Next

[Aditi Bane - 9594476455
Wheat
Quantity :- 500kg
Price :- 100/kg
Good quality

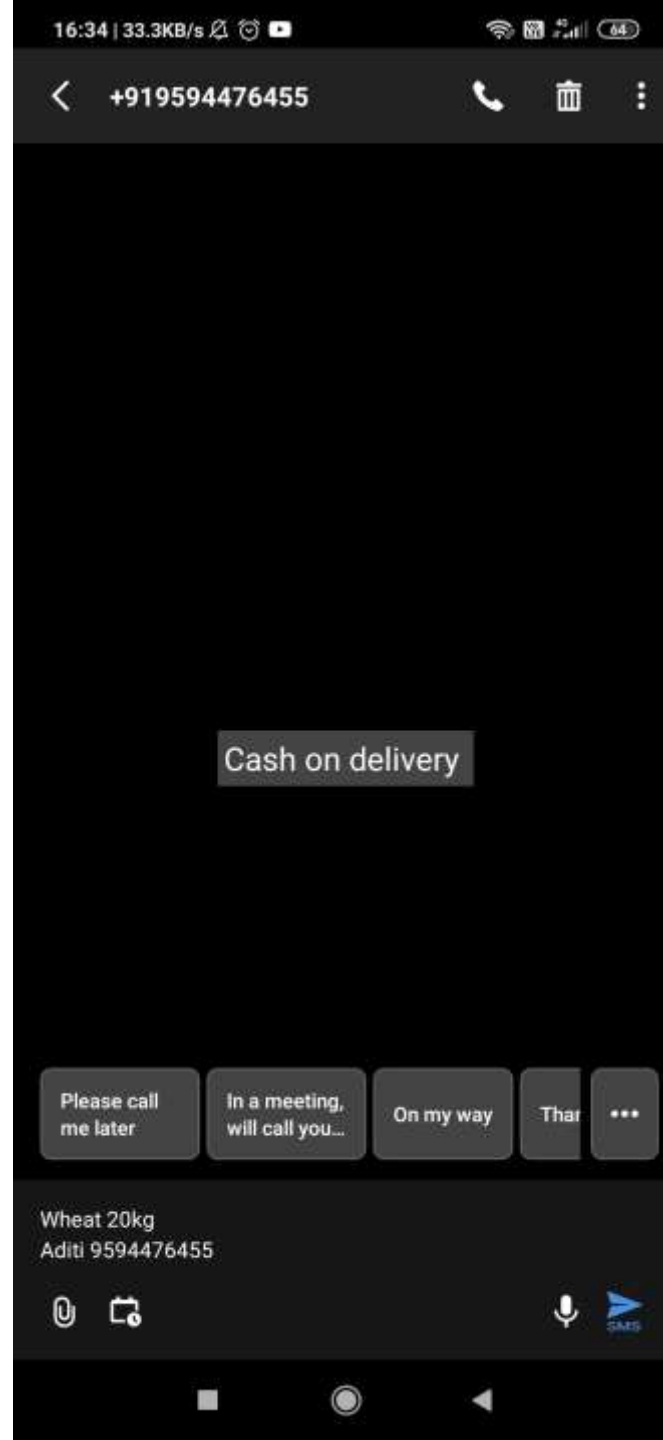
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Now, enter the quantity and product name that you want to purchase. After that enter your name and contact number. Click on buy to proceed further.

The image shows a mobile application interface for purchasing wheat. The background is a photograph of a railway track stretching into the distance through a lush green forest. At the top, the status bar shows the time as 16:34, data usage as 61.9KB/s, and battery level at 65%. Below the status bar, the text "Farmers No :- 9594476455" is displayed. The main form area has a title "Enter quantity & Product Name" and a text input field containing "Wheat 20kg". Below this is another section titled "Your Name and Contact No." with a text input field containing "Aditi 9594476455". At the bottom of the form, there are two buttons: a blue "Back" button and a red "BUY" button. The bottom of the screen shows the standard Android navigation bar with back, home, and recent apps icons.

Then, you will be redirected to inbox with a message to the farmer's contact number where you can see your purchase details.



Link for the project:

<https://github.com/aditibane/Friends-for-Farmers-App>

Link for the demo video:

https://drive.google.com/drive/folders/1ZHtBPPKnwyfZ__1aNfiDIpSKrtSmrqgL?usp=sharing

THANK YOU

