Veer Narmad South Gujarat

University, Surat.

M.Sc. (Information Technology) Programme

Project Report

6th Semester

M.Sc. (Information Technology)
<u>5 Years Integrated Course</u>

E Farming

Guided By: Submitted

By:

Mr. Parvez Khan

Nandak rishnan U. Nair (57) Kishan A.Vala (105) Mahesh PalSing h K. Jadon (31)

Node2Begin

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

Hade Begin

Date: 14'h August 2020

Certificate

This is to cert ify tha t Jadon
MaheshPalSingh Kishan PalSingh, Na ir
Nandakrish nan Unnikrish nan and Vala Kishan
Arjanbhai, carried out their
internship at Node2Begin, Sutat during time period 1" April
2020 to 30" June 2020, as a partial fulfilment of BSCIT, from
Veer Narmad South Gujara t Unive rsit y, Surat during the

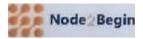
academic year 2019-20. They worked on project titled as "E-Farming" during this period.

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.

Sincerely,

Parvez Khan



g0992B27W

FT Agrasaen 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. **Jadon MaheshPal Singh** Exam Seat Number: **31** and have satisfactorily completed his/her project work entitled **E-Farming** as a partial fulfilment of the requirements for **6**th **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 Narma d South Gujarat Univers ity, Surat

Node2Begin

Pocket Farm

We bring you closer than ever before...



Sr.	Parti		
No.	cular		
	S		
1	Introduction		
	Project ProfileCompany Profile	8 9	
2	Hardware and Software requirements		
-	Hardware ConfigurationSoftware Configuration	1 1	
	 Server Configuration 		
3	Proposed System		
•	Problem StatementPurpose	1 3	
	ScopeObjective	1 4	
		1 5	
4	System Analysis		
•	Software Requirement Specification TR Discussion Transport Transport	1 7	
	ER DiagramUse Case diagram	1 8	

•	Data flow diagram	1
•	Data Dictionary	9
•	Process Specification	2
•	Database design	2
•	Activity Diagram	2
	Class Diagram	9
		3
		3
		4
		6

	4.10 Site Map diagram	54
		58
5.	System Planning	
	5.1 Duration Feasibility	63
	 Implementation Feasibility 	64
	 Operational Feasibility 	UT
	5.4 Technical Feasibility	65
	Resource Feasibility	66
	 Behavioural Feasibility 	00
	5.7 Economic Feasibility	
	5.8 Software Engineering Model	
6.	Test Cases	
	Admin side	68
	• User side	69
7.	Limitations	73
8.	Future Enhancements	74

9.	Screenshots	75
10.	References	84

Introduction

- Project Profile
- Company Profile

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	Ms. Lissa John
Guide	
External Project	Mr. Parvez Khan
Guide	
Submitted By	Kishan Vala , MaheshPalSingh
	Jadon, Nandakrishnan Nair
Submitted To	Department of ICT

• Company Profile



Node2Begin

Node2Begin provides various assistance and support to all sor business such as application and website development, digital market 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 accomp 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 ye practical solutions that promotes your company's personality, tailored your target viewers and your principal values. Our crew which is highlyskilled and dedicated will empower you with the tools you need achieve the desired result.



• Hardware and Software requirements

- Hardware Configuration
- Software Configuration
- Server Configuration

• Hardware Configuration:

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	Lan Card (Must be internet connection) or modern		
device	: Lan Card (Must be internet connection) or modem		

• <u>Software Configuration</u>

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

Server Configuration

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

Proposed System

- Problem Statement
- Purpose
- Scope
- Objective

• Problem Statement

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

Purpose

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

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.

Buyer

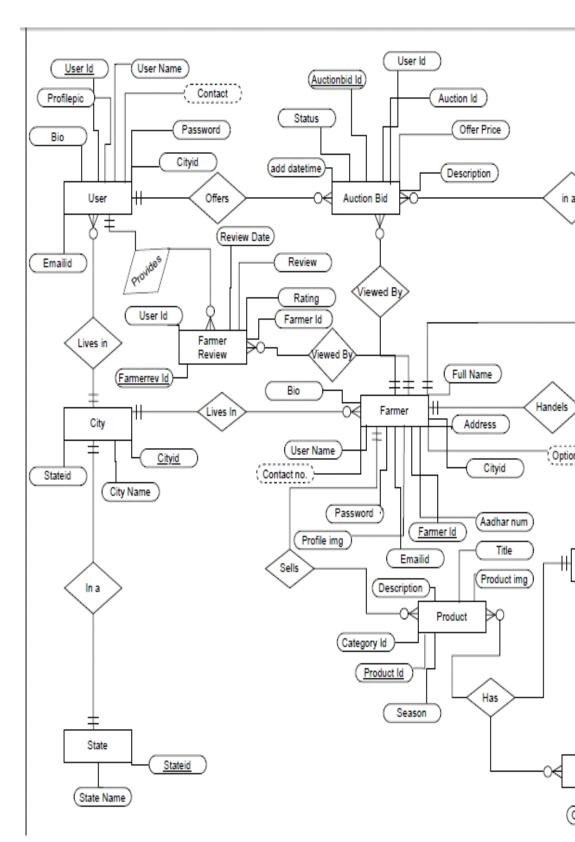
- Buyer can View products by Category, Tags, Farmer, etc
- Buyer can Search for products by Product name, Farmer, City.
- Buyer can post Bids on products that are being Auctioned.
- Buyer can view Farmers profile.
- Buyer can view and manage their Own profile.
- Buyer can Rate the Farmer
- Buyer can Reset Password.

• <u>Objective</u>

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

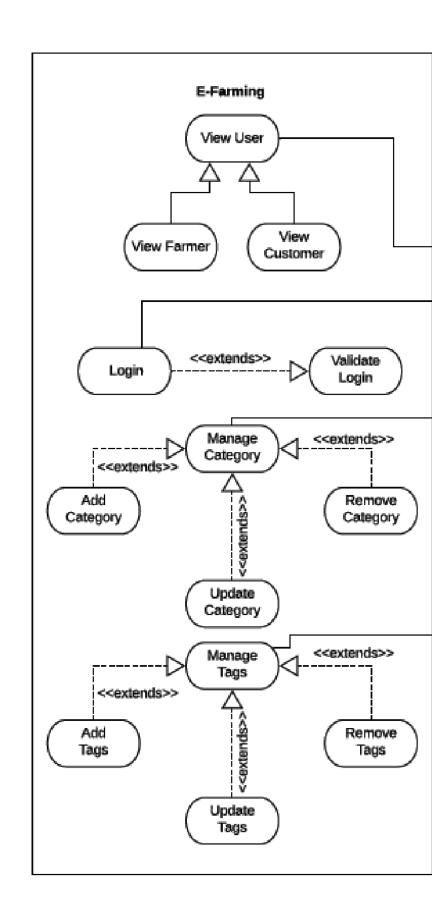
System Analysis

- Software Requirement Specification
- ER-Diagram
- Use Case Diagram
- Data Flow Diagram
- Data Dictionary
- Process Specification
- Database Design
- Activity Diagram
- Class Diagram
- Site Map Diagram
- Software Requirement
 Specification

