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To identify the Software Project

Aim

To Frame a project team, analyze and identify a Software project

Team Members:

Sl No	Register No	Name	Role
1	RA1911003010139	Raj Srivastava	Lead
2	RA1911003010135	Pavithran K	Member
3	RA1911003010136	Benak Raj D	Member

Project Title: e-commerce / Article webpage

Project Description

- The terrace garden is an essential activity that has to be emphasised in order to promote the organic foods , it is a garden in which vegetables, flowers, and fruits are developed on terraces, balconies or roofs of buildings. The [kitchen garden](#), a normal in every Indian household, has to be shift to the roof due to constraints of space and is known as a terrace garden. Increasing pressure on land and escalating costs have added to its growing popularity.
- A roof garden is a garden on the roof of a building. Besides the decorative benefit, roof plantings may provide food, temperature control, hydrological benefits, architectural enhancement, habitats or corridors for wildlife, recreational opportunities, and in large scale it may even have ecological benefits.

Result:

Thus, the project team formed and the project is described

Create Business Case, Arrive at a Problem Statement

Aim:

To create a business case and Arrive at a Problem Statement for the e-commerce/article webpage.

Business Case

- ▶ Our main motive is to employ the farmers when they are not working , this system will use them as valuable resources to enhance the harvest output of the roof garden.
- ▶ This website will provide all the verified organic supplements necessary for roof gardening at a reasonable cost.
- ▶ We provide an expert solution for maintenance and protection of the roof garden from pest.
- ▶ This website performs as a multilingual platform for both consumers and farmers so that the client can understand easily!!!

Business Case and Project Charter

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1. Executive Summary

2. The terrace garden is an essential activity that has to be emphasised in order to promote the organic foods , it is a garden in which vegetables, flowers, and fruits are developed on terraces, balconies or roofs of buildings. The [kitchen garden](#), a normal in every Indian household, has to be shift to the roof due to constraints of space and is known as a terrace garden. Increasing pressure on land and escalating costs have added to its growing popularity.
3. A roof garden is a garden on the roof of a building. Besides the decorative benefit, roof plantings may provide food, temperature control, hydrological benefits, architectural enhancement, habitats or corridors for wildlife, recreational opportunities, and in large scale it may even have ecological benefits.

4. Strategic Business Context

4.1. Business Need

As a student, I need to give back to nature so that I can ensure the better future environment.

4.2. Business Outcomes

Our solution aims at achieving greener-better world, create market for organic products, and make sure the practise of agriculture are up to the mark.

5. Detailed Business Problem

5.1. Problem/Opportunity Statement

Environmental degradability and developing inorganic farming practises are the two main reason for developing this concept of terrace garden.

5.2. High Level Requirements

The terrace garden is an essential activity that has to be emphasised in order to promote the organic foods, it is a garden in which vegetables, flowers, and fruits are developed on terraces, balconies or roofs of buildings. The kitchen garden, a normal in every Indian household, has to be shift to the roof due to constraints of space and is known as a terrace garden. Increasing pressure on land and escalating costs have added to its growing popularity.

A roof garden is a garden on the roof of a building. Besides the decorative benefit, roof plantings may provide food, temperature control, hydrological benefits, architectural enhancement, habitats or corridors for wildlife, recreational opportunities, and in large scale it may even have ecological benefits.

5.3. Assumptions

<List and describe all the assumptions associated with the ability to address the key requirements. >

State assumptions that, for planning purposes, are considered to be true, real, or certain. These assumptions will be validated during the planning process. Inaccurate, inconsistent, or incomplete assumptions result in project risks.

S.No	Assumptions
1	Environmental degradation and pure air quality index is severe , so it will create a

	demand for the organic products in the market. Our system will meet all the requirements needed for setting up a terrace garden with expert advises.
--	--

5.4. Constraints

There is no much constraints in the system.

Major constraints include :

S.No	Category	Constraints
1	Financial	Clients should be convinced and awareness to be created to promote the culture of terrace garden
2	Validation of genuine products	Validating the genuine organic product is necessary as there is a chance of adulteration.

5.5. Dependencies

<Identify dependencies related to the overall business need, requirements, or solution.>

- Related projects requiring a deliverable from this project
- if this project requires a deliverable from a related project
- if this project will deliver a product, service or result that needs to be released along with another new product, service, or result

Dependency Description	Critical Date	Contact
Skilled farmers for technical support.		

5.6. Stakeholder Analysis

<Describe the stakeholder environment by considering the types of stakeholders, their specific roles, and their contributions to the realization of the investment>

Name	Designation	Role in Project
Raj Srivastava	Corporate Head for Sales & Marketing	Executive Sponsor
Pavithran	Chief Information Officer Or Regional Head of Sales & Marketing	Project Sponsor
Benak Raj	Finance Head	Cost Approver
Pavithran	Department Head(s)	Scope / Requirement Approver
Benak Raj	Business User(s)	Validate the functionalities

6. Detailed Analysis

6.1. Evaluation Criteria

<Define the evaluation criteria that will be used for screening and analysis of the options and will ultimately determine an overall recommendation.

See evaluation criteria types (deal breakers, minimum requirement, and non-essential) >

Evaluation Criteria	Deal Breakers (5)	Minimum Requirement (3)	Non-essential (1)	Score
Ease to setup and maintain terrace garden	Y	N	N	5
Reduces farmers from moving to non farming activities	y	n	n	5

6.2. Risks

<Describe the various attributes of each risk. Provide an option risk summary, It may be preferable to present the option risk summary for each option in a table format >

<< Risks which could be forecasted >>

Risk ID (#)	Risk Description	Risk Category [Low/Medium/High]	Risk Appetite [Accept/Mitigate/Transfer/Transfer]
R01	Rain water Saturation of the ground	LOW	
R02	Huge inputs of labour to construct and maintain	Medium	
R03	Providing a Secure payment gateway	Low	

7. Implementation & Governance

7.1. Required Skills

Skills	More Info
UX Designer	Designing experience of user
Frontend Development	Design and Develop UI and frontend layer
Backend Development	Design Database and Develop Service / API
Testing	Develop Test Cases
Project Management	Project Planning, Scheduling, Executing, Monitoring and Controlling

7.2. Milestone

Identify the significant points or events in the project. This table can also represent a high-level project schedule.

