Veer Narmad South Gujarat University, Surat.

M.Sc. (Information Technology) Programme

Project Report

6th Semester

M.Sc. (Information Technology) 5 Years Integrated Course

Year 2019 - 2020

E Farming

Guided By: Submitted By:

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Kishan A.Vala (105)

MaheshPalSingh K. Jadon (31)

Node2Begin

F-22 Agreseen Shopping Point, Besides Agraseen Bhavan Citylight, Surat



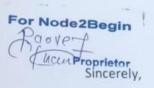
Date: 14th August 2020

Certificate

This is to certify that Jadon MaheshPalSingh KishanPalSingh, Nair Nandakrishnan Unnikrishnan and Vala Kishan Arjanbhai, carried out their internship at Node2Begin, Surat during time period 1st April 2020 to 30th June 2020, as a partial fulfilment of BSCIT, from Veer Narmad South Gujarat University, Surat during the academic year 2019-20. They worked on project titled as "E-Farming" during this period.

Their understanding of the application and technical knowledge for the tools used were very good during the project work. We found them sincere and hardworking. The work done by them was excellent.

We wish them all the best in their future endeavours and hope that they will have a very successful career.



Parvez Khan



F-22, Agraseen Shopping Point, Besides Agraseen Bhavan, Citylight, Surat

Veer Narmad South Gujarat University, Surat.

Department of Information and Communication

Technology

M.Sc. (I.T.) Programme

Certificate

This is to certify that Mr./Miss. Nair Nandakrishnan Unnikrishnan Exam Seat Number: 57

and have satisfactorily completed his/her project work entitled E-Farming as a partial

fulfilment of the requirements for 6th Semester - B.Sc. (Information Technology)

during the academic Year 2019-2020.

Date: 8 Aug 2020

Place: Surat

Course Co-ordinator M.Sc. (I.T.) Programme. Veer Narmad South Gujarat

University, Surat

Node2Begin

Pocket Farm

We bring you closer than ever before...

MaheshPal Singh Jadon, Kishan Vala, Nandakrishnan Nair

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1. Introduction

- 1.1 Project Profile
- 1.2 Company Profile

1.1 Project profile

1.1.1 The Concept:

Pocket Farm is a live web based application with MySQLi database where Farmers can post an auction on their freshly harvested products that are ready for sale, where Customers can Bid for those products to buy the product of their choice at best price. It includes multiple search options, to make the product easily accessible to our customers & Farmers can post auctions easily with the friendly User interface.

You can find it on-

Project Title	Pocket Farm
Organization	Node2begin
Front End Tools	PHP,MVC,Javascript,Jquery &
	Ajax
Back End Tools	MySQLi
Other Tools	Task
	Scheduler, VBscript, HTML5, CSS3
	& BOOTSTRAP 4
Project Category	Web Based application
Project Associates	Three
Duration	Three Months
Internal Project Guide	Ms. Lissa John
External Project Guide	Mr. Parvez Khan
Submitted By	Kishan Vala , MaheshPalSingh
	Jadon, Nandakrishnan Nair
Submitted To	Department of ICT



1.2 Company Profile



Node2Begin

Node2Begin provides various assistance and support to all sort of business such as application and website development, digital marketing, creative logo designing etcetera all at one place. Node2Begin was established in July 2004 with an ambition of providing all the business related quick fix at a single place across the country and helping businesses and stakeholders to grow rapidly.

Our team proposes innovative and unique solutions to accomplish your business objectives to handover exactly what is required to accomplish your goals within the deadline and budget limitations. We operate with the latest technology and trends, which furnish unique yet practical solutions that promotes your company's personality, tailored to your target viewers and your principal values. Our crew which is highlyskilled and dedicated will empower you with the tools you need to achieve the desired result.



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2. Hardware and Software requirements

- 2.1 Hardware Configuration
- 2.2 Software Configuration
- 2.3 Server Configuration



2.1 <u>Hardware Configuration</u>:

Processor	: 2.40 GHz Intel(R) Core(TM) i5-6200U	
Hard Disc	: 1 TB	
RAM	: 4 GB	
CD Drive	: hp DVDRW GUD1N	
Key Board	: Standard PS/2 Keyboard	
Mouse	: Synaptics SMBus TouchPad	
Monitor	: Generic PnP Monitor	
Networking device	: Lan Card (Must be internet connection) or modem	

2.2 Software Configuration

- > XAMPP Server 3.2.4
- ➤ Google Chrome, Mozilla Firefox
- > Sublime Text 3

2.3 Server Configuration

- > Apache version:
 - Apache/2.4.37
- > PHP version:
 - PHP 7.2.14
- > MySQL Version:
- ➤ MySQL 5.7.24



3. Proposed System

- 3.1 Problem Statement
- 3.2 Purpose
- 3.3 Scope
- 3.4 Objective

3.1 Problem Statement

Problem Statement is on the basis of both our users- Farmers and Buyers.

Farmers

- ♣ Farmers don't get the Price for their crops worth the hardwork they put in.
- Buyers are under limited reach due to geographical conditions.

Buyers

- ♣ Buyers get the products at three to four times higher price.
- ♣ Buyers don't get farm fresh products, with minimal artificial processing.



3.2 Purpose

- **♣** To bring Farmers and Customers close.
- **♣** To let Farmers meet their price demands.
- ♣ To let customers have products at cheaper Prices .

3.3 Scope

+Admin

- Admin can manage the Categories.
- Admin can manage the Tags.
- Admin can view and manage their Profile (personal).
- Admin can view Users

∔Farmer

- > Farmer can view and manage their Profile
- Farmer can Register their Products
- Farmer can post an auction on registered products
- Farmer can edit the Auction details.
- Farmer can view Bids on their products
- Farmer can sell the products to the highest bidder
- Farmer can End the auction.
- Farmer can reset password.
- Farmer can also register as Customer.

<u>Buyer</u>

- Buyer can View products by Category, Tags, Farmer, etc
- Buyer can Search for products by Product name, Farmer, City.
- Buyer can post Bids on products that are being Auctioned.
- > Buyer can view Farmers profile.



- > Buyer can view and manage their Own profile.
- ➤ Buyer can Rate the Farmer
- Buyer can Reset Password.

3.4 Objective

- > To provide complete transparency between Farmer and Customer.
- > To make Farmer and customer reachable despite of geographical conditions.



4. System Analysis

- 4.1 Software Requirement Specification
- 4.2 ER-Diagram
- 4.3 Use Case Diagram
- 4.4 Data Flow Diagram
- 4.5 Data Dictionary
- 4.6 Process Specification
- 4.7 Database Design
- 4.8 Activity Diagram
- 4.9 Class Diagram
- 4.10Site Map Diagram



4.1 Software Requirement Specification

4.1.1 <u>Functional</u> <u>Requirement</u>

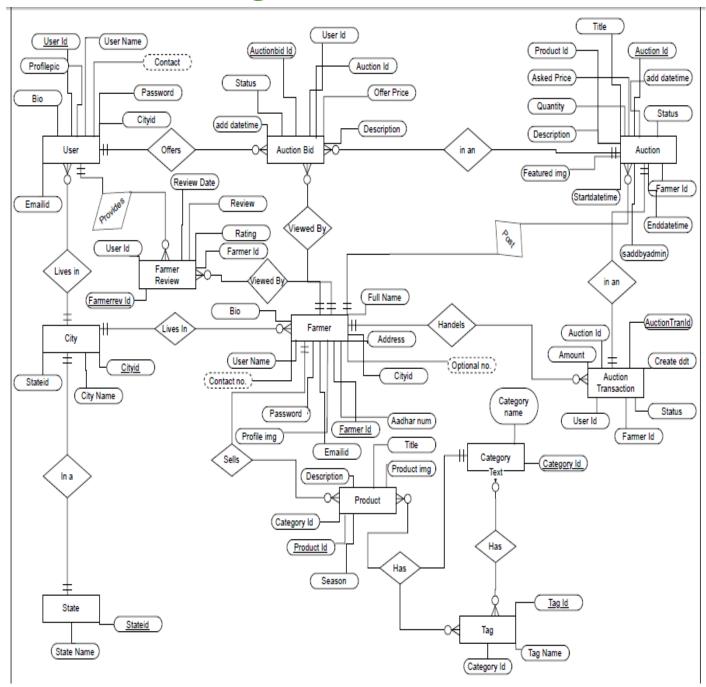
- ➤ Logins and Registrations
- View profiles
- View by Category, Product Name, Season.
- Search by keyword, farmer name, category, product name
- > Password recovery
- > Start and End Bid
- > Apply for the Bid
- Provide Review /add comments

4.1.2 Non Functional Requirements

- Transparency between buyer and seller
- > Easy to use User Interface
- > Recoverability
- > Response time