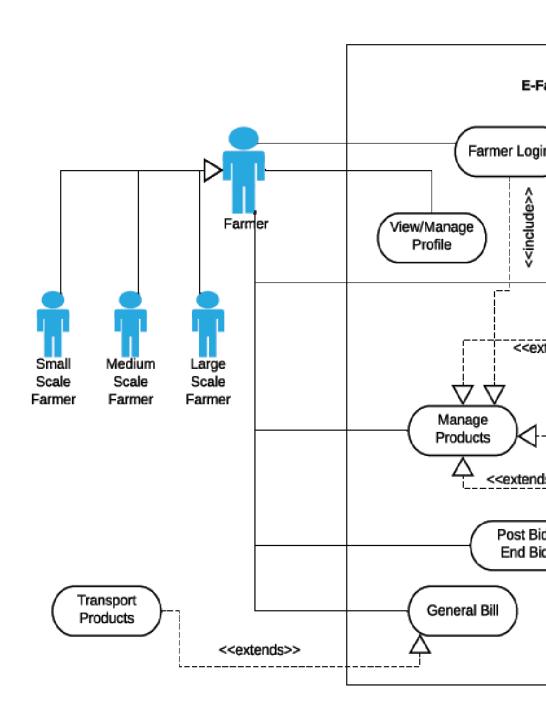


ER-Diagram

Use Case Diagram

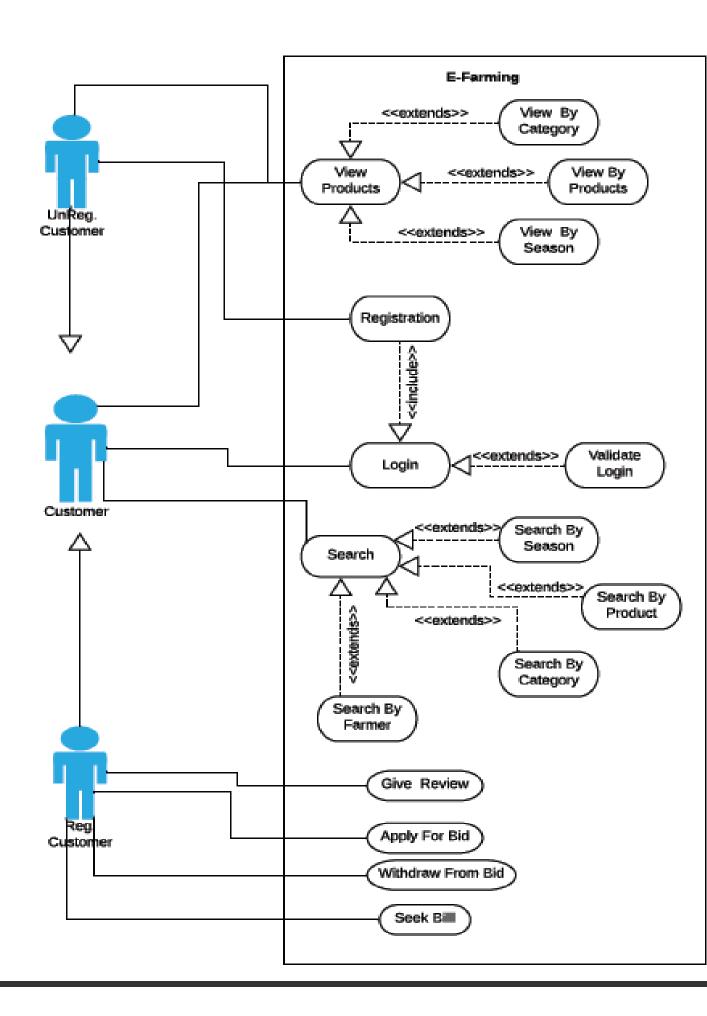


Admin



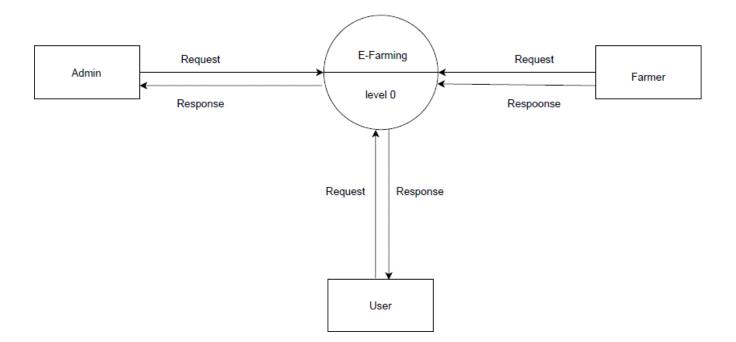
Farmer

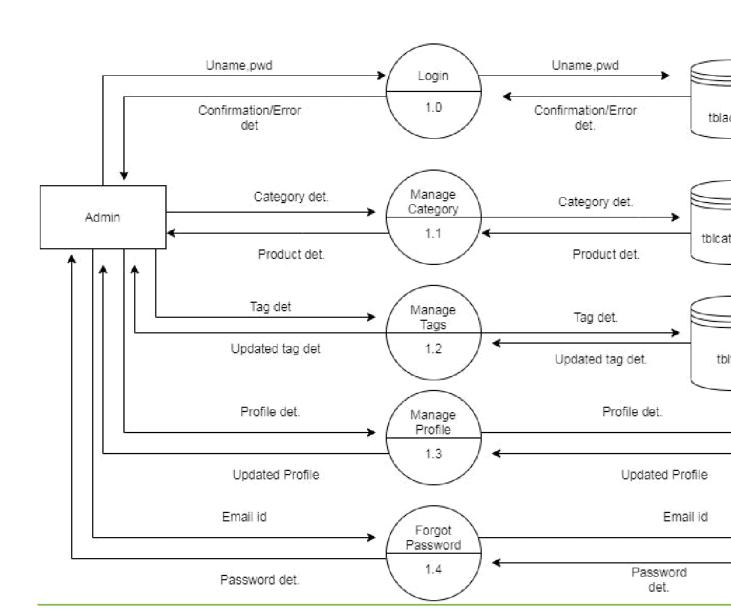
• <u>Customer</u>



Data Flow Diagram

Level 0

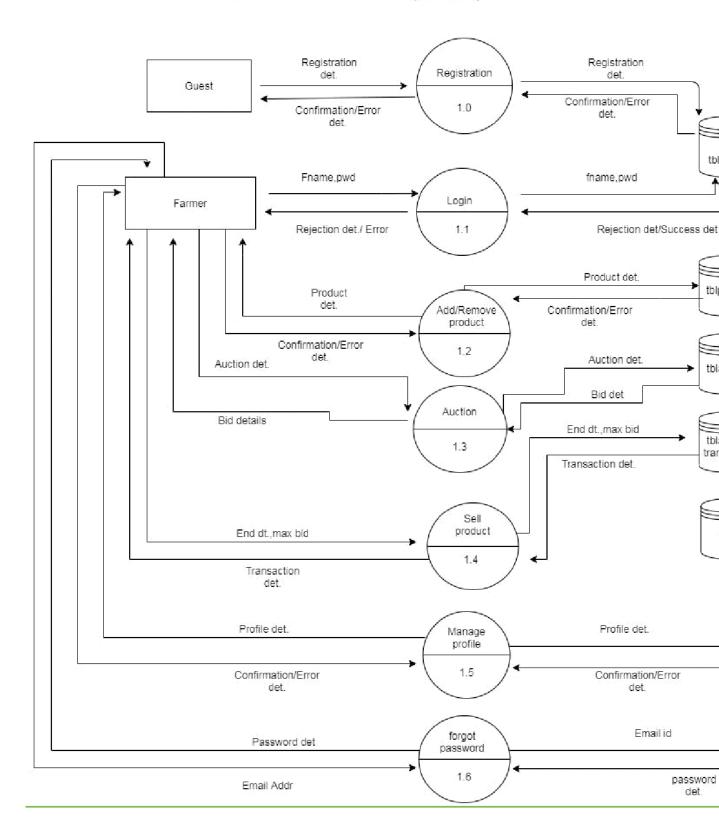


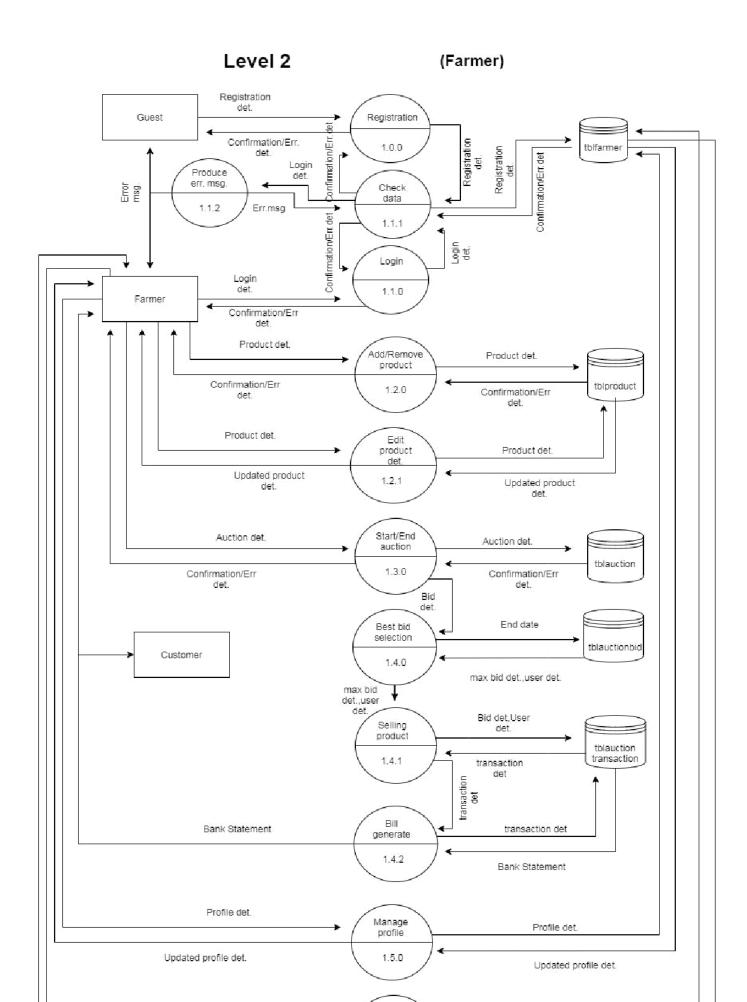


Password sent to

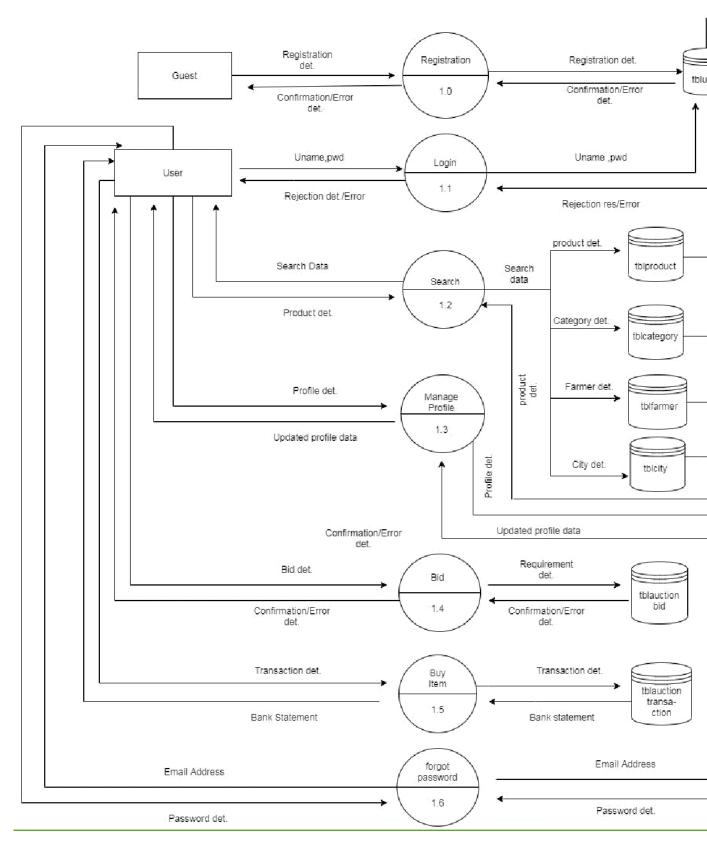
Level 1

(Farmer)





Level 1 (User)



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.
Description	Category details of
	the product

Alias When/Where Used	category det. 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	Inputto 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	
	statement about	
	the purchase/sales	
	price	

Alias 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
	warningin
	process
Alias	Confirmation/ Rejection
	det.
When/Where Used	Input to output from
	login and registration of
	farmer
	customer and adminlogin,

Name Description	Profile det. Profile details of the logged in userlike name,
	username, profile image,etc

Alias When/Where Used

User det.
Input to and output from manage profile process and output from winner declaration process

- Process Specification
- Admin

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.