S.No	Project Milestone	Description	Expected Date
1	Communication, planning, Designing (UI/UX)	Developing a well explained interface for the users.	Mid-march 2021
2	Developing & testing	Testing the testcases and checking with the real life problems	By April end 2021

7.3. Change Management

Working similar to evolutionary process model helps to develop as per client requirement.

7.4. Performance Measurement

<Return on Investment to presented and agreed with sponsor >

Return in timeline	Return in INR	Investment (INR)	Remaining Investment
Return on 1 st year	1,00,000	5,00,000	4,00,000
Return on 2 nd year	3,00,000	7,00,000	4,00,000
Return on 3 rd year	10,00,000	3,00,000	7,00,000

<Indicate how the organization will measure performance for project implementation and benefits realization>

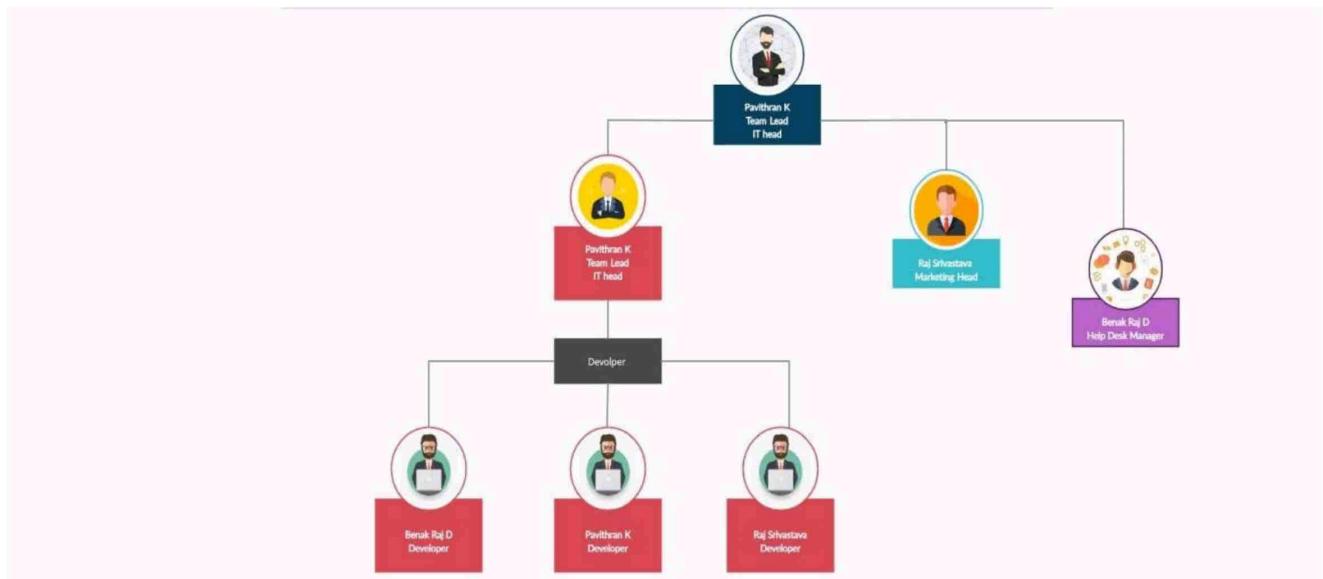
<Intangible benefits (brand value increase) to be documented>

8. Project Charter

8.1. Simplified Project Charter

Section	Details
Project Scope	Provide a high-level description of the features and functions that characterize the product, service, or result that is to be delivered by the project.
Project Schedule	Milestone and Deliverable
Project Cost	Project Cost (based on the resources requirement)
Constraints	Identify the specific constraints or restrictions that limit or place conditions on the project, especially those associated with the project scope (for example, a hard deadline, a predetermined budget, a set milestone, contract provisions, privacy or security considerations, etc.). Categorize the constraints if there are several.
ROI	
Intangible Benefit	<p>Brand Value Increase [Improve Safety of the car can change the perception about the brand]</p> <p>Government Recognition [Emission Control – New Engine , Electric Vehicle]</p>

8.2. Project Team Structure



8.2.1. Roles & Responsibilities

Project Role	Responsibilities	Assigned To
Project Steering Committee (Executive Sponsor)	Raj Srivastava	Review the progress and performance of project

Project Sponsor	Raj Srivastava	
Project Manager	Pavithran K	
Technical Lead	Pavithran K	
Business Analyst	Benak Raj D	
Developer	Raj Srivastava Pavithran K Benak Raj D	
Tester		Creating Test Plan and Develop Test Cases

8.3. Approval

Name	Designation	Role in Project	Signature
Sandhia G	Faculty -Incharge	Evaluator	

Reference

1. <https://www.pmi.org/>
2. <https://www.projectmanagement.com/>

Identification of Project Methodology and Stakeholder Description template

Aim

To identify the appropriate Process Model for the project and prepare Stakeholder and User Description.

Team Members:

Sl No	Register No	Name	Role
1	RA1911003010136	Benakraj D	Lead
2	RA1911003010135	Pavithran K	Member
3	RA1911003010139	Raj Srivastava	Member

Project Title: <TENTERA (E-commerce website-Professional gardening ,setup and care)>

Incorporate *Identification of Project Methodology and Stakeholder Description template*

Rapid Application Development (RAD) is a form of agile software development methodology that prioritizes rapid prototype releases and iterations. Unlike the Waterfall method, RAD emphasizes the use of software and user feedback over strict planning and requirements recording.

RAD enables low-code rapid application development through which business can roll-out new applications faster.

STAKEHOLDER's DESCRIPTION:

**Private investment Greenhouse developers, Housing companies
Housing coop, Food companies, Real estate developers Private investors**

DESIGN: Public investment, administration Housing office

CONSTRUCTION: Urban Rooftop Farming

CONSUMPTION:Citizens,Food companies / Food coops Environmental NGOS

PRODUCTION: Administration, Engineering, Builders Technical knowledge), Architects Urban designers (Expertise)
PROMOTION: Environmental education Environmental NGOS, Iconic support Administration, Dissemination Environmental NGO Real estate developers Media, Current professional producers Food companies/Food cope, Rooftop gardens Urban gardens, New producers Individual citizens Neighbors association .

Result

Thus the Project Methodology was identified stakeholders were described.

Project Methodology and Stakeholder Identification/Analysis

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1. Executive Summary

Usage of RAD (RAPID APPLICATION DEVELOPMENT) for software development and the primary stakeholders are architects/urban designers, real estate developers and environmental NGO's.

