



DAFFODIL INTERNATIONAL UNIVERSITY

DHAKA, BANGLADESH

Online Gardening

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Summary

The project system will offer a variety of options. services to the people who like gardening or planting trees. All necessary services of trees will provide by this system. The system will help people to save our environment by planting trees. When someone will need to buy any tree or tools those are useful to make a garden, they can easily buy their desire trees or tools by using this system. Through the use of this system, people can make a garden easily and buy their necessary trees at any time from home. From any location they can use website to buy trees. Also, they can sell their trees to any customer. This system is mainly can be used for buying or selling trees. This will be very helpful for those who want to make a garden but because of time limitation they can't go to the tree shop.

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APPROVAL

This thesis titled on "ONLINE GARDENING", submitted by **Student Name:IMRAN HOSSAIN. (ID: 191-35-2778)** to the Department of Software Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of Bachelor of Science in Software Engineering and approval as to its style and contents.

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DECLARATION

I hereby declare that I have done this project under the supervision of Most Munira Tabassum

Lecturer, Department of Software Engineering, Daffodil International University. I also declare that this project is my original work for the degree of B.Sc. in Software Engineering and that neither the whole work nor any part has been submitted for another degree in this or any other university.

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Chapter 1 Introduction

1. Project Summary

"ONLINE GARDENING" This system will provide all kinds of gardening accessories to a person in any location any time. An instant service will be provided by this system. The system will help people to find their nearest gardening accessories. When someone will need a home delivery, "ONLINE GARDENING" system can be used to get support or backup easily. This system will provide services to the users by the seller. Seller will receive the request and find the requester by payment success message. There has to be some Online points, so that anyone can buy gardening product even in not coming to any nurse

1.1 Project Objectives

To create a platform that will every normal people find to reach maximum numbers of plantation. Their many educated people but not enough skillful in gardening, it will help people and nature at the same time to grow more. It will connect to the nature. Reducing social gap also a part of this.

Functionalities provide:

1 taka ACTi char . (Donations).

Make your own farm.

Will get offers for customer and seller(refund/discount/voucher).

Easy to use (log in, choose option, add cart, buy now, Payment method COD/online payment).

1.2 Context

To create a platform that everyone can buy or sell from home.

Can easily buy any type of plants.

To reach maximum number of Plantation.

To save climate and global warming.

Making an earning source at the same time making world healthy.

1.3 Advantages & Recipients

Mentally peace.

A big part of society will be covered by tree.

Provide enough oxygen.

It will increase confident and mental health.

Ensure good health and environment.

Becoming more skill full

Overall earning source will increase.

Can make more well-trained people to make job sector.

1.4 Participants

A Participants is an individual who can affect or be affected by an organization, strategy, or project. They may be internal or external, and can hold senior or junior positions. In this system, the stakeholders consist of providers and requesters.

- Admin
- Seller
- Customer

1.5 Service Modules

Used for user authentication is the login module.

Module for registration: used to manage system users

Service module: utilized for tasks pertaining to services

The requester module is used to manage the requester's data and particulars. Provider module: used to manage the provider's data and particulars

1.6 Project Timeline

Given the limited time, I must prepare a scheduling strategy assignment on time. Additionally, it communicating needs to done in a timely manner.

1.7 Gannt Diagram

Activities	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13	W14	W15	W16	W17	W18	W19	W20
Project Proposal																				
Requirements																				
Planning																				
Design																				
Development																				
Testing																				
Assessment																				
Documentations																				

Table: 01 Gannt Diagram

1.8 Goals

- There are many people are educated but not enough skill full (it will add a social skill)
- Can connect with nature.
- Reduce social gap.
- Visits can quickly and easily find the product and information.
- It's is site where can find garden product easily and useful for everyone. People can use this site for roof gardening.

Chapter 2 Software Specification of requirements

2.1 Functional Specifications

A system's functional requirements specify it or its components. They specify "What do you want the system to do?" Users specify functional requirements. These requirements must be met. They are recorded in use cases.

The following are the functional requirements of -

Sign up
Sign in
Search box
Type of product
Choice of Product
Add to cart
Upload to sell
Payment method
Update product Delete
product

2.2 Non-Functional Specification

Non-functional specifications specify the caliber capabilities of the apparatus. "What ought the apparatus to satisfy the functional prerequisites ?" Non-functional requirements are set by programmers or technical personnel These requirements must be satisfied. They are recorded as quality features.