[♣]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:

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.

• <u>Farmer</u>

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:

LConfirmation 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.

• <u>Customer</u>

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.

Database Design

• tbladmin

		е	nt	n
Adminid	Int	11	PK,AI	Admin
				identificatio
				n
Usernam e	Varcha r	30		Admin name
Passwor d	Varcha r	30		Admin
				password
Emailed	varcha	30		Email id
	r			
Profilepi c	varcha r	100		Profilepic
Contact	Bigint	12		Contact

• Tblauction

Column	Type	Siz	Constrain	Descriptio
		е	t	n
Auctioni	Int	11	PK,AI	Auction
d				

				identificatio
				n
Title	Varcha	30		Auction
	r			name
Producti d	Int	11	FK	Product
				identificatio
				n

Askedprice	Int	11	Minimum
			price
Quantity	Int	11	Qty.
Description	Varchar	10	Descriptio
		0	n
Featuredimage	Varchar	10	Image
		U	

Farmerid	Int	11	F K	Farmer
		•		identificati
				on
Isaddedbyadmi n	Varchar	30		Boolean value indicating if the product is registered
				by admin on behalf of the farmer
Startdatetime	Datetim e			Start date
Enddatetime	datetim e			End date
Addeddatetime	Datetim e			Added days
Status	Varchar	10 0		Status