2. Selection of Methodology

Rapid Application Development (RAD) is a form of agile software development methodology that prioritizes rapid prototype releases and iterations. Unlike the Waterfall method, RAD emphasizes the use of software and user feedback over strict planning and requirements recording. RAD enables low-code rapid application development through which business can roll-out new applications faster.

2.1. Roles and Methods

SI No	Register No	Name	Role
1	RA1911003010135	Pavithran K	Lead
2	RA1911003010136	Benak Raj D	Marketing head
3	RA1911003010139	Raj Srivastava	Business Analyst

3. Stakeholder Management

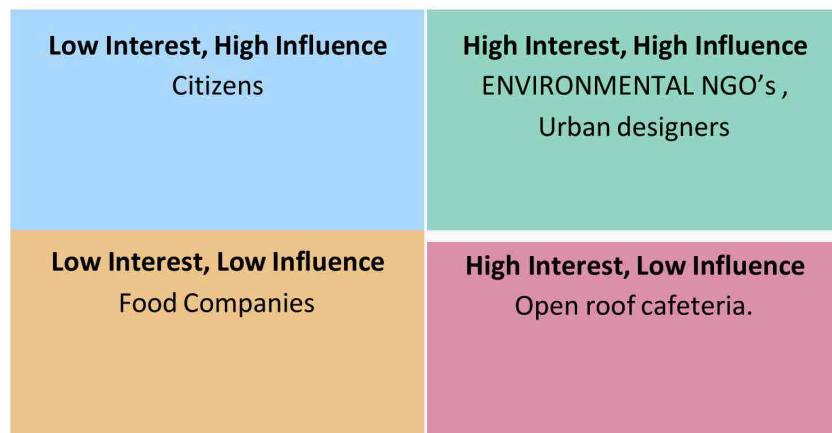
3.1. Identification of Stakeholders

Primary Stakeholders: architects/urban designers, real estate developers and environmental NGO's, people who love to grow o .

Secondary Stakeholders: Private investment Greenhouse developers, Housing companies, Housing co-op Food companies, Public investment Administration Housing office.

3.2. Interest and Influence matrix

Interest	Influence
High	High
Low	Low
Low	High
High	Low



Stakeholder Name	Activity / Area / Phase	Interest	Influence	Priority (High / Medium/Low)
Architects, Urban designers, NGO's	Promoting their projects like building with beautiful rooftop gardens etc.	High	High	1

3.3. Communication Plan for Stakeholders

Weekly updates

Meetings, whether in person, over the phone, or through video conferencing

Meeting summaries

Formal presentations

Surveys

To-do lists

Project dashboards

Collaboration apps, such as gmeet or skype or WhatsApp or zoom.

Reference

1. <https://www.researchgate.net/>

Infrastructure Requirements, Functional Requirements and Non-Functional Requirements

Aim

To Identify and document the Requirements of a Software system

Team Members:

SI No	Register No	Name	Role
1	RA1911003010135	Pavithran K	Lead
2	RA1911003010136	Benak Raj D	Member
3	RA1911003010139	Raj Srivastava	Member

REQUIREMENTS:

The main scope of the project is to provide professional gardening care and setup facility to encourage the organic based farming practise and provide assured organic product.

To cover over 1 Million Square Feet of rooftop space with Organic Farms, create Rooftop Farming, franchisees in all Cities of the Country, offer Skill Development and Employment Opportunity to unemployed rural youth, create Organic Homes, who enjoy Fresh Organic Vegetables from their rooftops. Offer our Products and Knowledge to agri-entrepreneurs in other countries for converting rooftops into organic farms and their respective cities.

FUNCTIONAL REQUIREMENTS

- Minimum steps to make a purchase
- Mobile-friendliness
- Unique, recognizable design
- Shipping & payment systems integration
- Live chat
- Warehouse

NON FUNCTIONAL REQUIREMENTS

- Usability
- Intuitiveness: how simple it is to understand the interface, buttons, headings, etc
- Security
- Reliability: Reliability defines how likely it is for the software to work without failure for a given period of time
- Availability: Availability is gauged by the period of time that the system's functionality and services are available for use with all operations.
- Scalability

Result:

Thus, the requirements are identified, collected and documented.

Project Scope and Requirements

Management

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1. Executive Summary

The main scope of the project is to provide professional gardening care and setup facility to encourage the organic based farming practise and provide assured organic product.

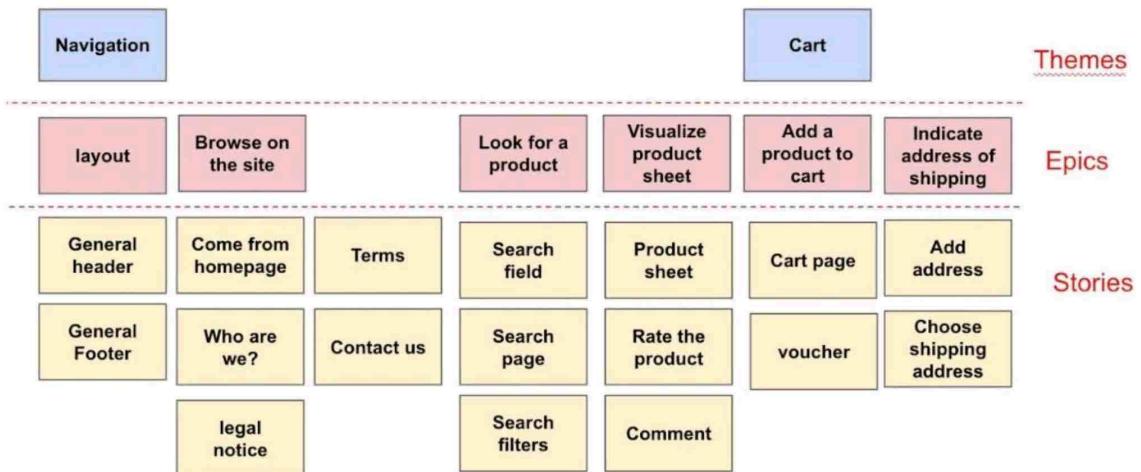
2. Project Scope

To cover over 1 Million Square Feet of rooftop space with Organic Farms, create Rooftop Farming, franchisees in all Cities of the Country, offer Skill Development and Employment Opportunity to unemployed rural youth, create Organic Homes, who enjoy Fresh Organic Vegetables from their rooftops. Offer our Products and Knowledge to agri-entrepreneurs in other countries for converting rooftops into organic farms and their respective cities.