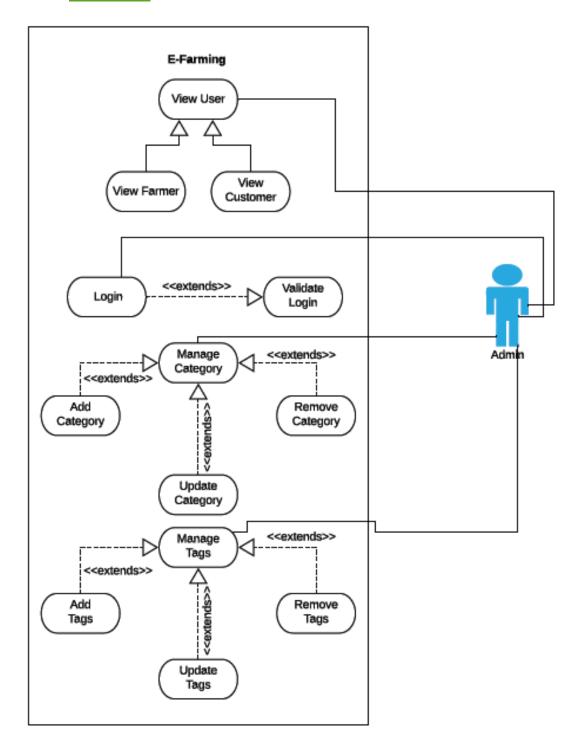
4.2 ER-Diagram





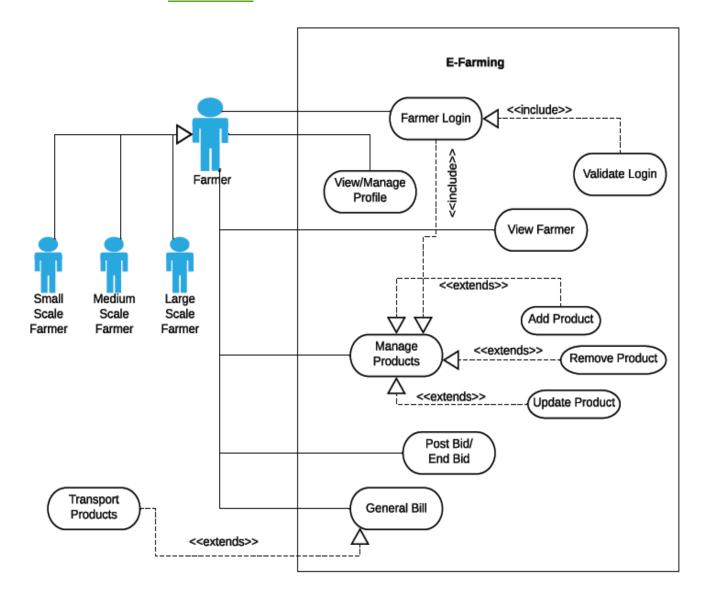
4.3 Use Case Diagram

4.3.1 Admin

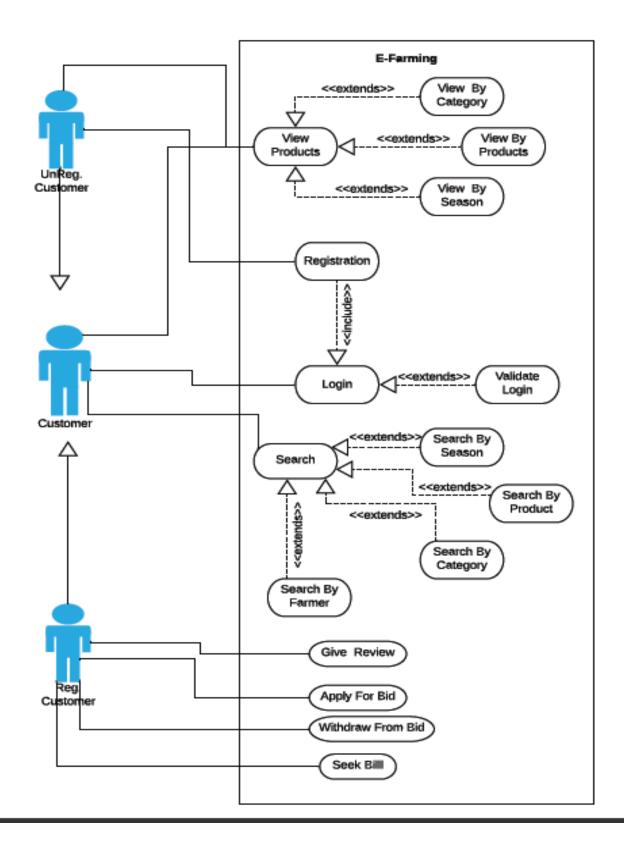




4.3.2 Farmer

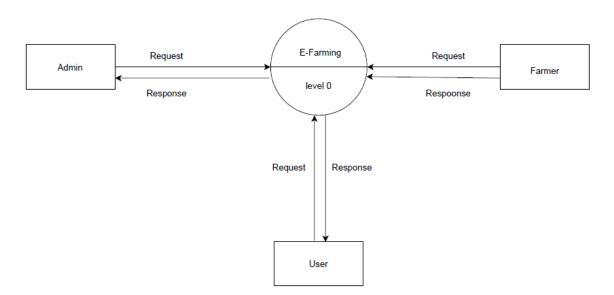


4.3.3 Customer

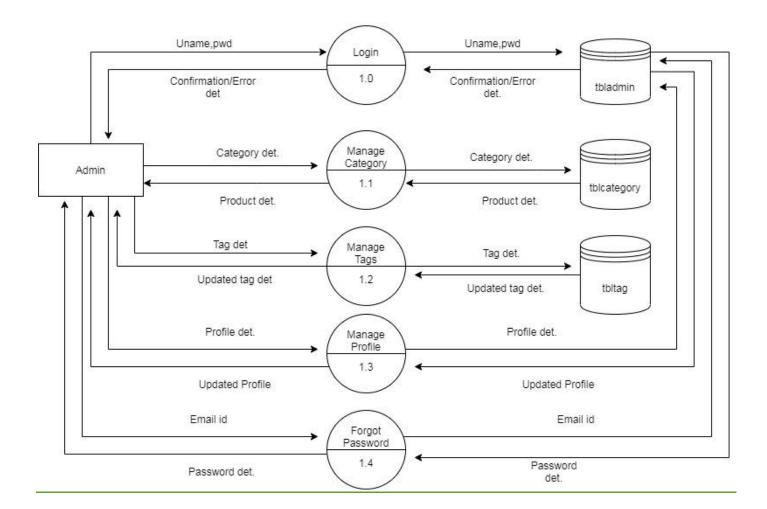


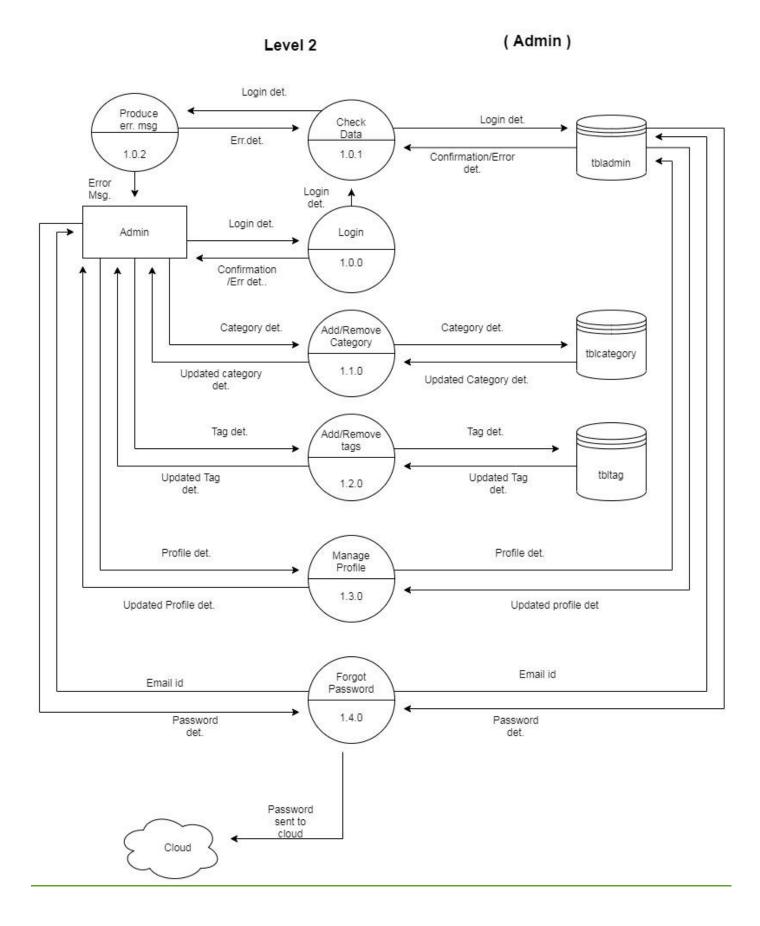
4.4 Data Flow Diagram

Level 0

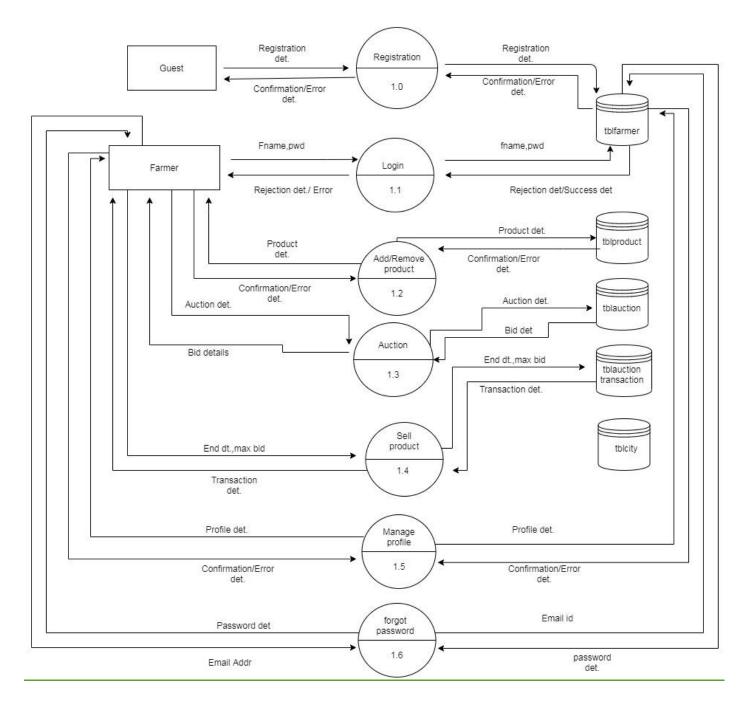


(Admin) Level 1

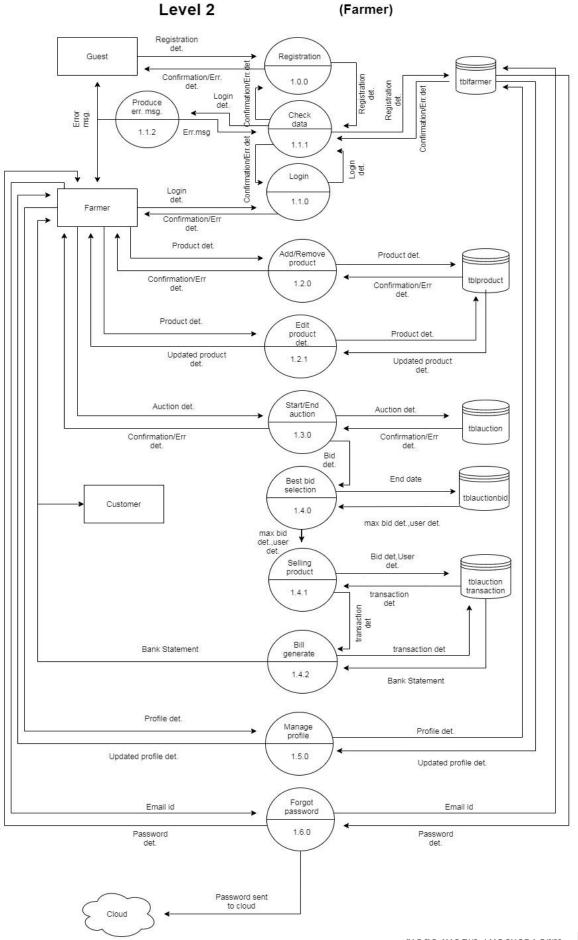




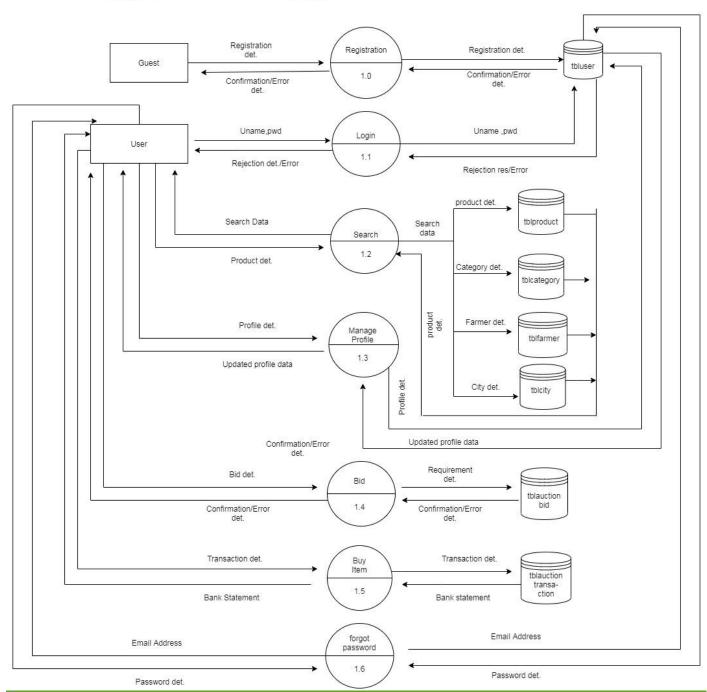
Level 1 (Farmer)

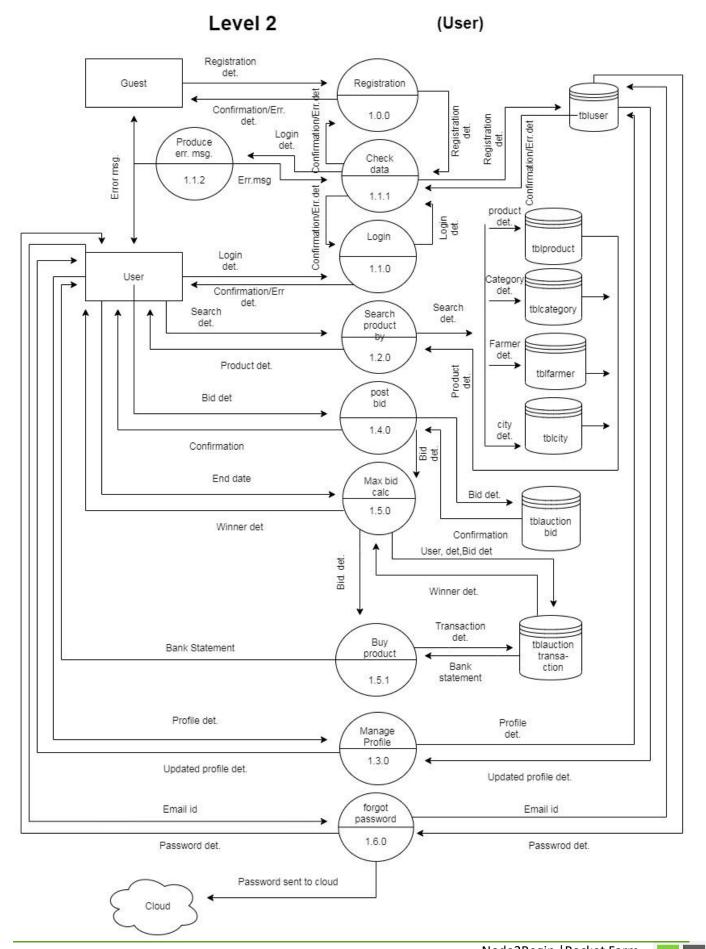






Level 1 (User)





4.5 Data Dictionary

Name	Uname
Description	Username of the logged in
	user
Alias	fname
When/Where Used	Input to login and
	registration

Name	pwd
Description	Password of the registered
	user
Alias	Password
When/Where Used	Input to login and
	registration

Name	Tag det.
Description	Tag details about the
	product
Alias	tag det.
When/Where Used	Input to and output from
	manage tags process

Name	Category det.
	Category details of the product



Alias	category det.
When/Where Used	Input to and output from
	manage category process

Name	Profile det.
Description	Profile details of the farmer ,customer, or admin
Alias	profile det.
When/Where Used	Input to and output from manage profile process

Name	Auction det.
Description	Auction details of the particular product
Alias	auction det.
When/Where Used	Input to and output from add or remove auction process

Name	End dt.
Description	End date of the auction
Alias	End date
When/Where Used	Input to and output from maximum bid calculation and winner declaration process



Name	Max bid
Description	Maximum bid for the particular auction
Alias	max bid
When/Where Used	Input to and output from winner declaration process Output from max bid generation process

Name	Transaction det.
Description	Transaction details of the auction like bidder details ,user details, bid details
Alias	transaction det.
When/Where Used	Input to and output from buy item and sell product process

Name	Transaction Statement
Description	Transaction / Bank statement about the
	purchase/sales price
Alias	Bank Statement
When/Where Used	Input to and output from
	buy item and sell product
	process



Name	Confirmation/ Err det.
Description	Confirmation message on success or failure message on error or warning in
	process
Alias	Confirmation/ Rejection det.
When/Where Used	Input to output from login and registration of farmer, customer and admin login

Name	Profile det.
Description	Profile details of the logged in user like name, username, profile image,etc
Alias	User det.
When/Where Used	Input to and output from manage profile process and output from winner declaration process

4.6 Process Specification

4.6.1 <u>Admin</u>

Process 1.0: Login

Description:

Admin can Login in with the registered Username and Password.