Tblauctionbid

Column	Type	Siz e	Constrai nt	Descripti on
Auctionbidi d	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	Varcha r	10 0		Descriptio n
Status	Varcha r	10 0		Status
addedateti	Dateti			Added
me	me			days

Tblauctionimage

Column	Type	Siz	Constra	Descripti
		е	int	on

Auctionimag eid	Int	11	PK,AI	Auction
				image id
Auctionid	Int	11	FK	Auction id
Imageurl	Varch	10		Image url
	ar	0		
Description	Varch	10		descriptio
	ar	0		n

• Tblauctiontransaction

Column	Type	Si	Const	Description
		Z	rai nt	
		е		
Auctiontransac tion id	Int	11	PK,AI	Auctiontrans acti 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	Dateti	10	Ddt
	m	0	information
	е		
Status	Varch ar	10	Status

Tblcategory

Column	Type	Siz	Constrai	Descripti
		е	nt	on
Categoryid	Int	11	PK,AI	Category id
categoryna me	Varch ar	30		Category
				name

• Tblcity

Column	Type	Siz	Constrai	Descriptio
		е	nt	n
	Int	11	PK,AI	City id
Citynam	Varcha	30		City name
е	r			
Stateid	Int	11	FK	State id

• Tbl farmer

Column	Туре	Siz e	Constrai nt	Descripti on
Farmerid	int	11	PK,AI	Farmer id
Fullname	varch ar	30		Farmer
				name
Username	varch ar	30		User name
Password	varch ar	30		Password
Cityid	int	11	FK	City id
Address	varch	10		Address
	ar	0		
Aadharnumb er	bigint	12		Aadhar

			card no.
Emailid	varch ar	50	Email id
Contactnum	bigint	12	Contact
ber			no.

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

• <u>Tblfarmerreview</u>

Column Type Siz Coi	nstra Descripti
---------------------	-----------------

		е	int	on
Farmerrevie wid	Int	11	PK,AI	Farmer
				review id
Userid	Int	11	FK	User id
Review	Varcha	10		Customer
	r	0		review
Rating	Int	11		Rating
Farmerid	Int	11	FK	Farmer id
Reviewdate	Dateti			Review
	me			date

• Tblproduct

Colum	Тур	Siz	Constrai	Descriptio
n	е	е	nt	n

Productid	Int	11	PK,A I	Product id
Title	Varcha r	30		Title
Categoryid	Int	11	FK	Category

Productimag	Varcha	10	id Product
rroductimag	vaiciia	10	TTOUUCE
е	r	0	image
Description	Varcha	10	descriptio
	r	0	n
Season	Varcha	30	Season
	r		

• tblstate

Column	Type	Siz	Constrai	Descriptio
		е	nt	n
Statid	Int	11	PK,AI	State id
Statenam	varch	30		State
е	ar			name
е	ar			name

tbltags

Column	Type	Siz	Constrai	Descriptio
		е	nt	n
Tagid	Int	11	PK,AI	Tag id
Tagnam	Varcha	30		Tag name
е	r			

Categoryi	In	1	F	Categor
d	t	1	K	y id

Tbluser

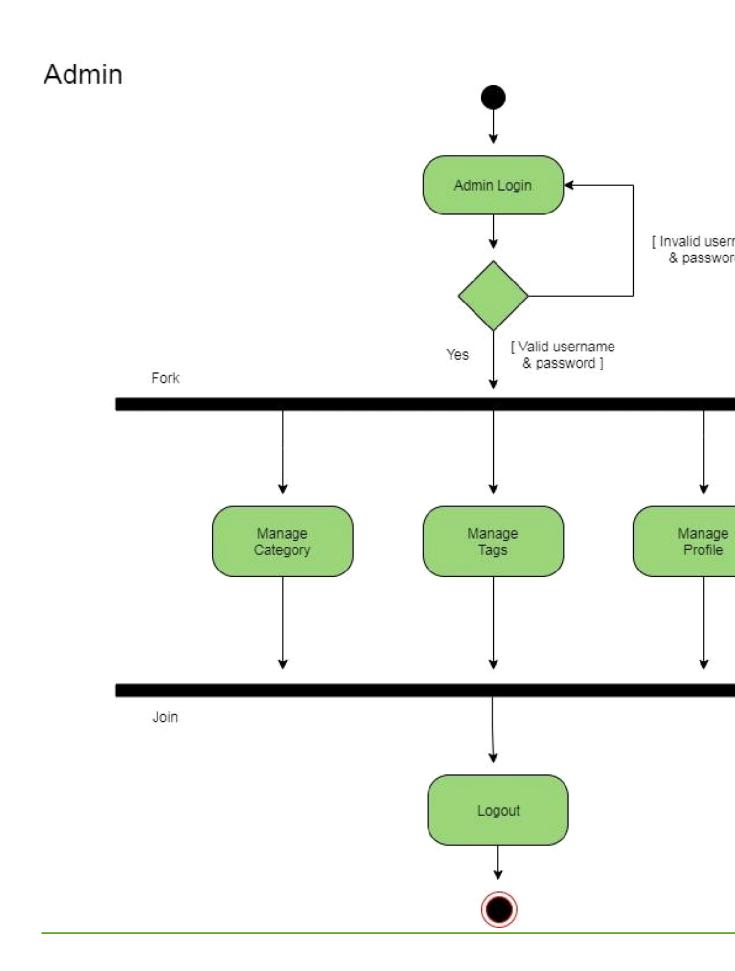
Column	Туре	Siz e	Constrai nt	Descriptio n
Userid	Int	11	PK,AI	User id
Usernam	Varch	30		Username
е	ar			
Passwor	Varch	30		Password
d	ar			
Emailed	Varch	30		Email id
	ar			
Contact	bigInt	12		Contact no.
Cityid	Int	11	FK	City id
Bio	Varch	100		Descriptio
	ar			n
profilepi c	Varch ar	100		Profile