S.No	Activities In Scope	Activities Out of Scope
1	Place order	Payment Integration
2	Contact us for setup	Warehouse setup
3	Article based on Organic farming activities,nature conservationist	Onsite consultancy

3. Epics [Major Functions]

Epic (#)	Epic Description
E1	Payment Integration
E2	Registration
E3	Order product
E4	Article based on Organic farming activities, nature conservationist



4. Requirements

4.1. Functional Requirements

Functional Requirements can also be expressed in the form of “user story” which is the smallest unit of work in an agile framework. It’s an end goal, not a feature, expressed from the software user’s perspective.

Requirement (#)	Requirement Specification	Department	Name of Business User	Status
E1FR1	Minimum steps to make a purchase			In Progress
E1FR2	Mobile-friendliness			In Progress
E1FR3	Unique, recognizable design			In Progress
E1FR4	Shipping & payment systems integration			
E1FR5	Live chat			

4.2. Non-Functional Requirements

Requirement (#)	Category of NFR	Requirement Specification	Department	Name of Business User	Status
NFR2	Performance	Search should be fast			
	Availability	Application should be available for 24x7 and good amount of products			
	Confidentiality				
	Compliance				

E1NFR2	Usability				
	Security				
	Traceability				
	Flexibility				
	Scalability				
E1NFR1	Extensibility	Ordering Service should be extensible to other countries			
	Interoperability				
	Reliability				
	Rapidity	Integrate Payment gateway			

4.3. Infrastructure Requirements

Requirement (#)	Requirement Specification	Department	Name of Business User / Project Team Member	Status
IR1	Firebase cloud service		Pavithran K	In Progress
IR2	Github		Pavithran K, Raj Srivastava	In Progress
IR3	Firebase		Benak Raj D	In Progress
IR4	IDE – visual studio code		Pavithran K, Raj Srivastava, Benak Raj D	In Progress

4.4. Requirement definition in Agile [Optional ... Use according to methodology chosen by student]

User story is the smallest unit of work in an agile framework. It's an end goal, not a feature, expressed from the software user's perspective.

User Story	Acceptance Criteria	Size of User Story
As customer, I can view all the products available and place	View all products with short delivery time.	Small / Medium

order	Allow to choose required products Allow to place on order	
Provide required details such as name,email id,address..etc	Store and manage data securely Contact the user on time and provide the complete guidance.	Small/medium/big

Reference

1. <https://uy.stackexchange.com/questions/115627/story-mapping-how-to-write-initial-epics-and-user-stories>

Prepare Project Plan based on scope, Find Job roles and responsibilities, Calculate Project effort based on resources

Aim: To Prepare Project Plan based on scope, Find Job roles and responsibilities, Calculate Project effort based on resources

Team Members:

SI No	Register No	Name	Role
1	RA1911003010135	Pavithran K	Lead
2	RA1911003010136	Benak Raj D	Member
3	RA1911003010139	Raj Srivastava	Member

Project Plan Scope:

The main scope of the project is to provide professional gardening care and setup facility to encourage the organic based farming practise and provide assured organic product.

To cover over 1 Million Square Feet of rooftop space with Organic Farms, create Rooftop Farming , franchisees in all Cities of the Country, offer Skill Development and Employment Opportunity to unemployed rural youth, create Organic Homes, who enjoy Fresh Organic Vegetables from their rooftops. Offer our Products and Knowledge to agri-entrepreneurs in other countries for converting rooftops into organic farms and their respective cities.

JOB ROLES AND RESPONSIBILITIES:

Name	Role	Responsibilities
Sandhia.G	Key Business User (Product Owner)	Provide clear business and user requirements
K. Pavithran	Project Manager	Manage the project
Raj Srivastava	Business Analyst	Discuss and Document Requirements
K. Pavithran	Technical Lead	Design the end-to-end architecture
Benak Raj D, Raj Srivastava	UX Designer	Design the user experience
Pavithran K	Frontend Developer	Develop user interface
Benak Raj D	Backend Developer	Design, Develop and Unit Test Services/API/DB
Raj Srivastava	Cloud Architect	Design the cost effective, highly available and scalable architecture
Raj Srivastava, K. Pavithran, Benak Raj D	Tester	Define Test Cases and Perform Testing

Resource Calculation:

- Schedule of the project = 20 days
- Cost of the project = 100 man days
- Standard working day = 7.5 hours
- Standard 5 day working week = 37.5 hours
- Weekly resource productivity rating 80% = 30 hours (4 days)
- Single resource productivity during the schedule = 16 days

- Cost of the project divided by resource productivity = 6.25 human resources

Result:

Thus, the Project Plan was documented successfully.

Project Management Plan, Effort and Cost Estimation and Team Formation

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1. Executive Summary

To cover over 1 Million Square Feet of rooftop space with Organic Farms, create Rooftop Farming, franchisees in all Cities of the Country.

To offer skill development and employment Opportunity to unemployed rural youth, create Organic Homes, who enjoy Fresh Organic Vegetables from their rooftops. Offer our Products and Knowledge to agro-entrepreneurs in other countries for converting rooftops into organic farms.

2. Project Management Plan

A third-party financial firm, is responsible for monitoring financial expenditures.

Mrs.Sandhya G ma'am will oversee all the aspects of planning and progress of our projects, to analyse the nature of delays and to optimize the execution of every project in each phase.

Separate team is formed in order to train and recruit skilled labours.

Stakeholder meeting held at regular interval and discuss about the progress and cost estimation.

