

Farming Stock Trading Application Using Django

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Abstract-

Farmer Trade Application Is A Web Application For Developed For Farmers, Sellers And Retailers.This Application Gives Support To Village Farmers Who Want To Use This Facility And Who Want To Learn And How It Is Possible And How They Can Use E-Farming To Sell Their Products.

1.1INTRODUCTION

Farmer Trade Application Is A Web Application For Developed For Farmers, Sellers And Retailers.This Application Gives Support To Village Farmers Who Want To Use This Facility And Who Want To Learn And How It Is Possible And How They Can Use E-Farming To Sell Their Products . If Farmer The Farmers Have

Knowledge Of Computer Then They Can Directly Register In The Site And See Their Products Otherwise ,They Can Contact Company's Computer Professional Who Will Schedule Classes To Teach Them Basic Computer Knowledge And Internet .They Can Know How They Can Open This Site Register With It, And Sell Products Online Etc.

Former Trader Application Is A Project Developed To Build A Website ,Which Will Help Farmers From To Sell Their Products To Different Cities Through Online.Farmer Can Use This Facility And Learn How It Is Possible And How They Can Use E-Farming To Sell Their Product Etc.

1.1 Objectives Of Projects:

The Main Objective Of This Project Is Build Application ,Which Will Help Farmers From Indian Village To Sell Their Products To Different Cities.

Here If Suppose Some Village Farmer Want To Use This Facility And Want To Learn How Is It Possible And How They Can Use E-Farming To Sell Their Products,If They Have Knowledge If Mobile Then They Can Directly Register In The Application And Sell Their Products.

Farmer Will Get Unique Interface Where They Can Avail Everything Right From Learning To The Market Information ,They Can Perform Marketing ,Get The Current Rates Of Market ,Can Gather The Knowledge Of

Different Schemes. This Application Will Act As Unique And Secure Way To Perform Agro-Marketing.

Former Trader Application Is A Project Developed To Build A Website ,Which Will Help Farmers From To Sell Their Products To Different Cities Through Online. Farmer Can Use This Facility And Learn How It Is Possible And How They Can Use E-Farming To Sell Their Product Etc.

1.2 Module And Their Description

The System Comprises Of 3 Major Module With Their Sub-Module As Follows :

1. Women Section:

- a. Registration: Women Section /Seller Need To Register With Basic Registration Details And Create Their Login Credentials.
- b. Login: Seller Need To Login With Valid Credentials.
- c. Add/Update /Delete Product : Seller Adds New Products That Are Handcrafted Or Eatable Products With Their Details.
- d. Products: Can View The Entire Added Products List By The Seller Itself.
- e. Orders: Can Update The Status If The Retailer Has Selected For Delivery Mode.
- f. Payment : Can See List Of The Payments With The Total Amount Received.

- g. Notification : A Seller Will Receive A Notification On Android Phone Once The Customer Place The Order.

2. Farmer:

Registration: Every New Farmer Needs To Register With Basic Registration Details And Need To Create A Valid Login Id And Password.

- a. Login: Farmer Need To Login Using Valid Login Credentials.
- b. Add/ Update/Delete Products: A Farmer Can Add Products Such As Fruits ,Vegetable And Frains With Its Details.
- c. Products: Can View The Entire Added Products List By The Seller Itself.
- d. Orders: Can Update The Status If The Retailers Has Selected For Delivery Mode .
- e. Payments: Can See List Of Payments With The Total Amount.
- f. Notification: Farmer Will Receive A Notification On Android Phone Once The Customer Places The Order.

3. Retailer:

- a. Registration: Retailer Person Need To Their Personal Details And Create A Login Id And Password.

- b. Login: After Successful Registration Retailer Can Login Using Their Credentials.
- c. Home: List Of All The Product Types If He/She Click On Any Goes To Product Listing.
- d. Products Listing : List Of All The Products Based On Their Types Where The Favorites Farmer Marked Items Will Be Shown First Add Then The Rest Can Be Filtered By Name & Price Also.The Products Listing Will Also Show The Distance From My Place And The Farmer.
- e. Cart : When The Retailer Proceeds,With Buying The Products He Ccan Select Whether He Wants Them Delivered Or He Will Pick It From The Seller.
- f. Order: All Current Orders Which Are Placed By The Users,It From The Seller.
- g. Review : Can Give A Rating Once He Has Purchased Any Product, Also Mark Any Farmer As Favorite Or Remove As Favorite.
- h. Notification : Once The Order Status Is Changed, Retailer Will Receive A Notification On Android Phone.

Helpline:

The Module Consists Of Website And Contact Number Related To The Farming Queries And Development.