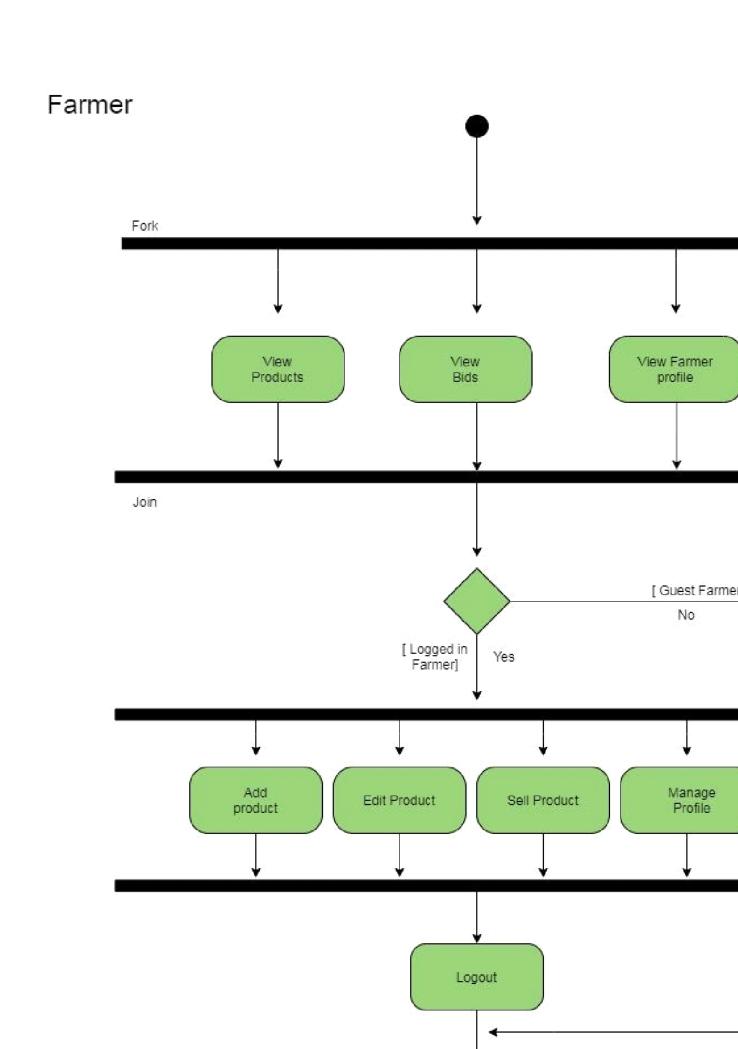
tbltagproduct

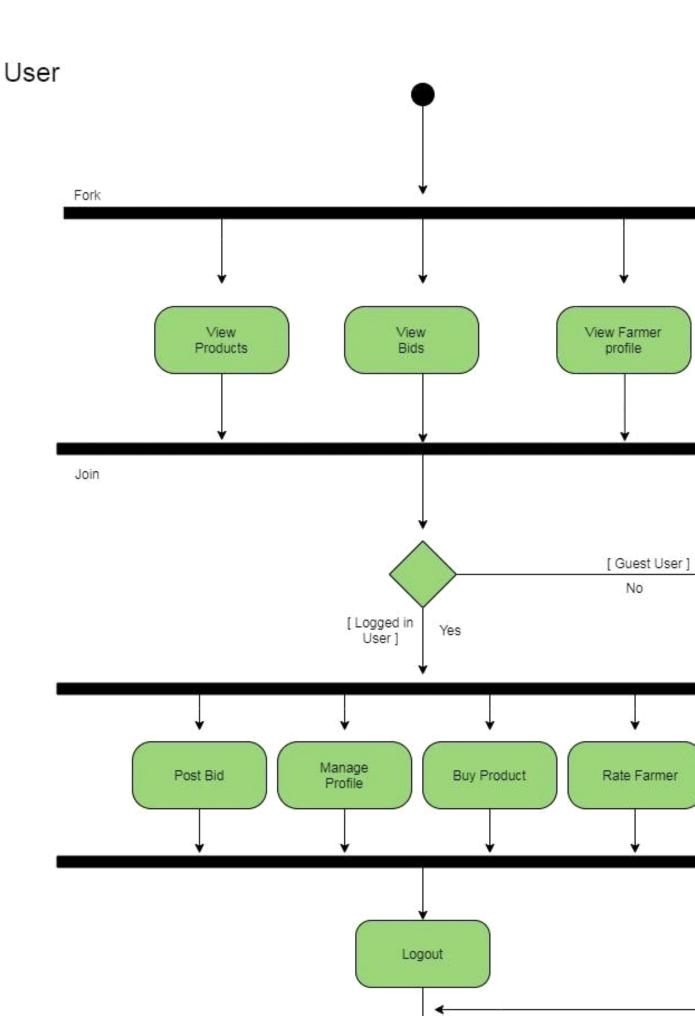
Colum	Тур	Siz	Constrai	Descriptio
n	е	е	nt	n

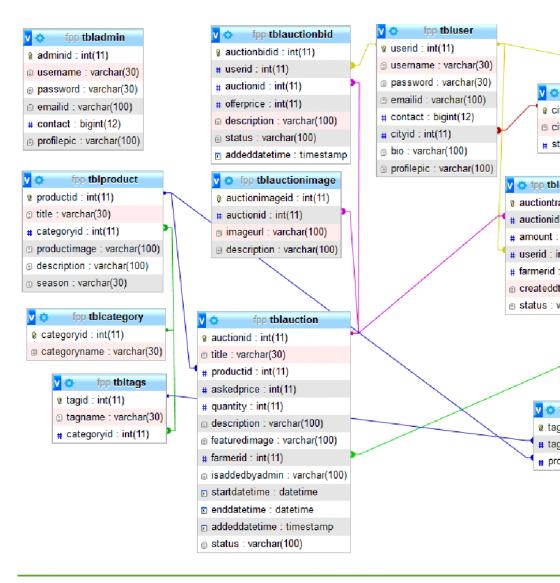
tagproducti		1	PK,A	Tagproduc
d	t	1	1	t id
tagid	in t	1	FK	Tag id of
	L	1		tag
productid	in	1	FK	Product
	t	1		id of
				product