Focus Area	Details
Integration Management	Governance Framework Project Team Structure Roles & Responsibilities of Team Change Management (Change Control, Issue Management) Project Closure
Scope Management	Scope Statement Requirement Management (Gathering, Control, Assumption, Constraint Stakeholder) Define Deliverable Requirement Change Control Activities and Sub-Tasks
Schedule Management	Define Milestones Schedule Control
Cost Management	Estimate Effort Assign Team Budget Control
Quality Management	Quality Assurance: Quality assurance will be managed including governance, roles and responsibilities, tools and techniques and reporting Quality Control: Specify the mechanisms to be used to measure and control the quality of the work products
Resource Management	Estimate and Manage the need

	People: People & Skills Required Finance: Budget Required Physical: Facilities, IT Infrastructure
Stakeholder	Identifying, Analyzing, Engaging Stakeholders
Communication Management	Determine communication requirements, roles and responsibilities, tools and techniques. [Type of Communication, Schedule, Mechanism Recipient]
Risk Management	Identifying, analysing, and prioritizing project risks
Procurement Management	Adhering to organization procurement process

3. Estimation

3.1. Effort and Cost Estimation

WBS	Activity	Activity Description	Sub-Task	Sub-Task Description	Effort (in hours)	Cost in INR	
E1FR1	E1R1A1	Design the user screen	E1R1A1T1	Frontend using HTML,CSS,JS	4	Full Stack:80k FrontEnd:40k BackEnd:60k	
			E1R1A1T2	Web maintenance	4	10k	
			E1R1A1T3	Customer Care	20	15k	
		Identify Data Source and marketing		Advertising	8	1l	
				Documentation	3	10k	
Effort (hr)		Cost (INR)					
1		500					

3.2. Infrastructure/Resource Cost [CapEx]

Infrastructure Requirement	Qty	Cost per qty	Cost per item
IR1	5	150000	7500000
IR2	1	10000	10000

4. Maintenance and Support Cost [OpEx]

Category	Details	Qty	Cost per qty per annum	Cost per item
People	Network, System, Middleware and DB admin Developer , Support Consultant	1	1,000,000	1,000,000
License	Operating System Database Middleware IDE	4	10	40,000
Infrastructures	Server, Storage and Network	10	10000	100,000

5. Project Team Formation

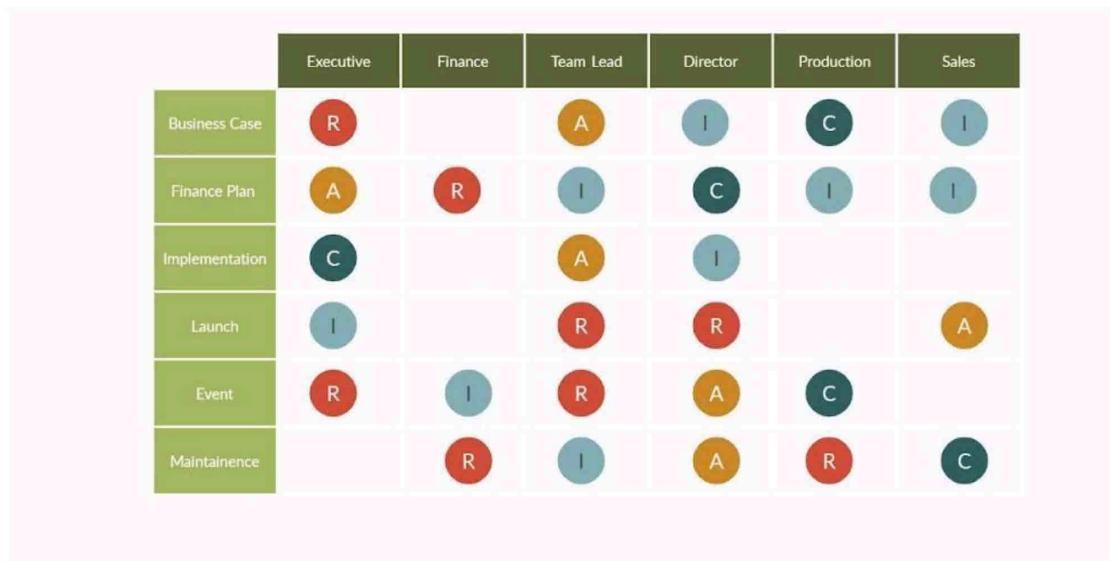
5.1. Identification Team members

Name	Role	Responsibilities
Sandhia.G	Key Business User (Product Owner)	Provide clear business and user requirements
K. Pavithran	Project Manager	Manage the project
Raj Srivastava	Business Analyst	Discuss and Document Requirements
K Pavithran	Technical Lead	Design the end-to-end architecture
Benak Raj D, Raj Srivastava	UX Designer	Design the user experience
Pavithran K	Frontend Developer	Develop user interface
Benak Raj D	Backend Developer	Design, Develop and Unit Test Services/API/DB
Raj Srivastava	Cloud Architect	Design the cost effective, highly available and scalable architecture
Raj Srivastava, K. Pavithran, Benak Raj D	Tester	Define Test Cases and Perform Testing

5.2. Responsibility Assignment Matrix

RACI Matrix		Team Members			
Activity	Pavithran K (BA)	(Developer) (Benak,Raj Pavithran)	(Project Manager)	Key Business User	
User Requirement Documentation	R	C/I	A	I	
Finance Plan	A	R	I	I	
Implementation	C		A		
Deployment	I		R		
Event meeting	R	I	R	R	
Maintainance		R	I	I	

A	Accountable
R	Responsible
C	Consult
I	Inform



Reference

1. <https://www.pmi.org/>
2. <https://www.projectmanagement.com/>
3. <https://www.tpsgc-pwgsc.gc.ca/biens-property/snpg-npms/ti-it/ervcpgrm-dsfvpmpmt-eng.html>

Prepare the Work, Breakdown Structure based on timelines, Risk Identification and Plan

Aim

To Prepare the Work, Breakdown Structure based on timelines, Risk Identification and Plan

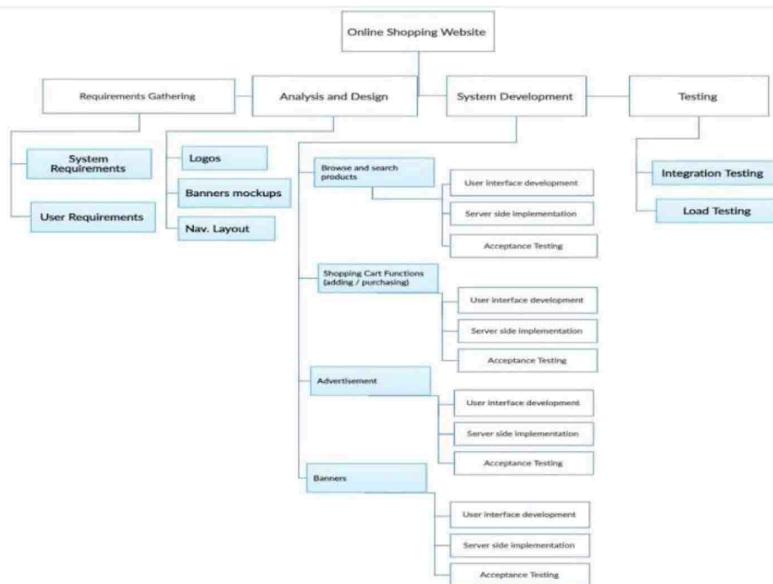
Team Members:

SI No	Register No	Name	Role
1	RA1911003010135	Pavithran K	Lead

2	RA1911003010136	Benak Raj D	Member
3	RA1911003010139	Raj Srivastava	Member

Requirements

WBS:



RISK DESCRIPTION:

Risk Description	Impact Description
Manage huge networks of clients suppliers , Warehouse maintenance etc.	Results imbalance in company workflow further it may lead to huge loss.
Security	Data will be at high risk
Govern and supervise the work of professionals	Organisation may lose its valuable customer and reputation.
Transaction Failure	Make sure the amount is refunded and query is solved

Result:

Thus, the WBS and Risk Plan was documented successfully.

WBS and Risk Management Plan

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3.2. Managing Risk	2
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1. Executive Summary



WBS With Project Schedule:

Summary of milestone, target date , detailed Schedule and risk management

Risk Identification:

Risk should be categorized So action can be derived to address these risks could become an issue in future

SWOT Analysis:

SWOT Analysis strategic planning technique
[Strength/Weakness/Opportunity/Threat]

2. WBS With Project Schedule

Module (#)	Activity (#)	Sub-Task(#)	Assignee(s)	Planned Start Date	Planned End Date	Actual Start Date	Actual End Date	Status
M01	Frontend development	UX/UI Designing	Raj Srivastava	15-feb-2021	17-feb-2021	15-feb-2021	18-feb-2021	DONE
		Coding	Raj , Pavithran , Benakraj	19-feb-2021	24-mar-2021	19-feb-2021	-	PENDING
M02	Backend development	Planning/ Discussion	Pavithran , Benakraj	20-mar-2021	25-apr-2021	-	-	PENDING
		Coding	Pavithran ,	1-apr-	28-may-	-	-	PENDING

			Benakraj	2021	2021			
M03	Integration	Deployment / Hosting	Benakraj	1-may-2021	2-may-2021	-	-	PENDING
		Testing	Benakraj , Pavithran , Raj srivastava	2-may-2021	3-may-2021	-	-	PENDING

3. Risk Identification

- Structured Brainstorming with team and stakeholders
- Checklist is a list of actions/points to be considered [Information can be used from the similar previous projects]
- Risk can be identified from
 - Assumption-Constraint analysis
 - SWOT Analysis [Strength/Weakness/Opportunity/Threat]

3.1. List (Describe) Register

<Issue can potentially occur in future and list all risks identified >

Risk ID (#)	Risk Description	Impact Description
R01	Manage huge networks of clients suppliers , Warehouse maintenance etc.	Results imbalance in company workflow further it may lead to huge loss.
R02	Security	Data will be at high risk
R03	Govern and supervise the work of professionals	Organisation may lose its valuable customer and reputation.
R04	Transaction Failure	Make sure the amount is refunded and query is solved

3.2. Managing Risk

<Risk should be categorized So action can be derived to address these risks could become an issue in future>

Risk ID (#)	Status [Open / Closed]	Risk Appetite [Accept/ Mitigate/ Transfer/Avoid]	Action	Action Owner	Target Date	Remarks
R01	Closed	Avoid	Manage	Procurement		Out of of

			data of users efficiently	managers		scope risks aren't solved
R02	Open	Transfer	Purchase third party Security Policy	Agency risk managers, Information security professional		Cost breakdown structure should be governed
R03	Open	Avoid	Admin Head	HR		Out of scope risks aren't solved
R04	Open	Accept	Financial dept	FM		Out of scope risks aren't solved

Reference

1. <https://www.pmi.org/>

Design a System Architecture, Use Case Diagram, ER Diagram

(Database), DFD Diagram (process), Class Diagram, Sequence Diagram

Aim

To prepare architecture and design of the system

Team Members:

Sl No	Register No	Name	Role
1	RA1911003010135	Pavithran K	Lead
2	RA1911003010136	Benak Raj	Member
3	RA1911003010139	Raj Srivastava	Member

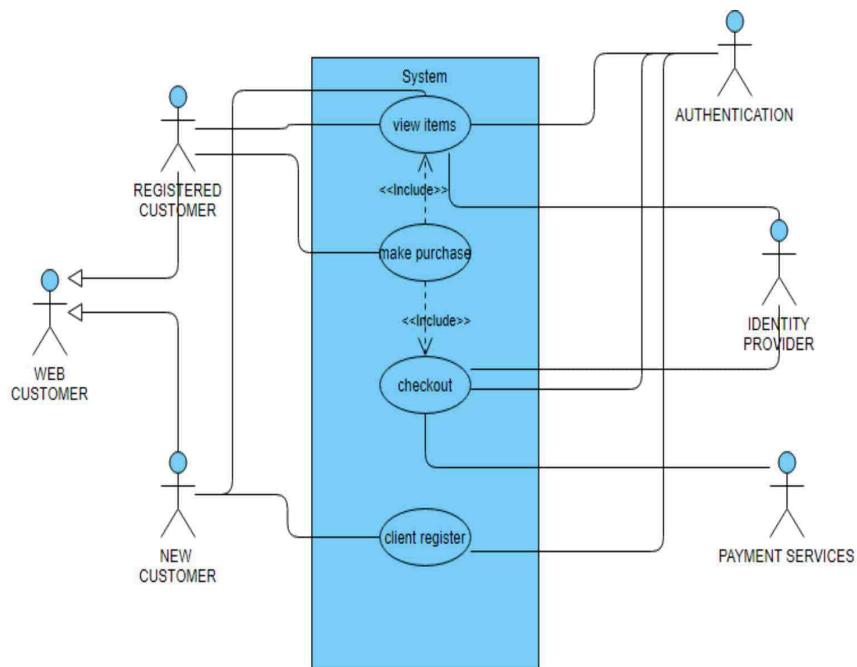
Software Used

Star UML, Rational Rose, Etc...

Use Case Diagram With Description

The Admin side use case describe the functionality of Admin, Admin is a owner of the website. Admin can first add category of item and then add items by category wise. and admin can manage order and payment detail.
Customer: Can search for organic products, look for professional setup and maintenance.