Non-functional requirements are:

- Social media
- Verified ID
- Offline office

Chapter 3

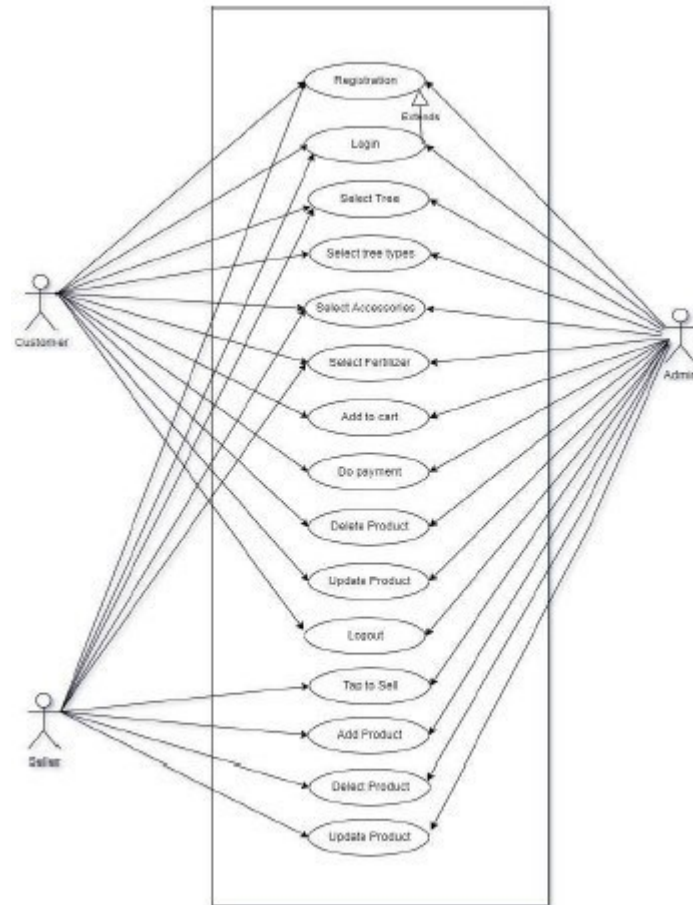
Requirements

3.1 Development Approach

We have used the iterative enhancement technique to construct the "ONLINE GARDENING" project. This model eliminates the waterfall model's drawback. When the project consists of multiple independent units that function independently of one another, these models perform admirably. Iterative enhancement and fast application are the two models that fall under the category of incremental process models. With the exception of allowing for multiple design iterations, the iterative enhancement paradigm is similar to the waterfall model. Following every cycle, a product is made available. The knowledge gained informs the subsequent cycle.

.

3.2 Use Case Diagram



3.2.1 Use Case Description

Registration

Registration Description	People need to get register in to the system and provide correct ID and password to log in to the system.
--------------------------	---

Login

Login Description	People need to get register in to the system and provide correct ID and password to log in to the system.
-------------------	---

Select Tree

Select trees Description	After log in users can select the trees option
--------------------------	--

Select fertilizer

Select fertilizer Description	After log in users select usable fertilizer
-------------------------------	---

Select accessories

Search accessories Description	After log in users select usable accessories
--------------------------------	--

Search Tree types

Search tree types description	User can find out right tree, what they finding.
-------------------------------	--

Add to Cart

Description	if user need to buy can add to the cart.
-------------	--

Select payment method

Description	User need to select payment method option for payment
-------------	---