Activity Diagram





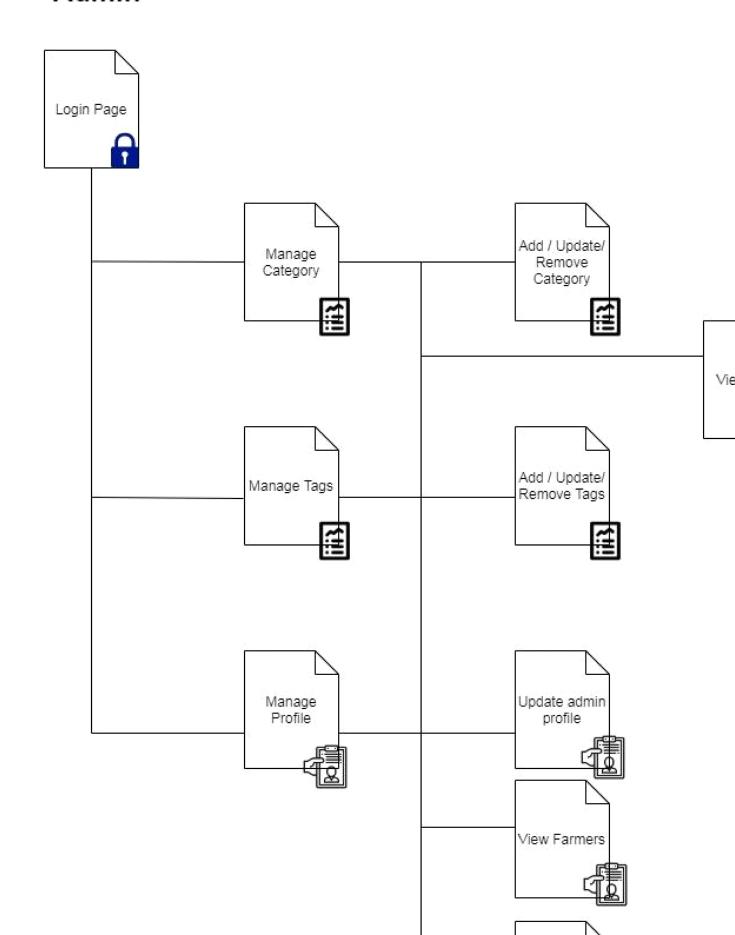




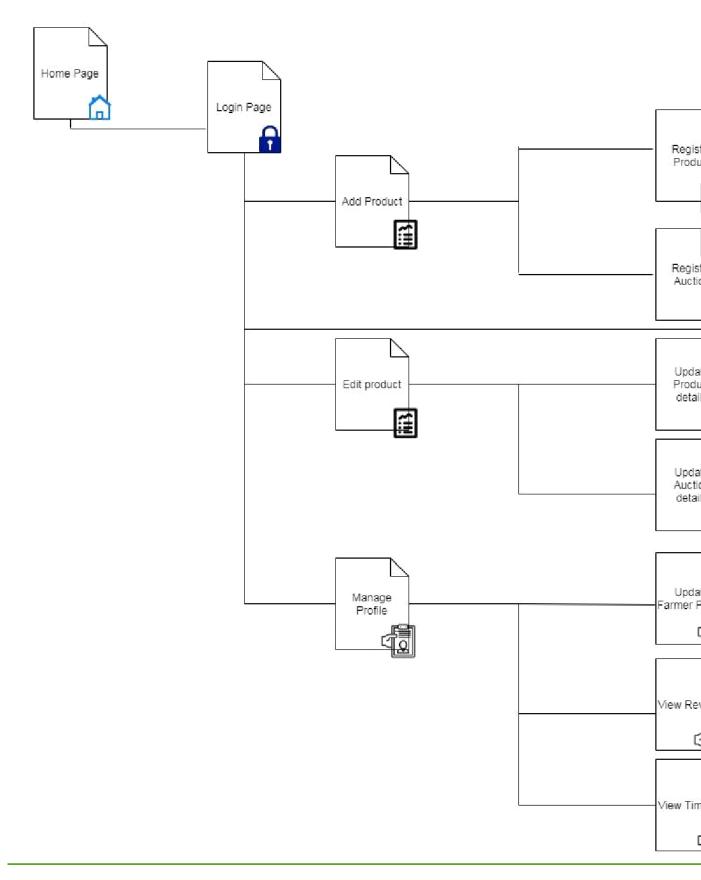
Class Diagram

Site Map Diagram

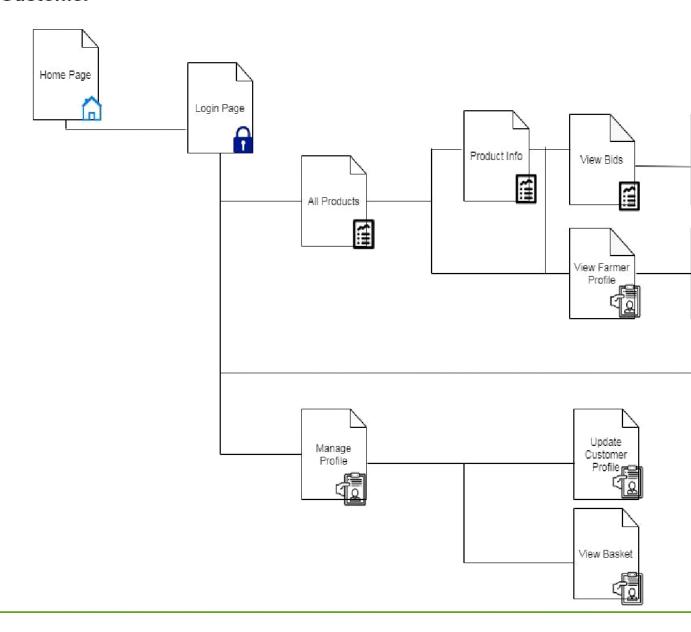
Admin



Farmer



Customer



• System

Planning

- Duration Feasibility
- Implementation Feasibility
- Operational Feasibility
- Technical Feasibility

- Resource Feasibility
- Behavioural Feasibility
- Economic Feasibility
- 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.

• **Duration Feasibility**

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

• <u>Implementation Feasibility</u>

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 effectiveapplication.

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.

• <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.

• 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.

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.

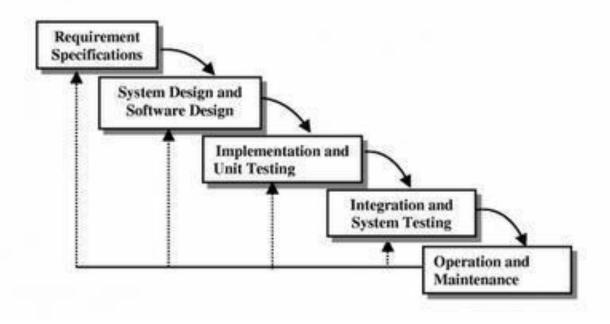
<u>Economic Feasibility</u>

- 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.

Software Engineering Model

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



• Test Cases

• Admin Side

• User Side

• Admin Side

Sr.no	Objective	Input	Valid/Invalid	Expected	Generate
•		Value		Result	d Result
1.	Admin Login	string	Valid:	Admin	Admin
			Registered	home	home
			Username	must open	opens
			and	up on	up on
			password.	valid login.	valid
			Invalid:	Else	login.
			Invalid	Login	Else
			Credentials	failure.	Login
			passed.		failure.
2.	Edit	string	Valid: Any	Change	Change is
	Categor		string input.	must be	reflected
	у		Invalid: Non-	reflecte	on user
			string input.	d on	side.
			stillig input.	user	
				side.	
3.	Delete	Strin	Valid: When	Change	Change is
	Categor	g	no category	must be	reflected
	у	Ö	has any	reflecte	on user

	dependency	d on	side.
	Invalid: When category	user side.	
	has		
	dependenc		
	у.		

• <u>User Side</u>

<u>Farmer</u>

Sr.no	Objective	Input	Valid/Invali	Expected	Generate
•		Value	d	Result	d Result
1.	Farmer	string	Valid:	Farmer	Farmer
	Registratio		Unique	login	login
	n		Username	must	opens up
			and	open up	on valid
			password.	on valid	login.
			Invalid:	login.	Else
			Username	Else	registratio
			already	registratio	n failure.
			taken up	n failure.	
			passed.		
2.	Farm	string	Valid:	User	User
	er		Registere	home	home

	Login		d	page must	page
			Username	open up	opens up
			and	on valid	on valid
			password	login.	login.
			•	Else	Else
			Invalid:	Login	Login
			Invalid	failure.	failure.
			Credential		
			s passed.		
3.	Farmer	String,	Valid:	Change	Change is
	Post	Intege	When all	must be	reflected
	Auction	r,	details are	reflecte	on Home
		Float.	entered	d on	Page.
			properly.	Home	
			Invalid:	Page.	
			when		
			Any one		
			detail is		
			left blank.		
4.	Farmer	String,	Valid:	Change	Change is
	Edit	Intege	When	must	reflected
	Auction	r,	Auction	be	on Home
		Float	has not	reflecte	Page.
			started yet	d	
			or	on Home	
			auction is in		

	progress.	Page.	
	Invalid:		
	When		
	Auction Has		
	finished.		

Customer

Sr.no	Objective	Input Value	Valid/Invali d	Expected Result	Generate d Result
1.	Customer Registratio n	string	Valid: Unique Username and password. Invalid: Username already taken up	Customer login must open up on valid login. Else registratio n failure.	Customer login opens up on valid login. Else registratio n failure.
2.	Custom er Login	string	passed. Valid: Registere d Username and password	User home page must open up on valid login.	User home page opens up on valid login.