ER Diagram With Description (optional)

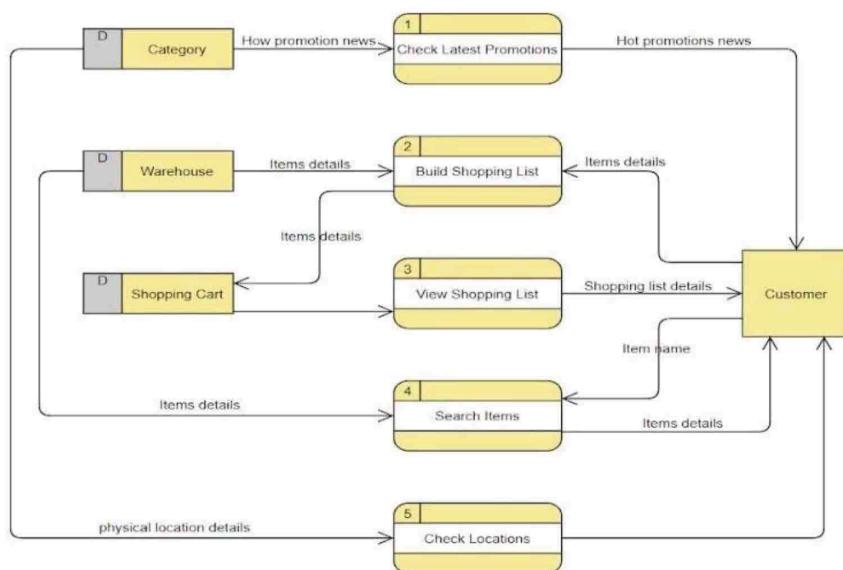
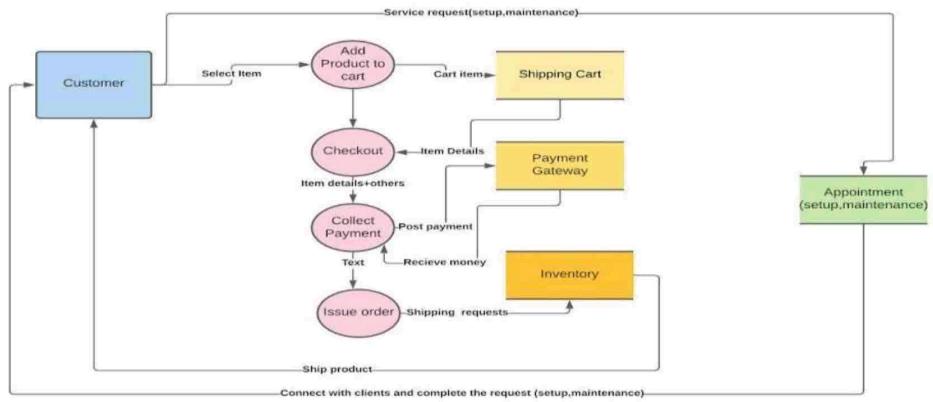


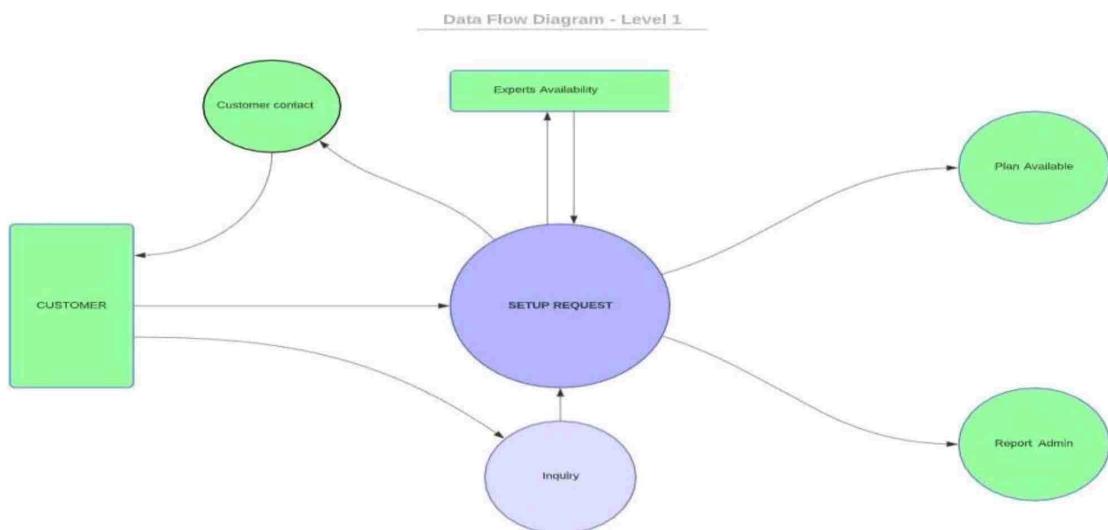
DFD Diagram (process) With Description

The Admin side dfd describe the functionality of Admin, Admin is a owner of the website. Admin can first add category of item and then add items by category wise. and admin can manage order and payment detail. Customer: Can search for organic products, look for professional setup and maintenance.