Input:

Username and Password of the admin.

Output:

- Confirmation message on success.
- **4** Failure message on passing invalid information.

Process 1.1: Manage Category

Description:

Admin can View, Add, Update or Delete product Categories.

Input:



Category details like category id, category name.

Output:

- ♣ Acknowledgement about the change on success
- Failure message on passing invalid information or missing some mandatory information.

Process 1.2: Manage Tags

Description:

Admin can View, Add ,Update or Delete Tags.

Input:

Tag details like tag id ,tag name.

Output:

Acknowledgement about the change on success or failure.

Process 1.3: Manage Profile

Description:



Admin can View & Update their Registered information including profile images.

Input:

New details to replace the old ones.

Output:

Updated information is displayed on successful update else Failure message displayed.

Process 1.4: Forgot Password

Description:

- **4** If admin forgets password then he can enter the registered email ID in forgot password option.
- **Admin** can get to know their password if email ID matches the registered email ID through email.

Input:

Admin's registered Email ID must be entered

Output:



Mail sent on registered Email id after successful Email ID verification which will give them the forgotten password.

4.6.2 Farmer

Process 1.0: Registration

Description:

Farmer can register themselves by entering required credentials to be able to sell their products.

Input:

Farmer related information like Name, Contact details, city etc.

Output:

Acknowledgement about the registration on success or failure.

Process 1.1: Login

Description:

Farmer can Login in with the Registered Username and Password.



Input:

Username and Password of the Farmer.

Output:

Confirmation message on success, and Failure message on invalid information.

Process 1.2: Add/Remove product

Description:

Farmer can post their freshly harvested products that are to be displayed on the site.

Input:

Product details like product name, season, price etc.

Output:

- Confirmation message on success.
- Failure message on entering invalid information or on missing some mandatory information.

Process 1.2.1: Edit Product details



Description:

Farmer can edit their product details and auction details including the images uploaded.

Input:

New details to replace the old ones

Output:

Updated information is displayed on successful update else Failure message displayed.

Process 1.3: Auction

Description:

Farmer can post an Auction on their product for which multiple customers can bid for.

Input:

Auction details like auction description, Start date, end date etc.



Output:

- Confirmation message on success.
- Failure message on entering invalid information or on missing mandatory information.

Process 1.4: Sell product

Description:

- On reaching the end date of the auction, the maximum bidder will be declared as winner of the auction.
- Farmer can sell their product to the winner.

Input:

The end date and highest bidder details of the auction is used as input for selecting the maximum bid.

Output:

On successful sale of product the auction winner and the Farmer get the bank statement about the transaction completed.



Process 1.5: Manage Profile

Description:

- ♣ Farmer can View & Update their Registered information including profile images.
- Farmer can view their timeline.
- Farmer can view their Customer reviews.

Input:

New details to replace the old ones

Output:

Updated information is displayed on successful update else Failure message displayed.

Process 1.6: Forgot Password

Description:

♣ If farmer forgets password then he can enter the registered email id in forgot password option.



♣ Farmer can get to know their password if email id matches the registered email id through email.

Input:

Farmer's registered Email ID must be entered

Output:

Mail sent on registered Email id after successful Email ID verification which will give them the forgotten password.

4.6.3 Customer

Process 1.0: Registration

Description:

Customer can register themselves by entering required credentials to be able to sell their products.

Input:

Customer related information like Name, Contact details, city etc.

Output:



Acknowledgement about the registration on success or failure.

Process 1.1: Login

Description:

Customer can Login in with the logged in Username and Password.

Input:

Username and Password of the Customer.

Output:

Confirmation message on success, and Failure message on invalid information.

Process 1.2: Search

Description:

Customer can search for the required products easily by product name, auction name, season, farmer name, tag name, Farmer Reviews, city etc.

Input:



Search criteria to search product of choice.

Output:

Product details matching the listed Criterias.

Process 1.3: Manage Profile

Description:

- Customer can View & Update their Registered information including profile images.
- Customer can view their basket of products they had bought.

Input:

New details to replace the old ones

Output:

Updated information is displayed on successful update else Failure message displayed.

Process 1.4: Bid

Description:



- Registered Customer can bid for the products of their choice with a price higher than the maximum bid.
- Customer can view other Customer's bids.

Input:

Bid for the product and Bid description.

Output:

Bid information is displayed in bidders list on successful bid else Error message displayed.

Process 1.5: Buy Item

Description:

- ♣ On reaching the end date of the auction, the maximum bidder will be declared as winner of the auction.
- **The customer does the payment for the product.**

Input:

Bid details is taken as input to complete the transaction.

Output:



The auction winner gets the Bank statement about the transaction completed successfully.

Process 1.6: Forgot Password

Description:

- If Customer forgets password then he/she can enter the registered email id in forgot password option.
- Customer can get to know their password if email id matches the registered email id through email.

Input:

Customer's registered Email ID must be entered

Output:

Mail sent on registered Email id after successful Email ID verification which will give them the forgotten password.



4.7 Database Design

1. tbladmin

Column	Type	Size	Constraint	Description
Adminid	Int	11	PK,AI	Admin identification
Username	Varchar	30		Admin name
Password	Varchar	30		Admin password
Emailed	varchar	30		Email id
Profilepic	varchar	100		Profilepic
Contact	Bigint	12		Contact

2. Tblauction

Column	Туре	Size	Constraint	Description
Auctionid	Int	11	PK,AI	Auction identification
Title	Varchar	30		Auction name
Productid	Int	11	FK	Product identification



Askedprice	Int	11		Minimum price
Quantity	Int	11		Qty.
Description	Varchar	100		Description
Featuredimage	Varchar	100		Image
Farmerid	Int	11	FK	Farmer identification
Isaddedbyadmin	Varchar	30		Boolean value indicating if the product is registered by admin on behalf of the farmer
Startdatetime	Datetime			Start date
Enddatetime	datetime			End date
Addeddatetime	Datetime			Added days
Status	Varchar	100		Status

3. Tblauction bid



Column	Туре	Size	Constraint	Description
Auctionbidid	Int	11	PK,AI	Auction bid id
Userid	Int	11	FK	User id
Auctionid	Int	11	FK	Auction id
Offerprice	Int	11		Offered price
Description	Varchar	100		Description
Status	Varchar	100		Status
addedatetime	Datetime			Added days

4. Tblauctionimage

Column	Type	Size	Constraint	Description
Auctionimageid	Int	11	PK,AI	Auction image id
Auctionid	Int	11	FK	Auction id
Imageurl	Varchar	100		Image url
Description	Varchar	100		description



$5. \underline{\textbf{Tblauction}transaction}$

Column	Туре	Siz e	Constrai nt	Description
Auctiontransaction id	Int	11	PK,AI	Auctiontransacti on id
Auctionid	Int	11	FK	Auction id
Amount	Int	11		Amount
Userid	Int	11	FK	User id
Farmerid	Int	11	FK	Farmer id
Createddt	Datetim e	10 0		Ddt information
Status	Varchar	10 0		Status

6. Tblcategory

Column	Туре	Size	Constraint	Description
Categoryid	Int	11	PK,AI	Category id
categoryname	Varchar	30		Category
				name

7. Tblcity



Column	Туре	Size	Constraint	Description
Cityid	Int	11	PK,AI	City id
Cityname	Varchar	30		City name
Stateid	Int	11	FK	State id

8. Tbl farmer

Column	Туре	Size	Constraint	Description
Farmerid	int	11	PK,AI	Farmer id
Fullname	varchar	30		Farmer name
Username	varchar	30		User name
Password	varchar	30		Password
Cityid	int	11	FK	City id
Address	varchar	100		Address
Aadharnumber	bigint	12		Aadhar card no.
Emailid	varchar	50		Email id
Contactnumber	bigint	12		Contact no.