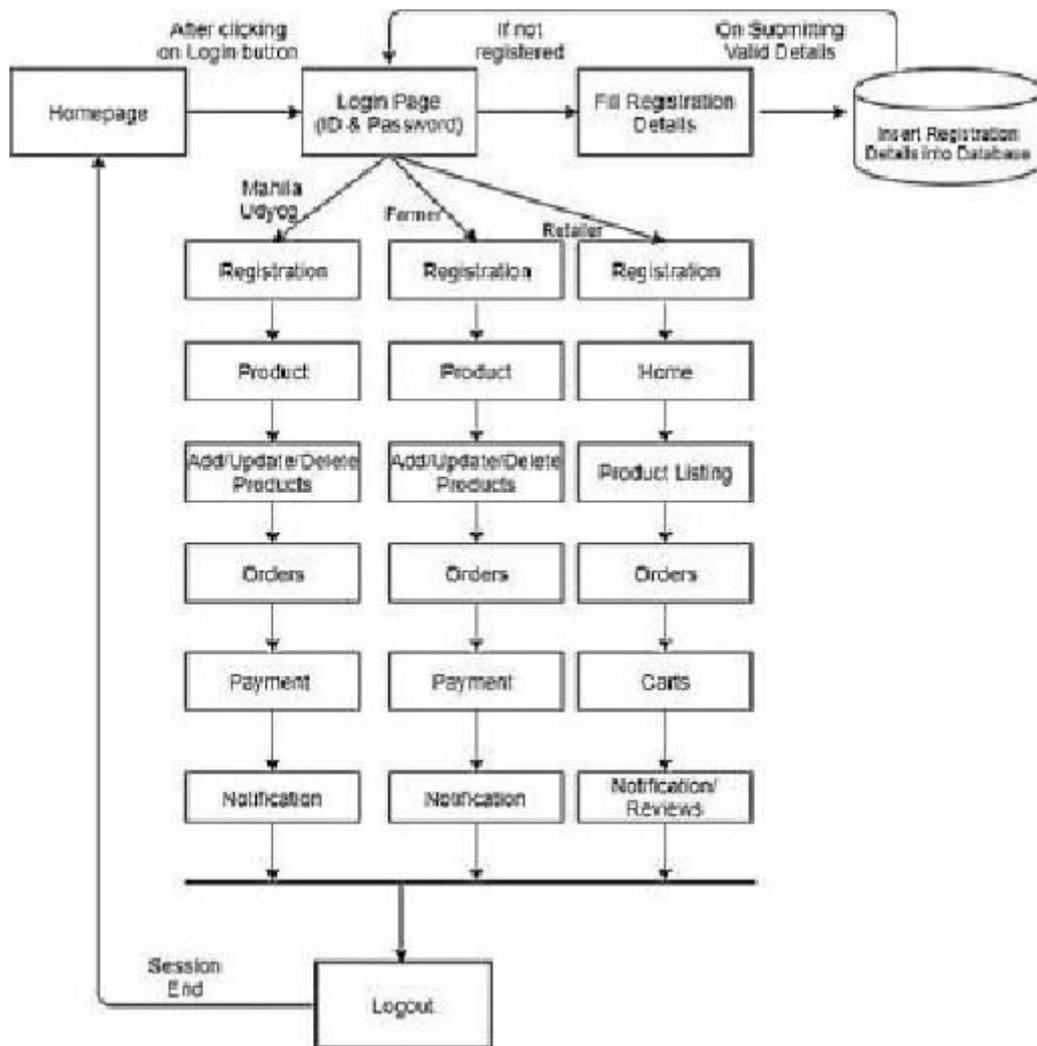
2.0 Problem With Current Scenario

There Is No Computerized System For The Farmer To Sell Their Product. Currently The Farmer Goes To Nearest Market Handover His Product To A Particular Agent , Agent Ask The

Farmer To Visit The Market After A Specific Time To Collect The Cash Earned Out Of The Sod Product. Agent Sells The Product To Another Agent Or A Dealer At The Cost Of That Market. Every Agent Tries To Cuts His Commission Out Of That. There No Way Farmer To Know About The Deal And The Exact Amount At Which Their Product Was Sold. There Is No Transparency. No' Facility Is Present For The Farmers To Know The Product Rates At Different Markets Where They Can Sell Their Product For Achieving High Profit. Many Times, Farmers Are Not Even Aware Of The Scheme And Compensation Provided By Government.In Spite Of All The Opportunities Banging The Doors,The Farmer Are Not Able To Benefit Out Of Those. Current System Does Not Provide The Way Of E-Learning For Farmer That Will Provide The Knowledge Of New Techniques In Far-Ming. Therefore, He Does Not Get The Maximum Profit Through Current System.

- Fanner Who Grow Crops Need To Sell It By Visiting A Marketplace Where They Could Find Buyers For Their Crop.
- Sometimes, Grains May Not Get The Expected Price And May Need To On A Lower Price Margin.
- People Or Buyer May Find Tough To Get Required Grain In Market.
- Farmer Need To Physically With Their Grains Which May Cost For Travelling And Need To Find A Place In The Market To Sell.

3.0 System Architecture



4.0 ADVANTAGES OF PROJECT

- This Application Converts Whole Offline Manual System To Online.
- Seller (Woman Section) Or Farmer Can Sell Products Online With Easy.
- Farmer /Seller Will Get All The Exact Price From The Buyer, Which Leads To Good Profit.
- Retailer Will Get All The Products At One Place And Can Purchase A Product Of Their Choice.
- This System Reduces The Search Time To A Great Extent.
- The System Allow Placing Order For More Than One Item
- Language Isn't Barrier As This Application Support Multi Language.
- Emergency Helpline Where All 3 Entities Could Find Details Such As Contact Numbers To The Farming Queries And Development.

5.0 CONCLUSION

This Project Will Be Helpful For Farmers To Know More About Market Information, Bill Act As Unique Interface Of Schemes And Compensation. Through This, They Will Be Always In Touch Of New Technique And Trends Of Farming, But Some Extends, New User May Feel Some Kind Of Stress Its Use. Overall, This System Is Faster, Secure And Comfortable.

This Was Our Project Of System Design About 'Farmer Trader Web Application Based On Python Language. The Development Of This System Takes A Lot Of Efforts From Us We Think This System Gave A Lot Of Satisfaction To All Of Us. Though Every Task Is Never Said To Be Perfect In This Development Field Even More Improvement May Be Possible In This Application. We Learned So Many Things And Gained Lot Of Knowledge About Development Field. We Hope This Will Prove Fruitful To Us.

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