			Invalid: Invalid	Else Login	Else Login
			Credential	failure.	failure.
			s passed.		
3.	Custom	String	Valid:	Change	Change is
	er Post	,	When Bid	must be	reflected
	Bid	Intege	price is	reflected	on Auction
		r	higher	on	Board.
			than last	Auction	
			bid and	Board.	
			minimum		
			value.		
			Invalid:		
			When Bid		
			price is		
			less than		
			last bid		
			and		
			minimum		

	_	
	172 110	
	value.	

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.

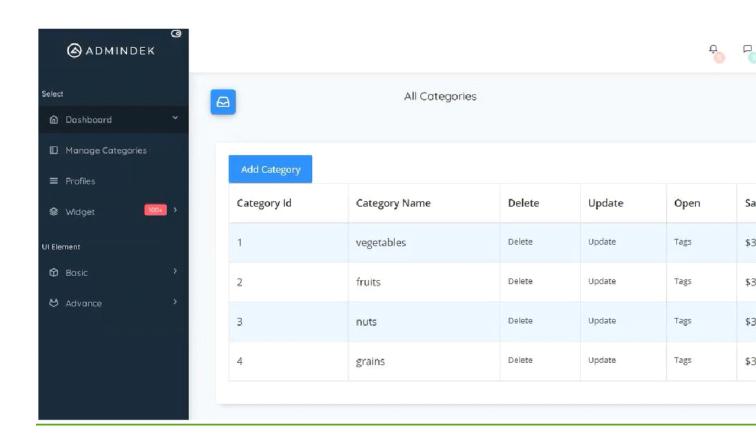
• Future

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.

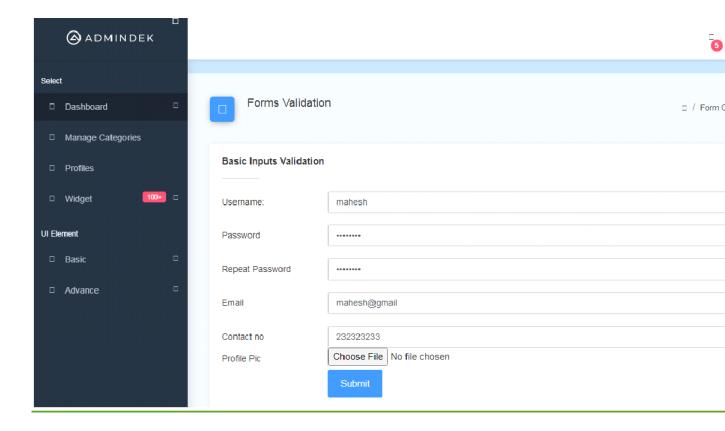
Screen Shots



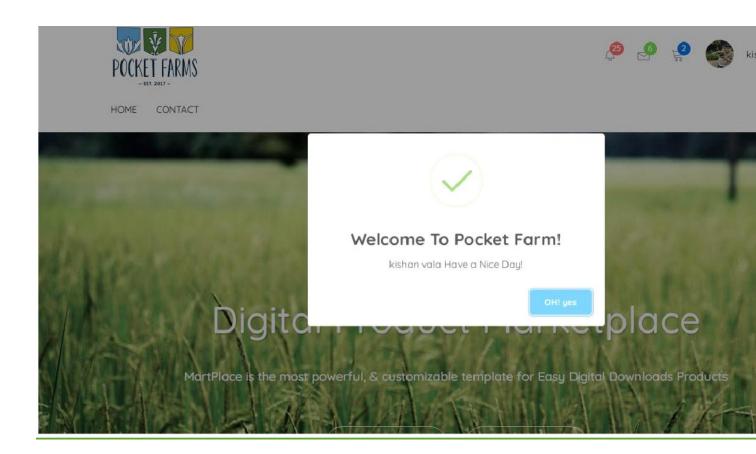




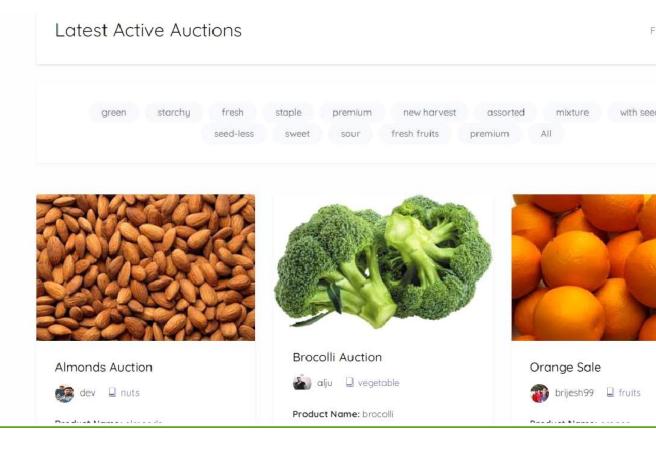
Update Profile (Personal)