Optionalnumber	bigint	12	Optional
			contact no.
Bio	Varchar	50	About
			section
Profileimage	varchar	100	Profile
			image

$9. \underline{\textbf{Tblfarmerreview}}$

Column	Туре	Size	Constraint	Description
Farmerreviewid	Int	11	PK,AI	Farmer review id
Userid	Int	11	FK	User id
Review	Varchar	100		Customer review
Rating	Int	11		Rating
Farmerid	Int	11	FK	Farmer id
Reviewdate	Datetime			Review date

$10. \underline{\textbf{Tblproduct}}$

Column	Type	Size	Constraint	Description



Productid	Int	11	PK,AI	Product id
Title	Varchar	30		Title
Categoryid	Int	11	FK	Category id
Productimage	Varchar	100		Product image
Description	Varchar	100		description
Season	Varchar	30		Season

11. tblstate

Column	Туре	Size	Constraint	Description
Statid	Int	11	PK,AI	State id
Statename	varchar	30		State name

12.tbltags

Column	Туре	Size	Constraint	Description
Tagid	Int	11	PK,AI	Tag id
Tagname	Varchar	30		Tag name



Categoryid	Int	11	FK	Category id

13. <u>Tbluser</u>

Column	Туре	Size	Constraint	Description
Userid	Int	11	PK,AI	User id
Username	Varchar	30		Username
Password	Varchar	30		Password
Emailed	Varchar	30		Email id
Contact	bigInt	12		Contact no.
Cityid	Int	11	FK	City id
Bio	Varchar	100		Description
profilepic	Varchar	100		Profile image

14.tbltagproduct

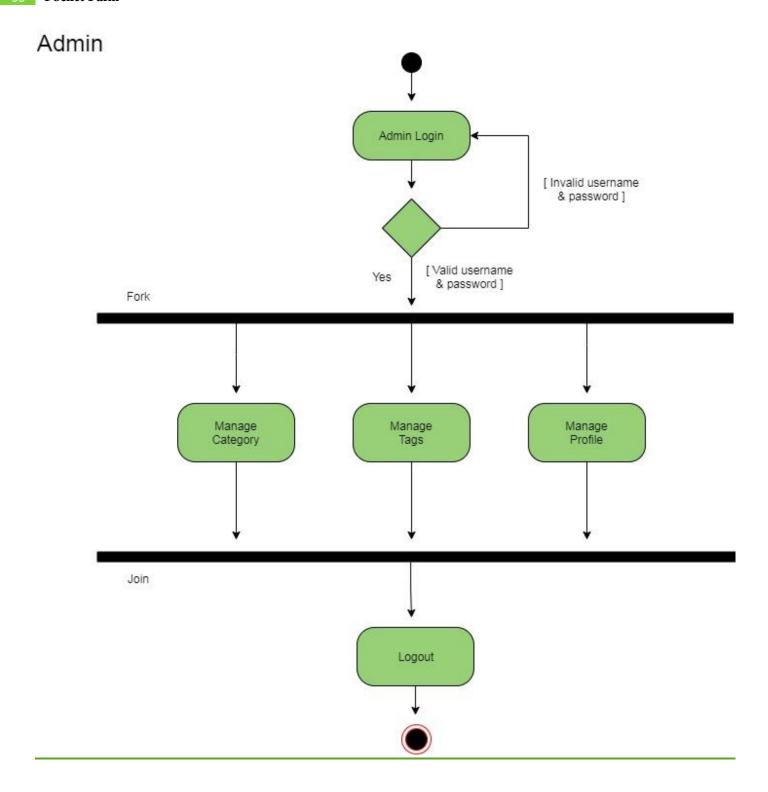
Column	Type	Size	Constraint	Description

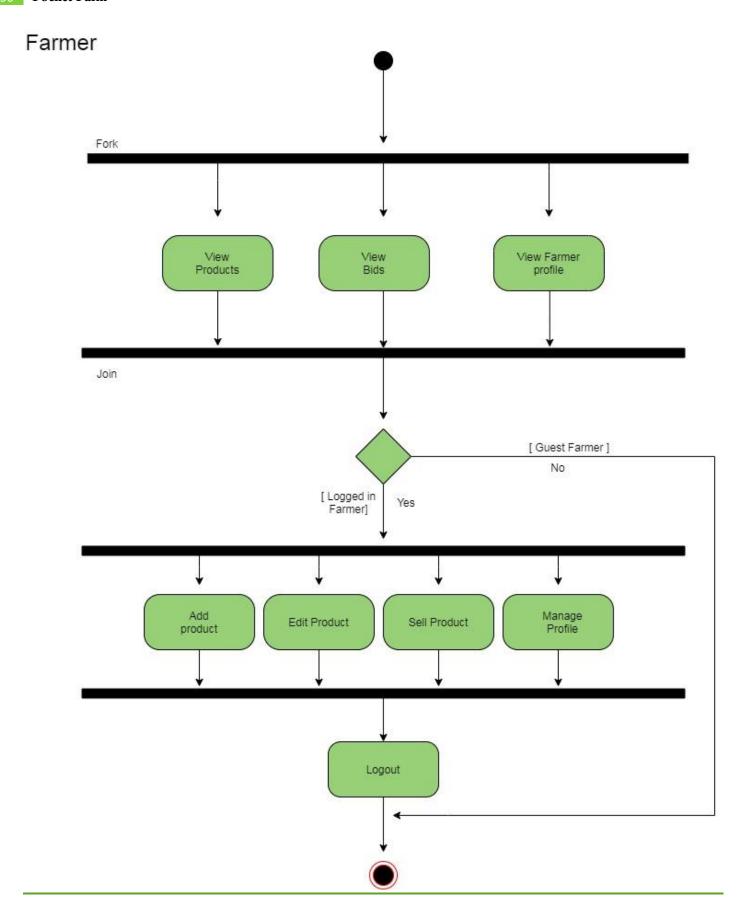


tagproductid	int	11	PK,AI	Tagproduct id
tagid	int	11	FK	Tag id of tag
productid	int	11	FK	Product id of product