Tap to sell Description

Description	User can sell product.
-------------	------------------------

Add product description

Description	User can add products in to the system.
-------------	---

Log out

Description	Using this module, you can log out and go.
-------------	--

3.3 Activity Diagram

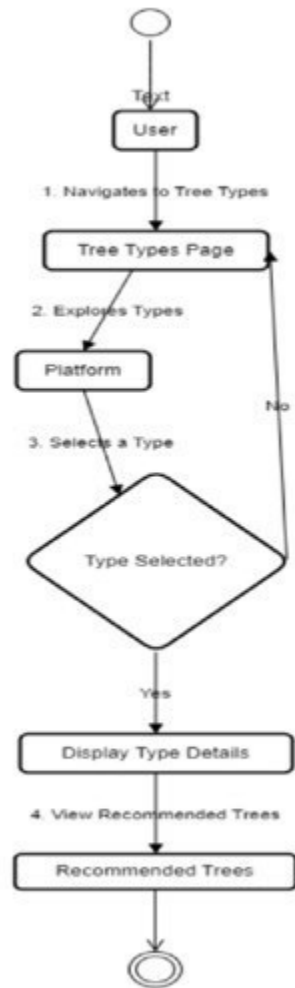
Registration



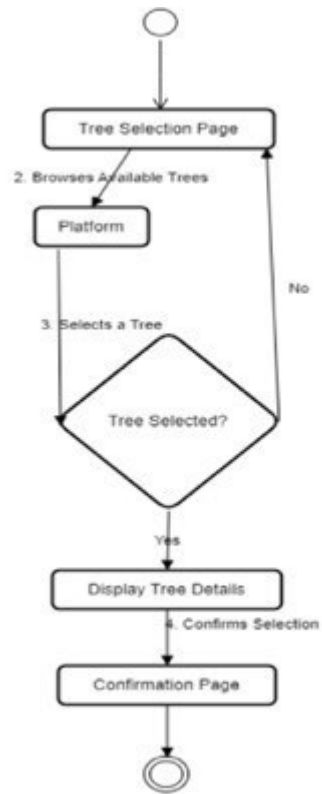
Login