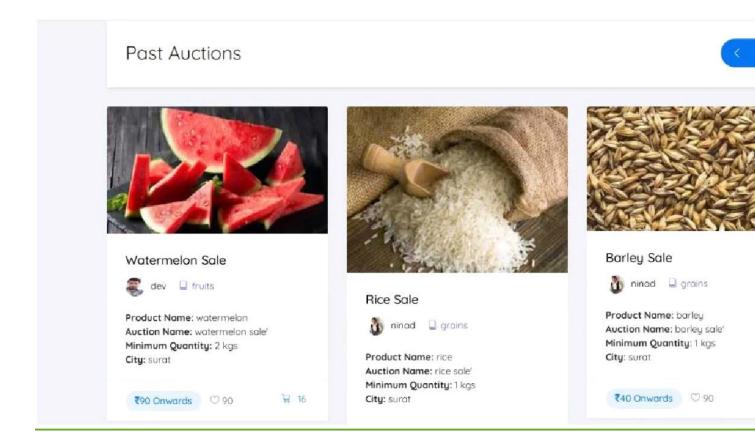




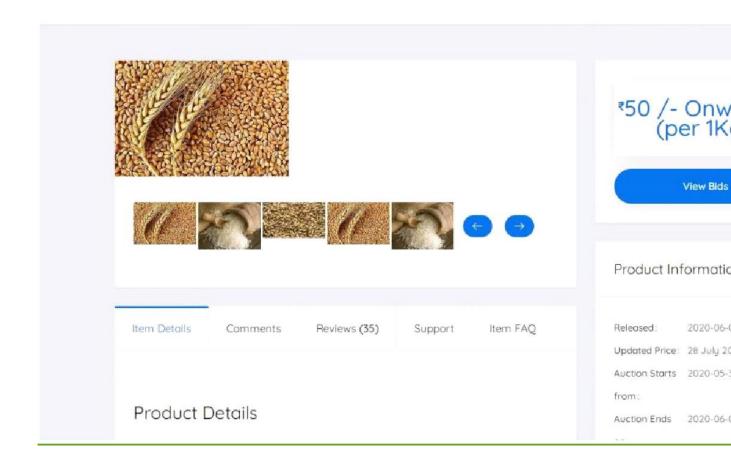
Active Auctions



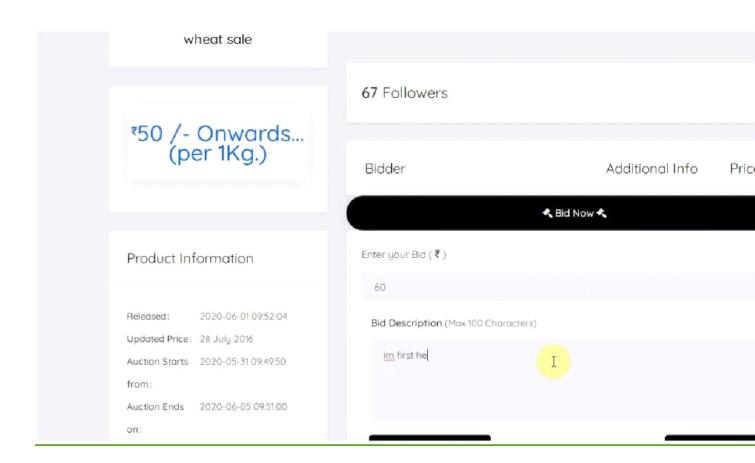
Past Auctions



View Product



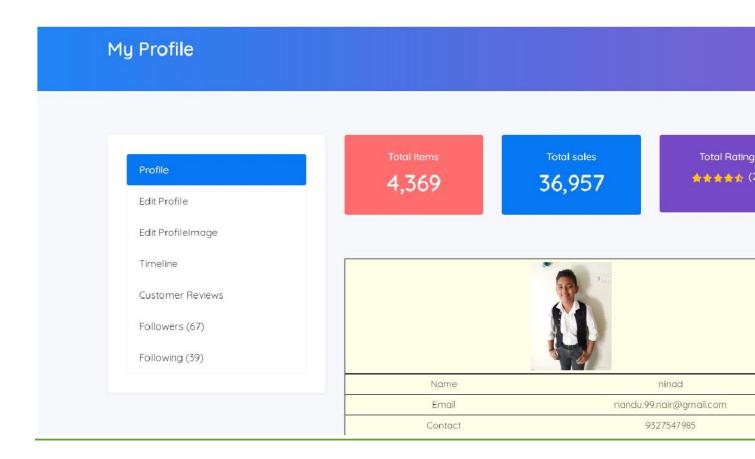
Bidding Page



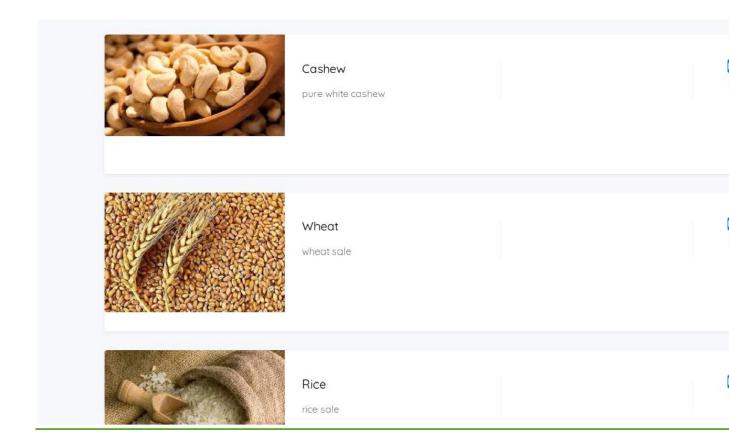
Post Auction(Farmer)

Auction Information		More Upload Info
Auction Title (Max 30 Characters) Enter your Auction title here		Nunc placerat mi id nisi inte mollis. Praesent pharetra, j
Starting Price ₹	Quantity (Kgs.) ମୁଁଦ୍ର	sceler isque the mattis, leo aliquet congue.
₹ Starting price		Consectetur elit, sed do elabore et dolore magna.
Auction Description (Max 100 Characters)		Consectetur elit, sed do e
Describe your auction here		Consectetur elit, sed do elabore et dolore magna. Consectetur elit, sed do elabore et dolore magna.
Upload Auction Images		- Consected on, sed do e

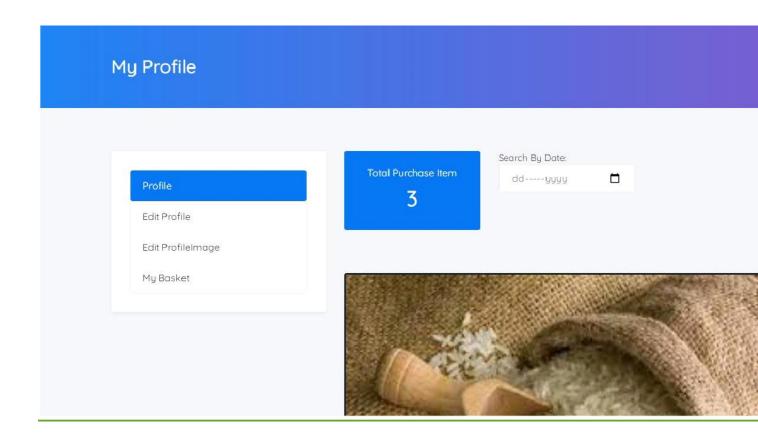
Edit Profile



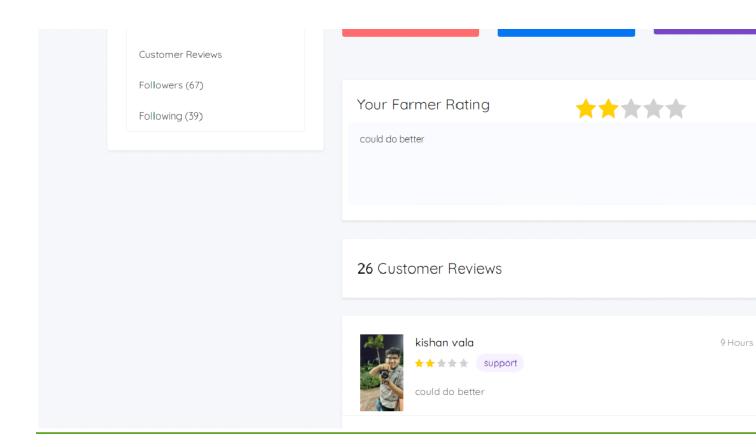
Edit Product



Customer Profile



Customer Reviews



Contact Us

Nandakrishnan Nair 9327547985

Kishan Vala 6353806014 MaheshPalSingh Jadon 8200168580 pocketfarmpvt@gmail.com

Transaction Statement through SMS

Department of ICT ,VNSGU, Vesu

⟨ BP-TLTEST

Delete

Tuesday, 9 June 2020

- We are sorry .. You didnt get any bidders for your product
- 2 11:31
- 200Rs. have been credited to your account. You had a Great Bussiness today...!
- 2 11:37

Wednesday, 10 June 2020

- We are sorry .. You didnt get any bidders for your product
- 2 09:42

Sunday, 14 June 2020

We are sorry .. You didnt get any bidders for your product

111

2 10:19

• References

www.wikipedia.com

www.w3layouts.com

https://www.geeksforgeeks.org/

www.w3schools.com

www.stackoverflow.com

www.quora.com