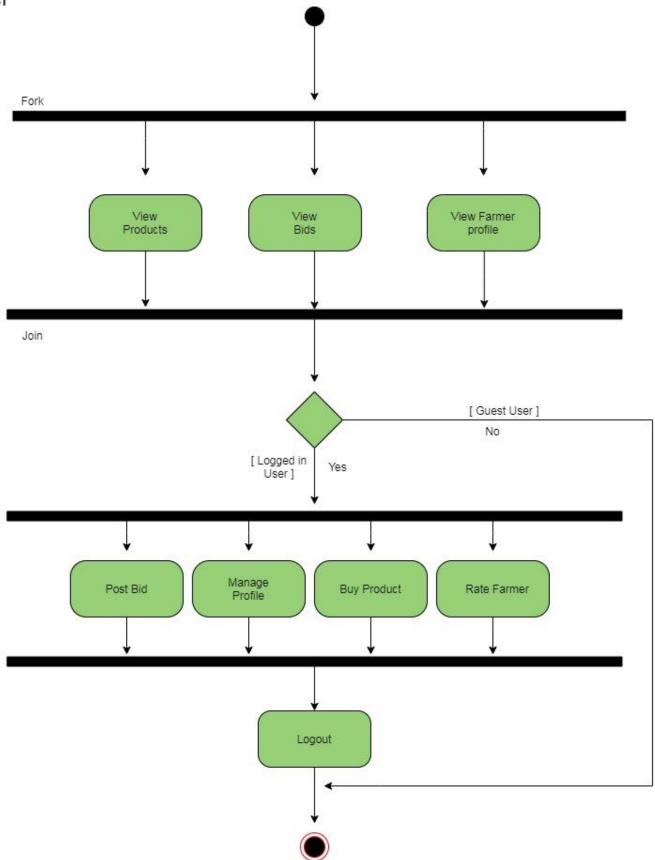
4.8 Activity Diagram



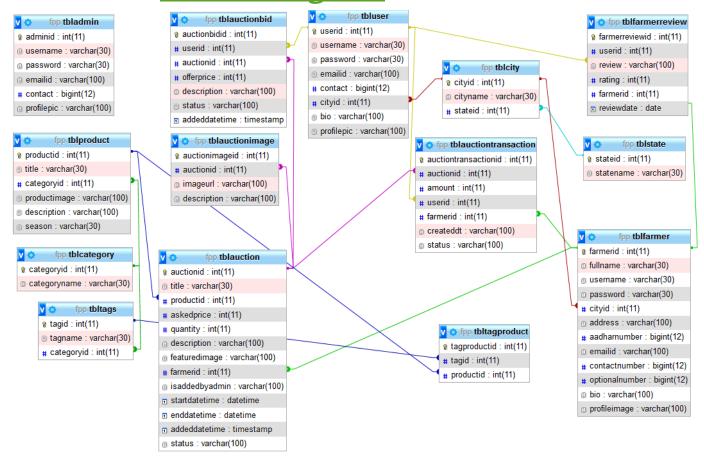




User



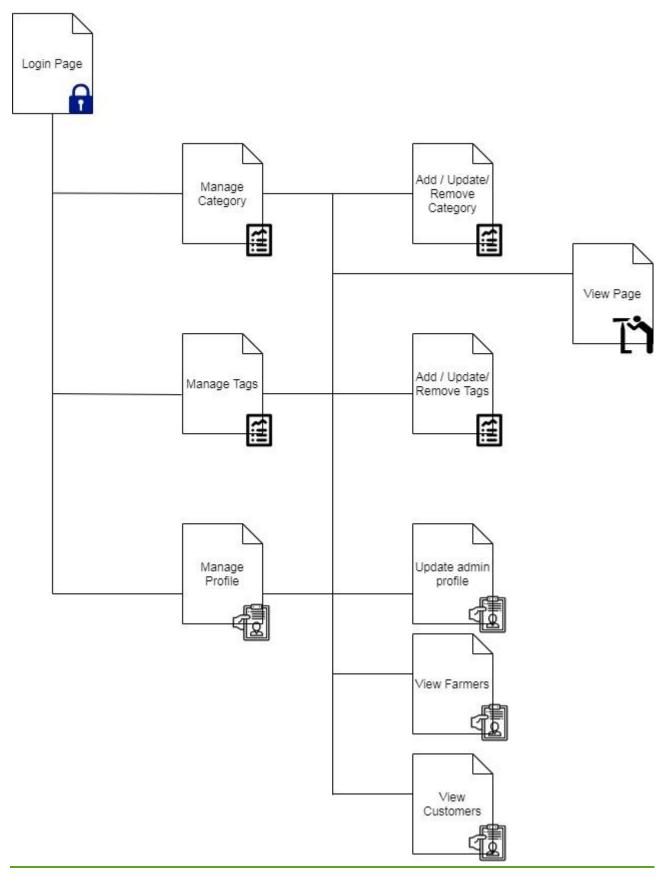
4.9 Class Diagram



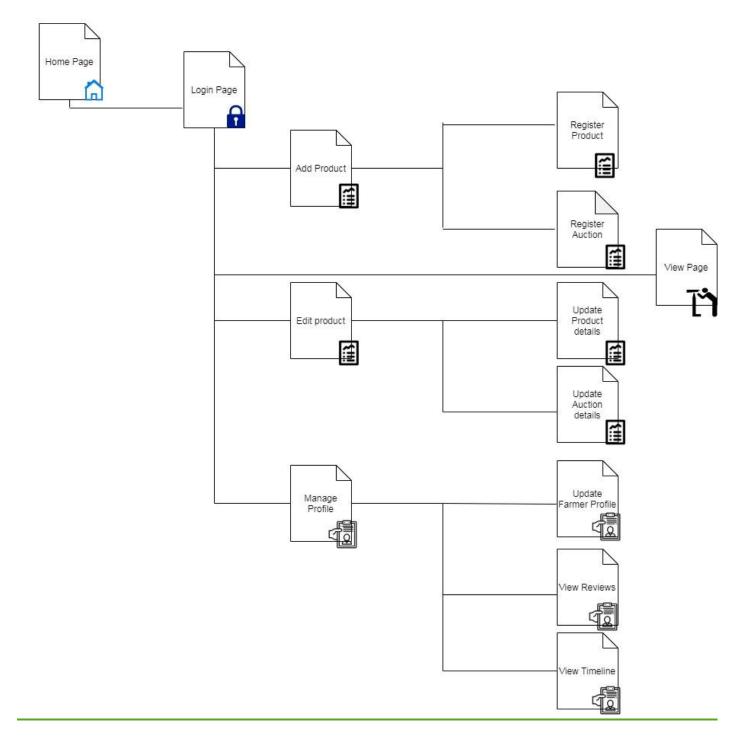
4.10 Site Map Diagram



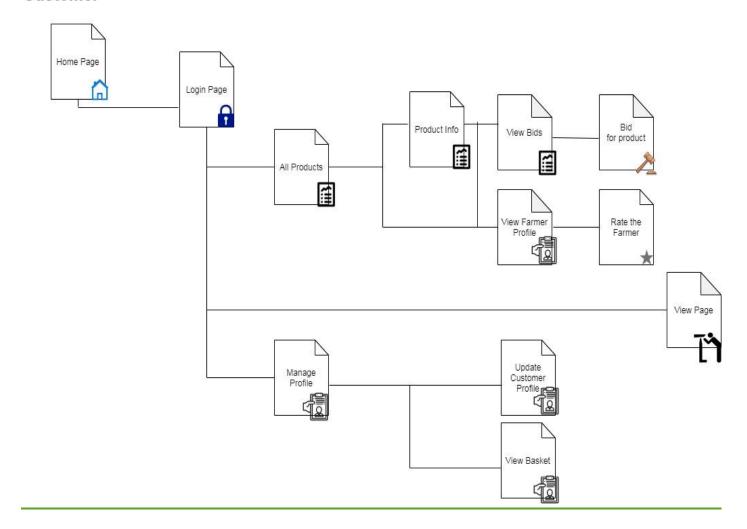
Admin



Farmer



Customer



5. System Planning

- 5.1 Duration Feasibility
- 5.2 Implementation Feasibility
- 5.3 Operational Feasibility
- 5.4 Technical Feasibility
- 5.5 Resource Feasibility
- 5.6 Behavioural Feasibility
- 5.7 Economic Feasibility
- 5.8 Software Engineering Model



Feasibility Study

Feasibility study involves research relating to different aspects that go into developing software. Feasibility study of the problem definition or requirement was done to determine if the requirement can be solved effectively given the budgetary, operational & technical and scheduled constraints in place. The aim of feasibility study is to identify the best solution under the circumstances by identifying the effects of this solution on the organisation.

The feasibility of our project has been judged on the basis of time, technology, resources available, behavioural feasibility & cost of development.

5.1 Duration Feasibility

- Project initiated with pre-stated deadlines.
- The duration is allotted keeping in mind the entire task & is practically feasible.

5.2 Implementation Feasibility

A proper implementation is essential to provide a reliable



system to meet requirements of the organization.

Implementation is the stage in the project where the theoretical design is turned into a working system. The most critical stage in achieving a new successful system is to improve the performance of the existing system and to deliver system effective application.

5.3 Operational Feasibility

- > It will help in time saving and fast processing and dispersal.
- > From the Admin perspective our application requires basic knowledge about policies of Cyber World.

5.4 <u>Technical Feasibility</u>

- > Minimum system required for admin, user and visitor is computer connected with internet with compatible browser.
- > The system is suitable for multi user operations. With the available resources robust system with data security can be developed. It uses PHP which has been tested & approved to be sufficiently robust, scalable & efficient to develop such an application. Hence technically there is no limitation for development of the system.

5.5 Resource Feasibility

> The system requires well trained software developers. Besides that network connectivity, MySQL servers are



needed. Tools for documentation & editing are required.

These resources are available and feasible.

5.6 Behavioural Feasibility

- > Benefits of proposed system were assessed. Having realized the benefit of new system the users' response was studied before the inception of system development. They reacted positively towards the proposal.
- > Since all the users involved in project development are familiar with internet no explicit training will be required to learn the usage of new system. Simple guidance would suffice.

5.7 Economic Feasibility

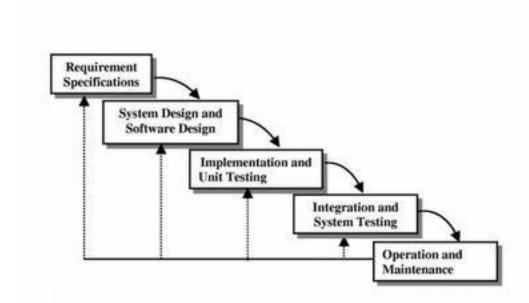
- > The cost of software and hardware required for system including storage of bulk of data server.
- > No budgetary constraints were imposed on the system. More importantly since all free software were used only hardware, usage & internet costs were to be considered. These were quite limited & well within feasibility.

Based on above study it can be stated that designing & developing this system is certainly feasible if executed well within stated guidelines. So based on these positive results, the new system was approved for development.



5.8 Software Engineering Model

We followed Iterative Waterfall Model for software development do we can add new functionalities as per requirement.