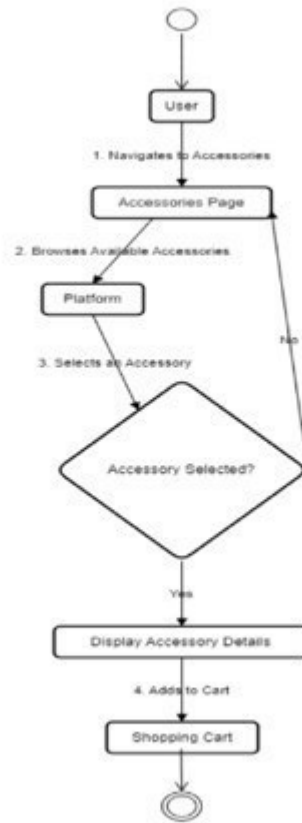
Select Tree



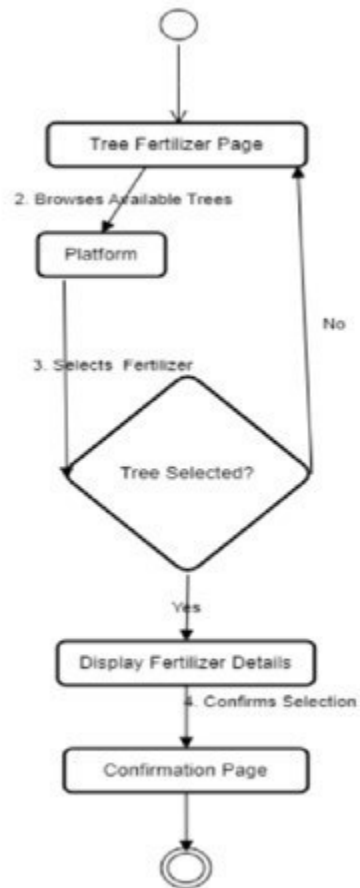
Tree type



Select Accessories



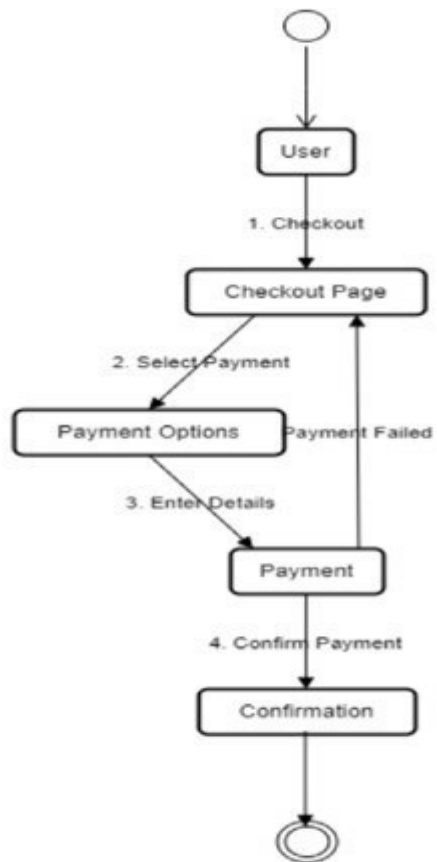
Select Fertilizer



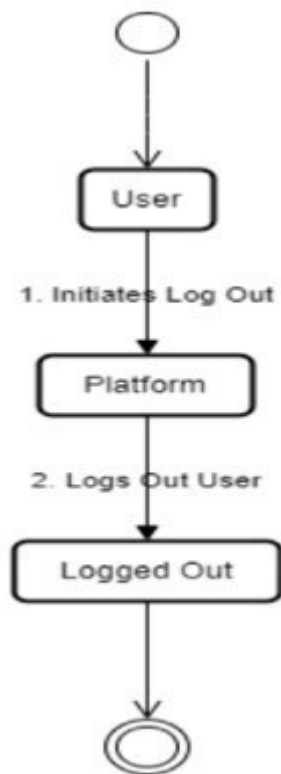
Add to Cart



Do Payment

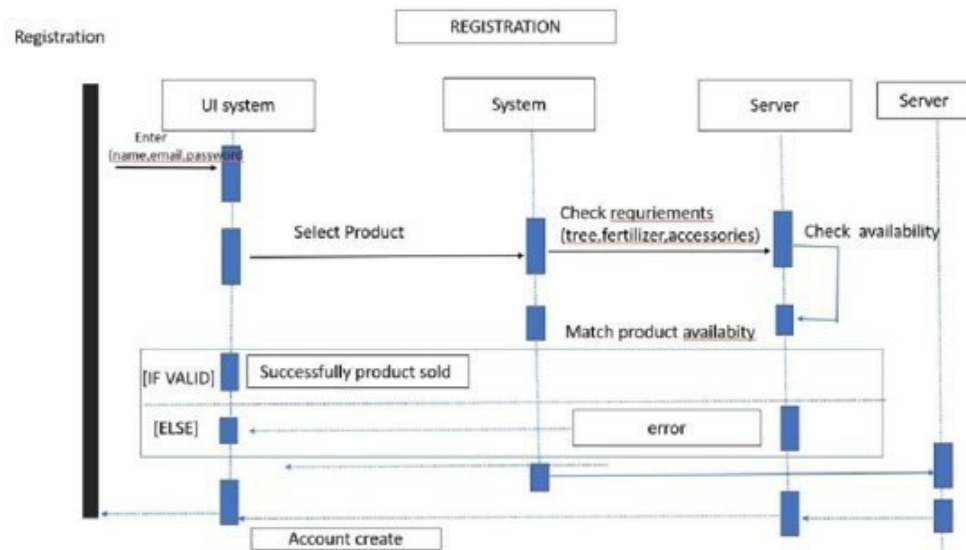


Log Out

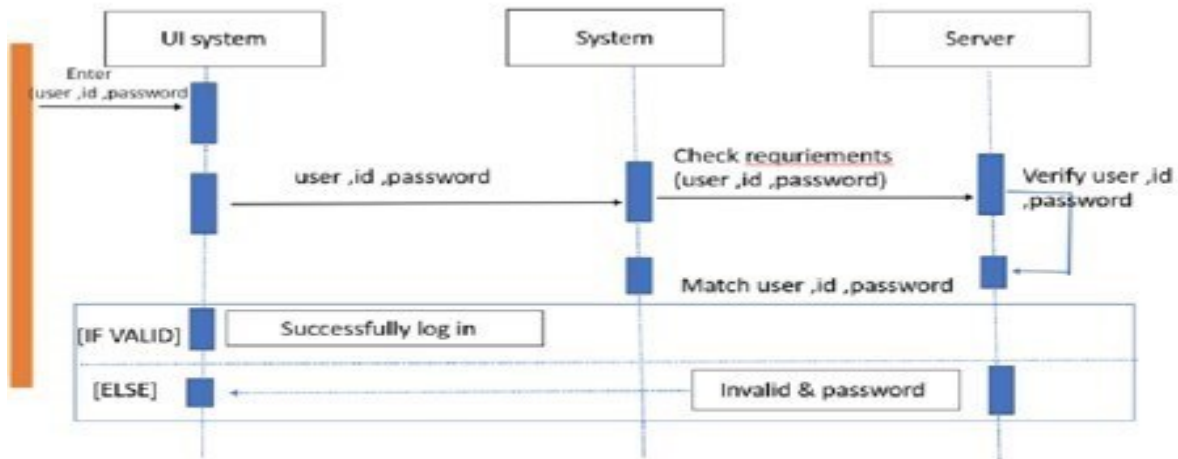


3.4 Sequence Diagram

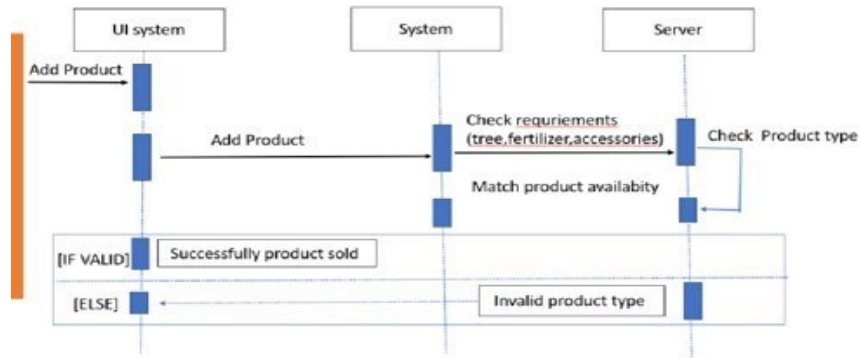
Registration:



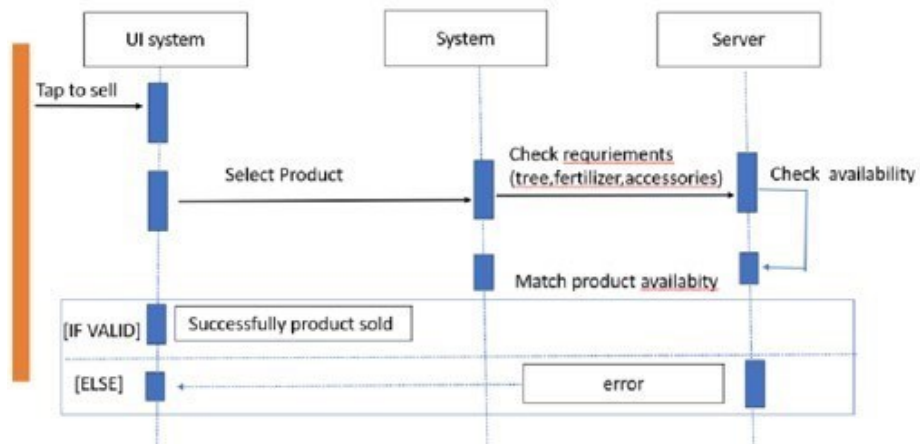
Login:



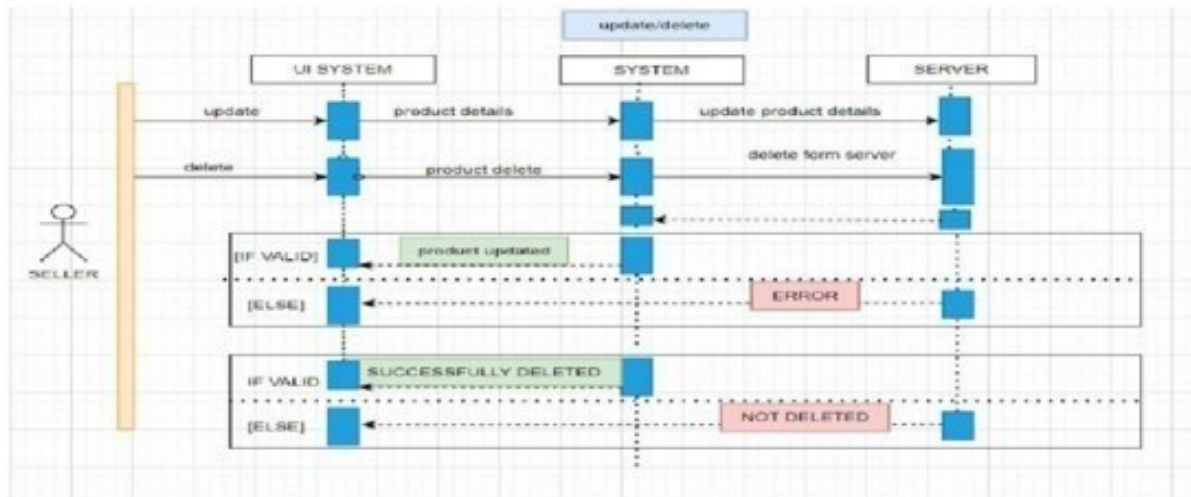
Product Add:



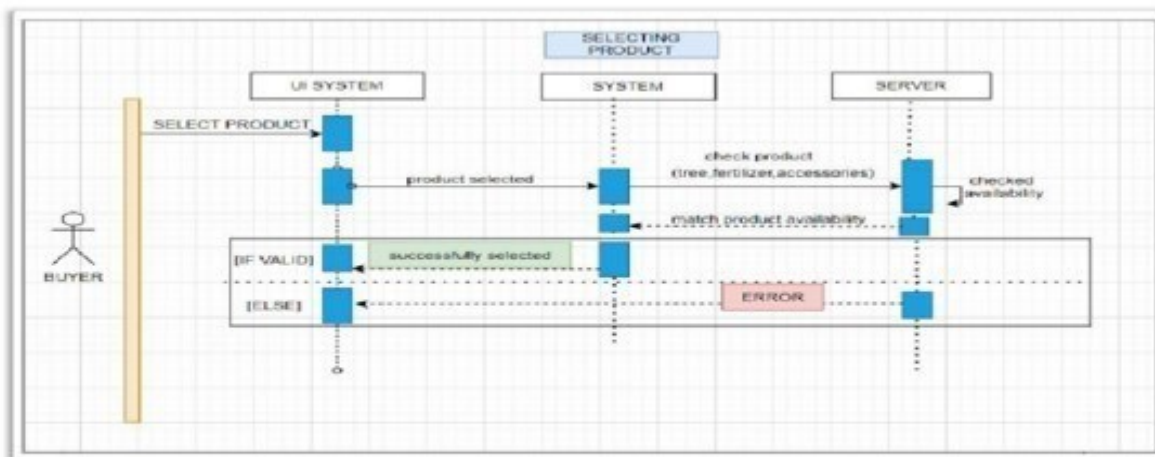
Product Sell:



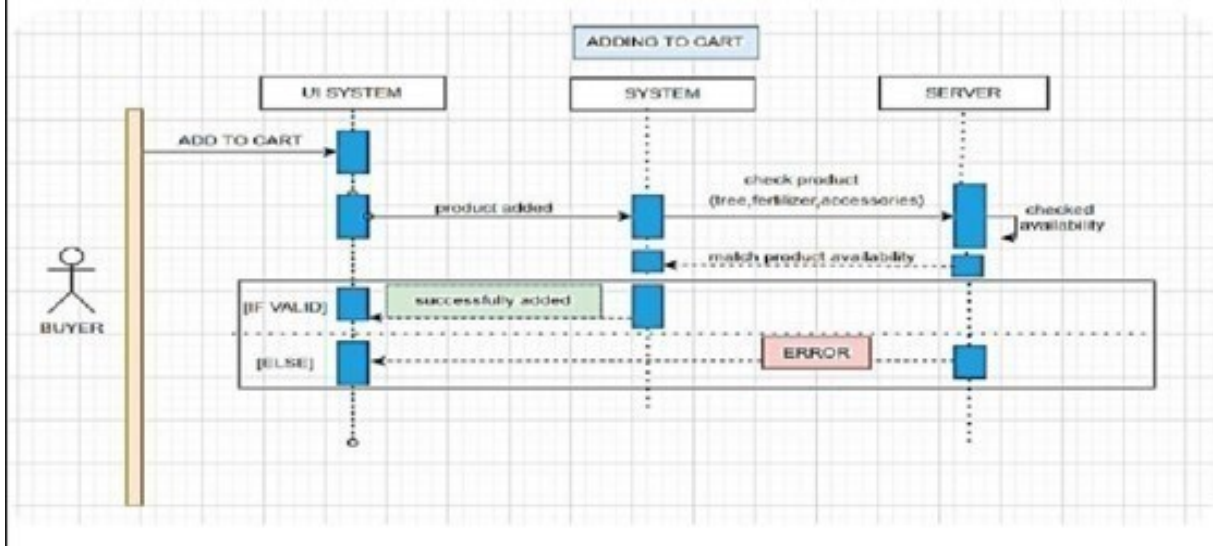
Update and Delete:



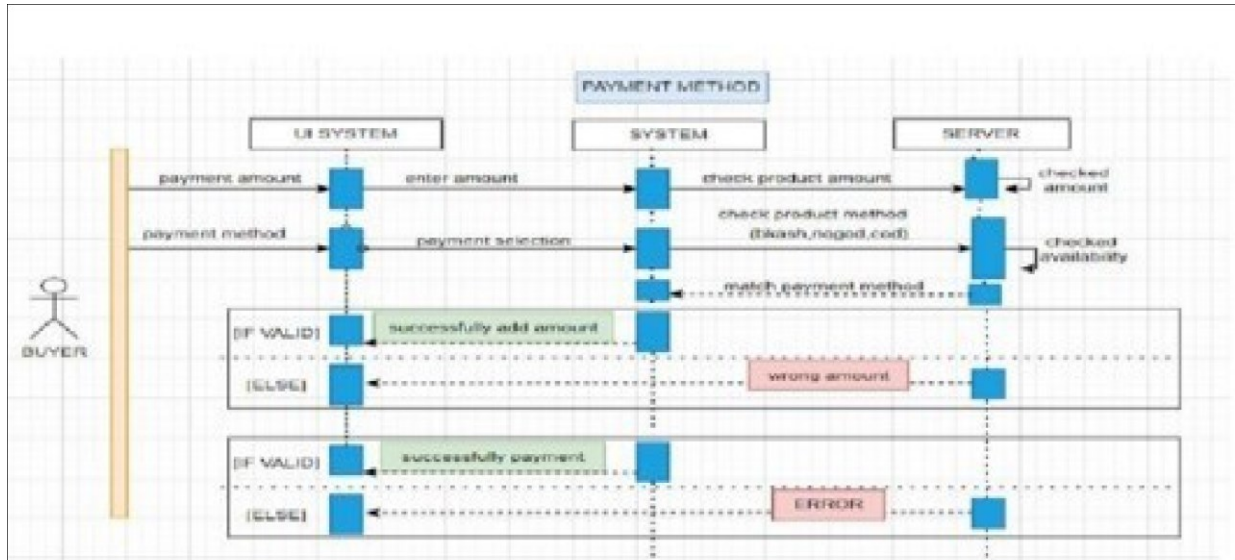
Select Product:



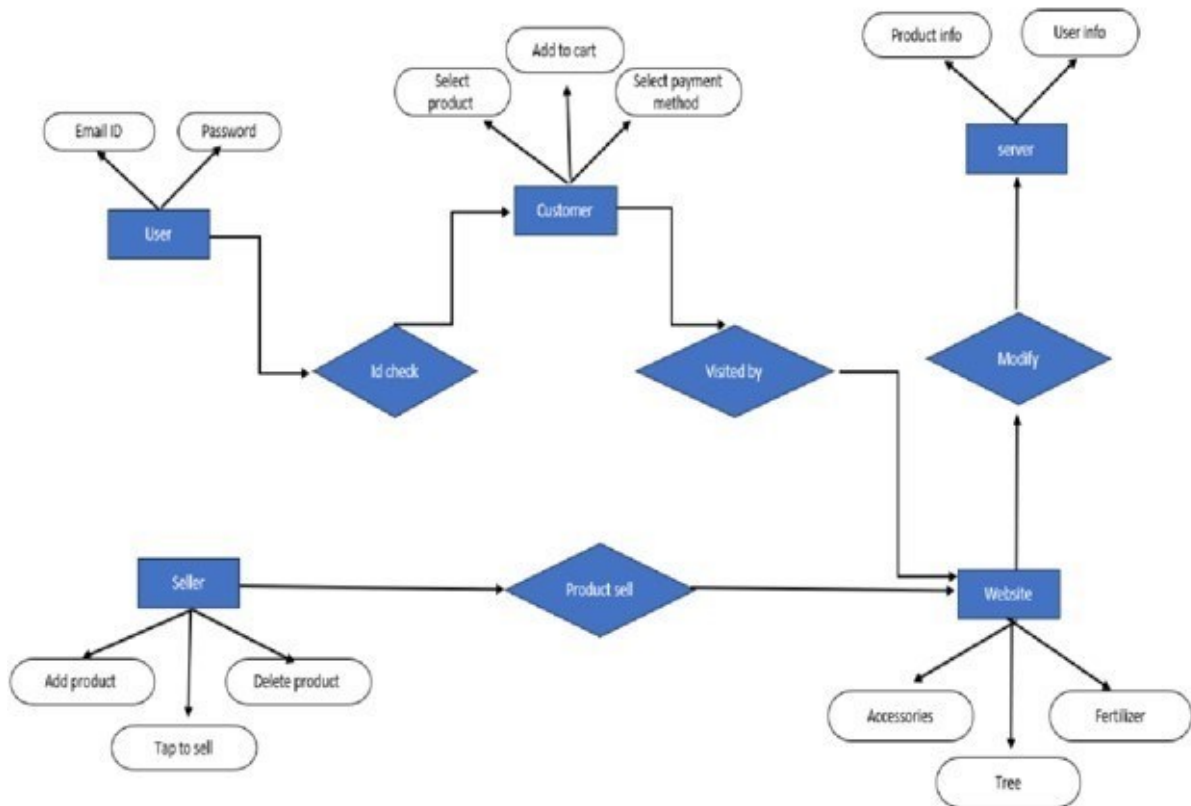
ADD TO CART:



Payment Method:



4. Entity-Relationship Diagram



Chapter 4 System Testing

4.1 Registration:



The image shows a web form titled "Create Account" with a blue header bar. The form contains several input fields, each with a label and a blue "X" icon on the right side of the input area. The fields are: "Full Name:" with a placeholder "New User Name"; "Username:" with a placeholder "New Username"; "Email:" with a placeholder "Email"; "Contact:" with a placeholder "0000000000"; "Address:" with a placeholder "Address"; and "Password:" with a placeholder "Password". Below these fields is a blue "Submit" button. At the bottom, there is a link that says "or Have an account? Login".

4.2 Login

Tree plantation Home About Contact Us Sign Up Login

Hi,
Welcome to **Tree Plantation**

Kindly login to continue.

Login

* Username:
abc

* Password:

Submit

or
[Create a new account.](#)