6. Test Cases

- 6.1 Admin Side
 - 6.2 User Side

6.1 Admin Side

Sr.no.	Objective	Input Value	Valid/Invalid	Expected Result	Generated Result
1.	Admin Login	string	Valid: Registered Username and password. Invalid: Invalid Credentials passed.	Admin home must open up on valid login. Else Login failure.	Admin home opens up on valid login. Else Login failure.
2.	Edit Category	string	Valid: Any string input. Invalid: Non- string input.	Change must be reflected on user side.	Change is reflected on user side.
3.	Delete Category	String	Valid: When no category has any dependency Invalid: When category has dependency.	Change must be reflected on user side.	Change is reflected on user side.

6.2 User Side

Farmer



Sr.no.	Objective	Input	Valid/Invalid	Expected	Generated
		Value		Result	Result
1.	Farmer	string	Valid: Unique	Farmer	Farmer
	Registration		Username and	login must	login opens
			password.	open up on	up on valid
			Invalid:	valid login.	login.
			Username	Else	Else
			already taken	registration	registration
			up passed.	failure.	failure.
2.	Farmer	string	Valid:	User home	User home
	Login		Registered	page must	page opens
			Username and	open up on	up on valid
			password.	valid login.	login.
			Invalid: Invalid	Else Login	Else Login
			Credentials	failure.	failure.
			passed.		
3.	Farmer Post	String,	Valid: When all	Change	Change is
	Auction	Integer,	details are	must be	reflected on
		Float.	entered	reflected	Home Page.
			properly.	on Home	
			Invalid: when	Page.	
			Any one detail		
			is left blank.		
4.	Farmer Edit	String,	Valid: When	Change	Change is
	Auction	Integer,	Auction has not	must be	reflected on
		Float	started yet or	reflected	Home Page.
			auction is in	on Home	



Invalid: When Auction Has finished.	

Customer

Sr.no.	Objective	Input Value	Valid/Invalid	Expected Result	Generated Result
1.	Customer Registration	string	Valid: Unique Username and password. Invalid: Username already taken up passed.	Customer login must open up on valid login. Else registration failure.	Customer login opens up on valid login. Else registration failure.
2.	Customer Login	string	Valid: Registered Username and password. Invalid: Invalid Credentials passed.	User home page must open up on valid login. Else Login failure.	User home page opens up on valid login. Else Login failure.
3.	Customer Post Bid	String, Integer	Valid: When Bid price is higher than last bid and minimum value. Invalid: When Bid price is less than last bid and minimum	Change must be reflected on Auction Board.	Change is reflected on Auction Board.



72	Pocket Farm				

	value.	

7. Limitations

- ♣ Not all the farmers might be able to use the website due to the language constraint.
- The website doesn't deal with smaller quantity purchase demands.
- ♣ The customer doesn't have the option of paying the price in installments.

8. Future Enhancements

- ♣Payment Gateway can be used to carry out the transactions.
- ♣Transport facility can be made available for the products to reach the customers.
- ♣Customer and Farmer interaction can be made possible by using on website messaging.

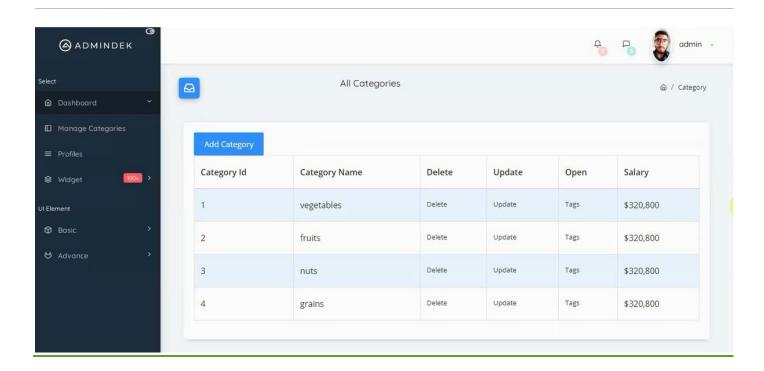


9. Screen Shots

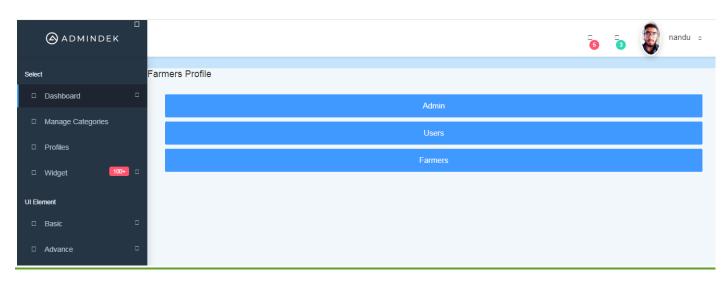


Admin Side

Home Page

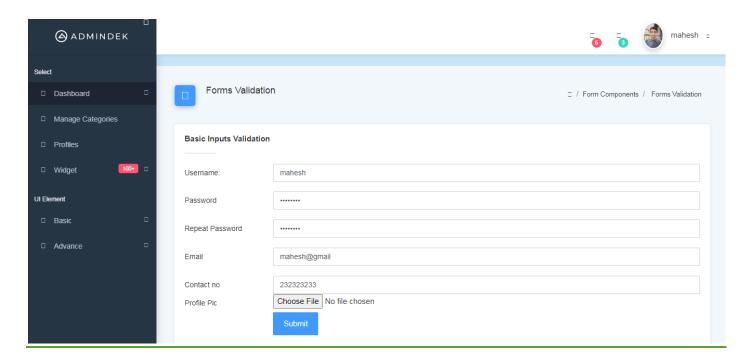


View Profiles



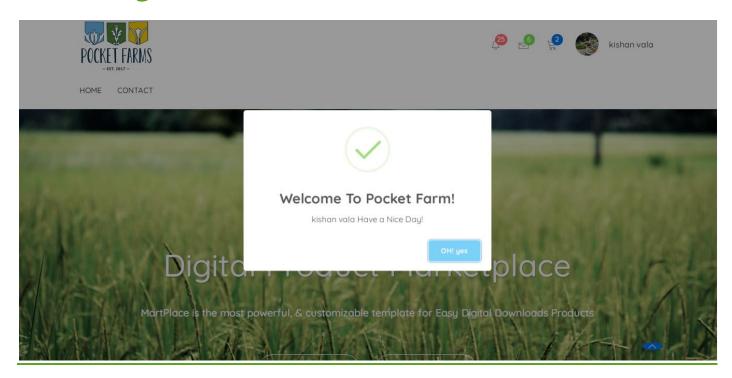
Update Profile (Personal)



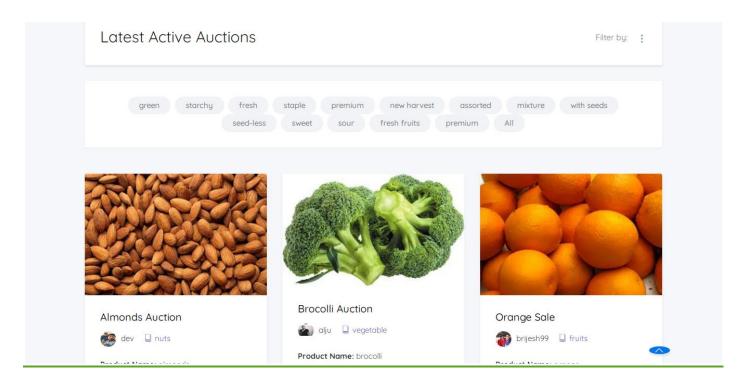


User Side

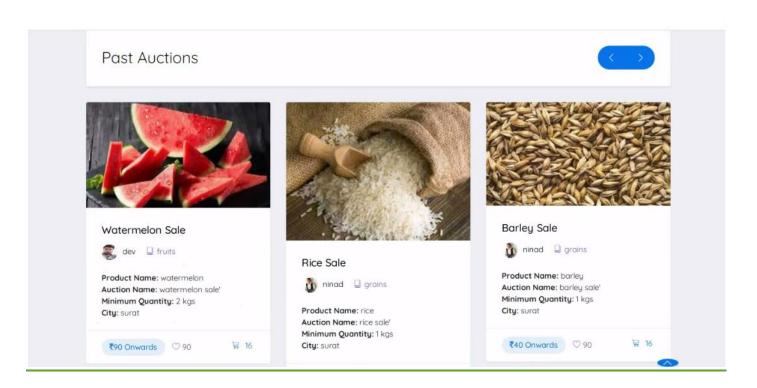
Home Page



Active Auctions

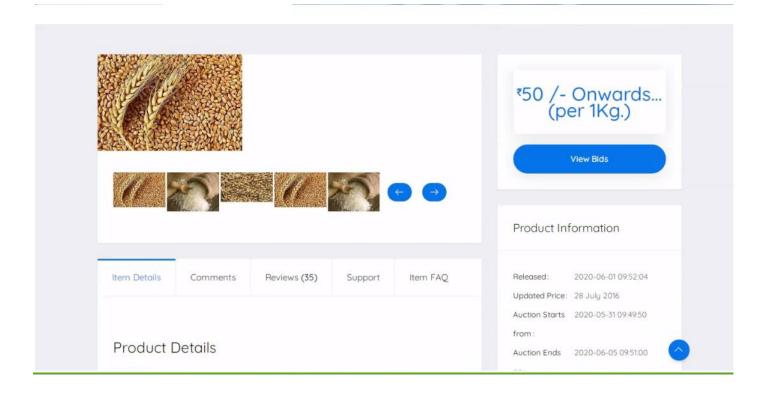


Past Auctions

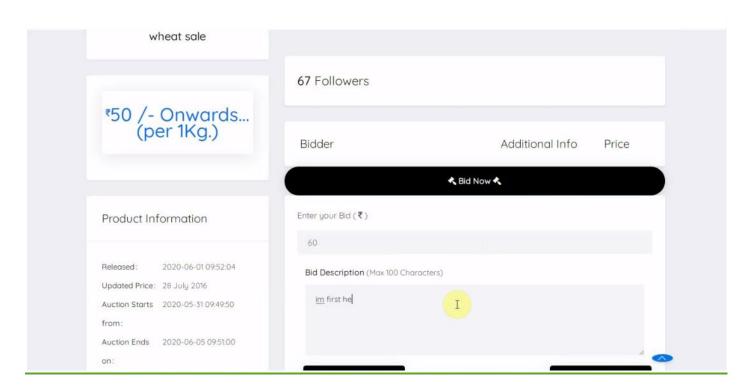


View Product



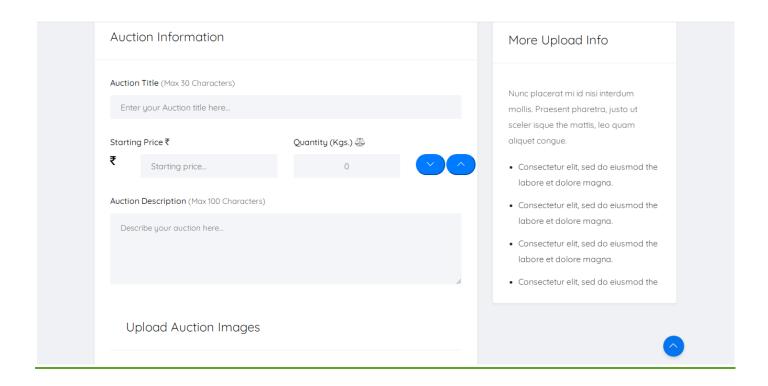


Bidding Page

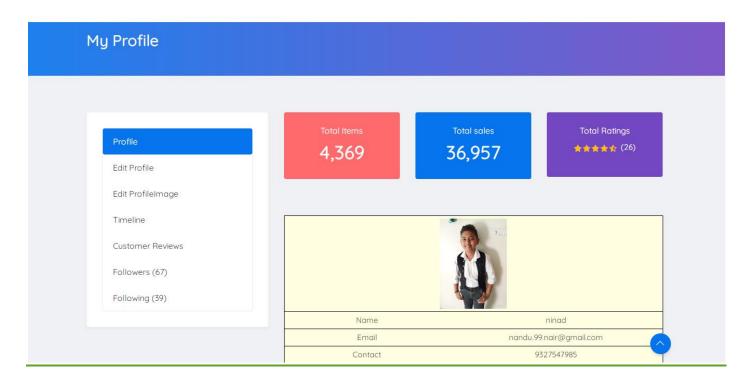


Post Auction(Farmer)



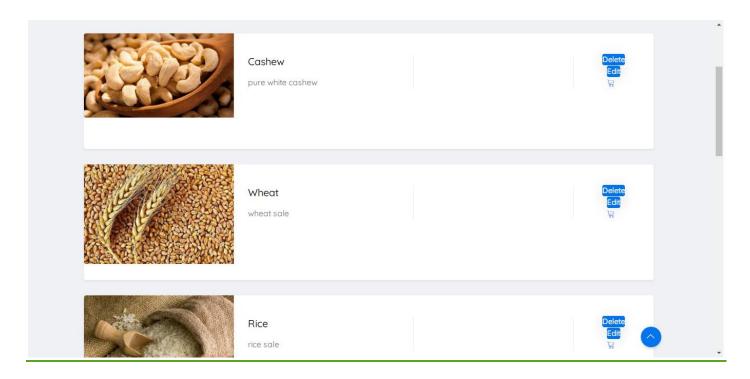


Edit Profile

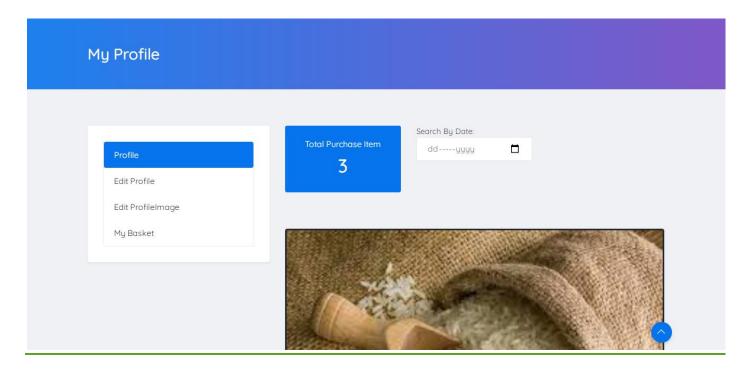


Edit Product

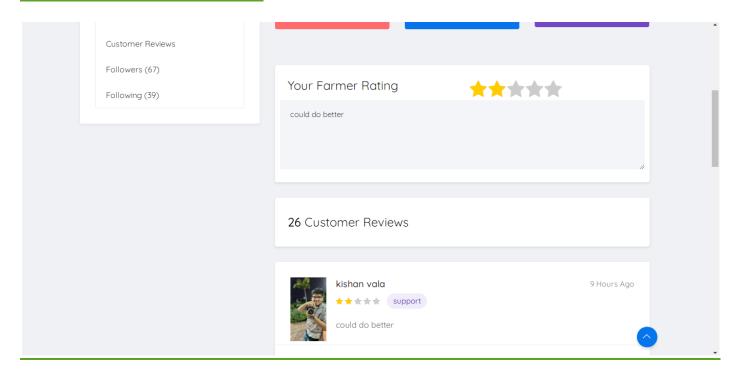




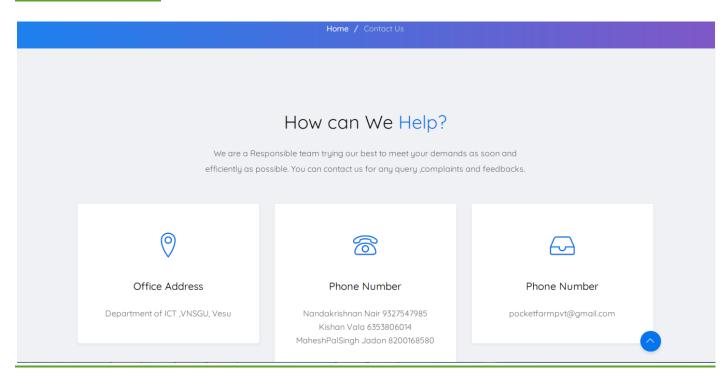
Customer Profile



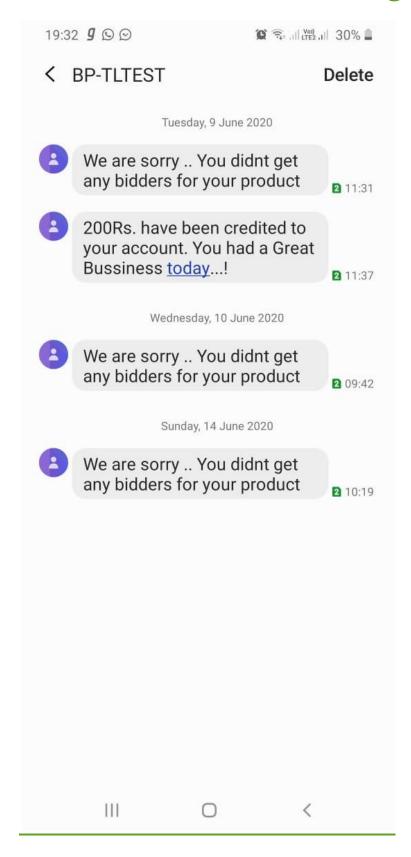
Customer Reviews



Contact Us



Transaction Statement through SMS



10. References

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