4.3 Home Page



4.4 About

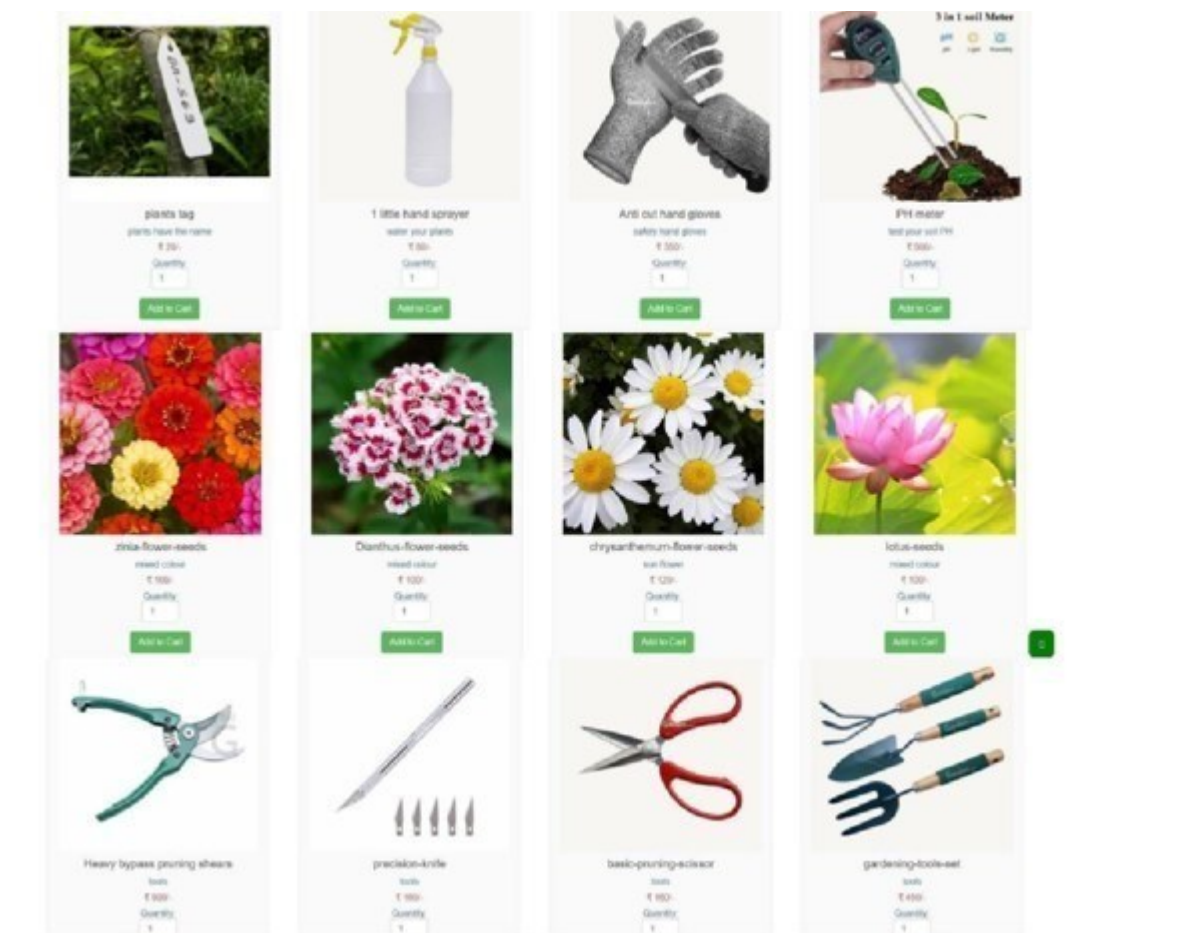
We do this in the interest of **saving the world**

Order tree from online, plant trees and save the environment.

You don't have to go out to buy trees.

We help you to buy the trees you need and plant more tree and save the planet.

4.5 Product



4.6 Seller

[Online Gardening](#) [Home](#) [About](#) [Contact Us](#) [Welcome to](#) **SELLER CONTROL PANEL** [Log Out](#)

Hello!

Manage Trees from here

[View Tree](#)
[Add Tree](#)
[Delete Tree](#)
[View Order Details](#)

Your tree list here.

Tree ID	Tree Name	Price	Description
11	plant tag	20	plants have the same
12	1 litre hand sprayer	80	water your plants
13	Anti cut hand gloves	350	safety hand gloves
14	pH meter	500	test your soil pH
15	zinnia flower seeds	100	mixed colour
16	Chamhu flower seeds	100	mixed colour
17	chrysanthemum flower seeds	120	sun flower
18	arbut-seeds	100	mixed colour
19	broccoli-seed	50	vegetables
20	Bombay monch seeds	30	sage milk
21	beans-seeds	30	vegetables

4.7 Add to Cart

Online Gardening
Home
About
Contact Us
Sign Up
Plans
Cart (0)
Log Out

Your Shopping Cart

Tree Name	Quantity	Price Details	Order Total	Action
1 litre hand sprayer	1	₹ 80	₹ 80.00	Remove
Dianthus flower seeds	1	₹ 100	₹ 100.00	Remove
Bamboo match seeds	1	₹ 20	₹ 20.00	Remove
basic pruning scissor	1	₹ 180	₹ 180.00	Remove
solubol-600w/fertiliser	1	₹ 120	₹ 120.00	Remove
1 litre hand sprayer	1	₹ 80	₹ 80.00	Remove
			Total	₹ 660.00

Empty Cart
Continue Shopping
Check Out

4.8 Contact us

Online Gardening
Home
About
Contact Us
Sign Up
Login

Do you want to contact with **Tree Plantation** ?
You can discuss with us in detail.

Contact

Name

Email

Mobile Number

Subject

Message

Max Character length : 150

Submit

Chapter 5

CONCLUSION

5.1 Tools and platforms

LANGUAGE	Htмл, CSS, Json, php
Front Section	HTML, CSS, and JSON
Back End	Php
Data Base	MySQL

5.2 Limitation

No SMS notification features

5.3 Future Directions

To create a platform that everyone can buy or sell from home. Can easily buy any type of plants.

To reach maximum number of Plantation.

To save climate and global warming.