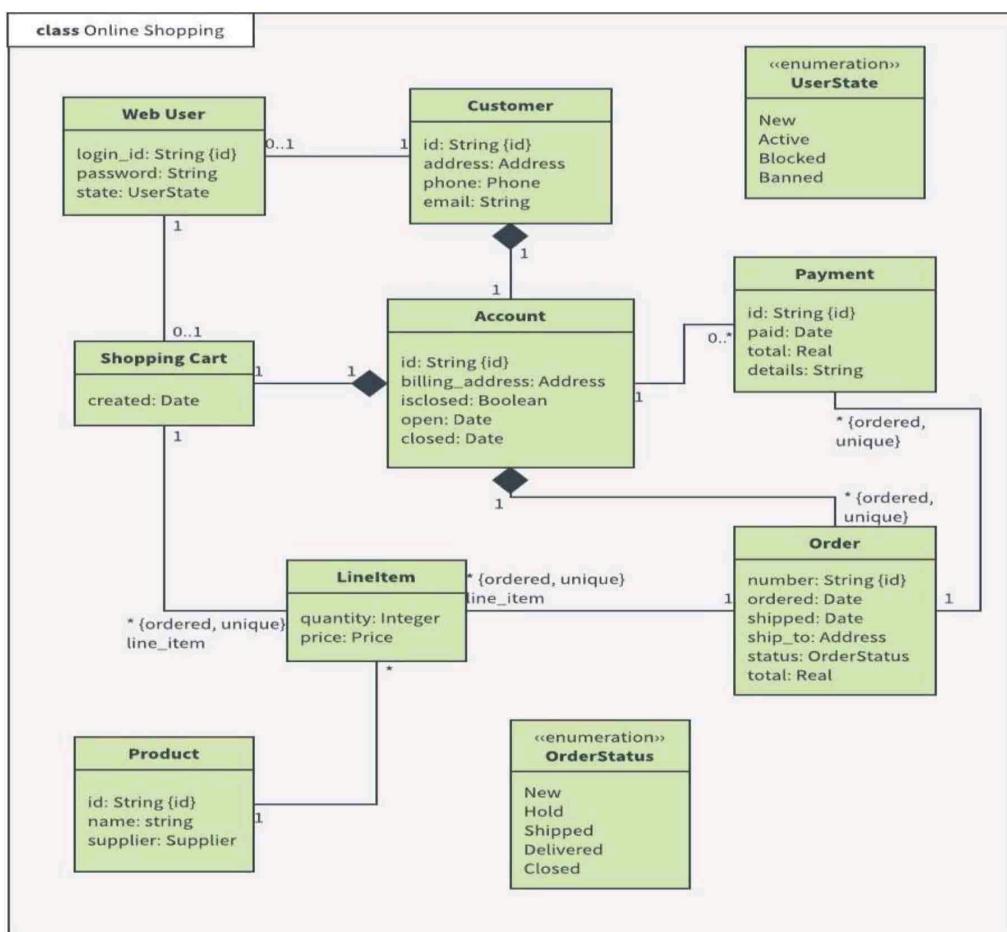
Class Diagram (Applied For OOPS based Project),

LEVEL 0 DATA FLOW DIAGRAM





CLASS DIAGRAM:



Communication starts with 1 *: line_item() - iterative message which could be repeated some unspecified number of times. Client searches inventory of books, and if he/she is interested in some book he/she can view description of the book (1.2 [interested]: organic_products()). If client decides to buy, he/she can add items to the shopping cart - 1.3 [decided to buy]: add_to_cart(). Checkout includes getting list of items from shopping cart, creating order, and updating inventory, if order was completed.

Result:

Thus, architecture and design of the system was documented successfully.

Design State , Collaboration, Deployment Diagram, Sample Frontend

Design (UI/UX)

Aim

To Design State, Collaboration, Deployment Diagram, Sample Frontend Design (UI/UX) for the project.

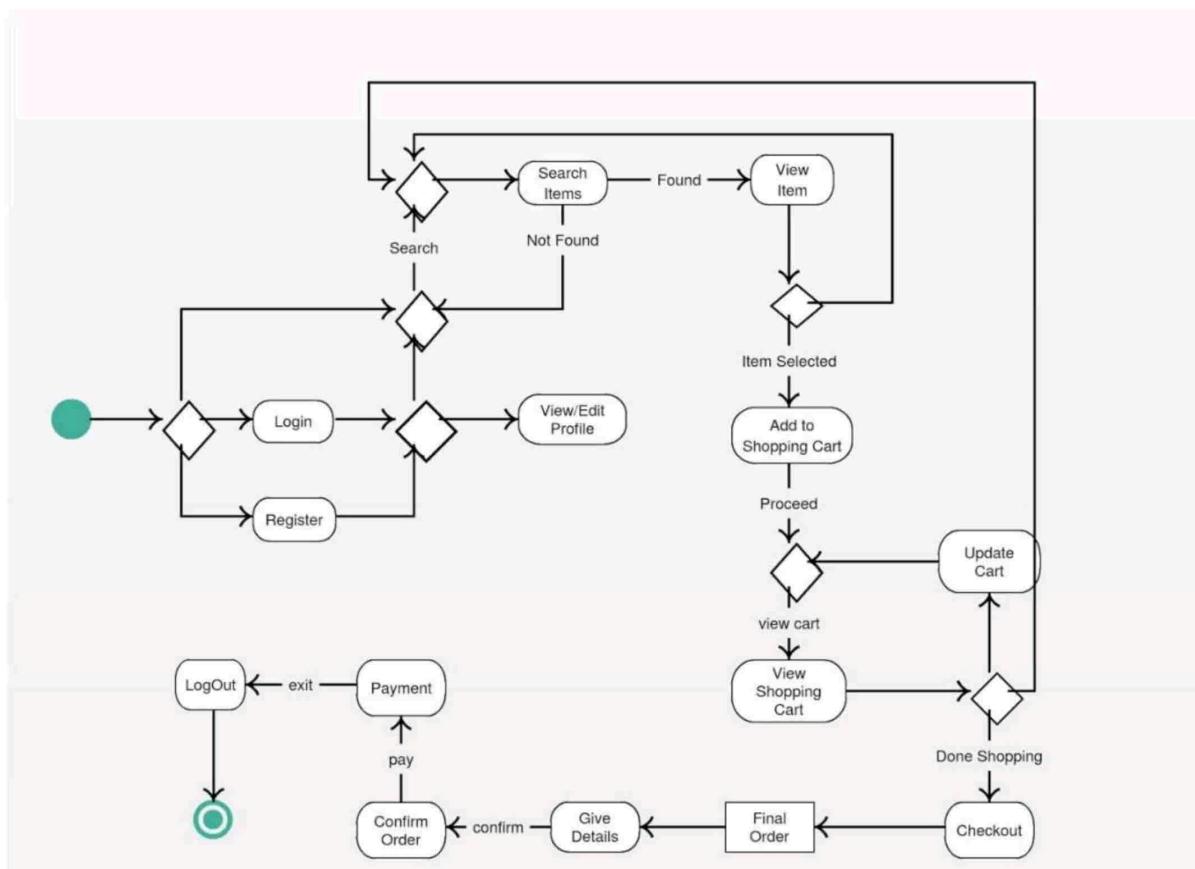
Team Members:

SI No	Register No	Name	Role
1	RA1911003010135	Pavithran K	Lead
2	RA1911003010136	Benak Raj D	Member
3	RA1911003010139	Raj Srivastava	Member

Software Used

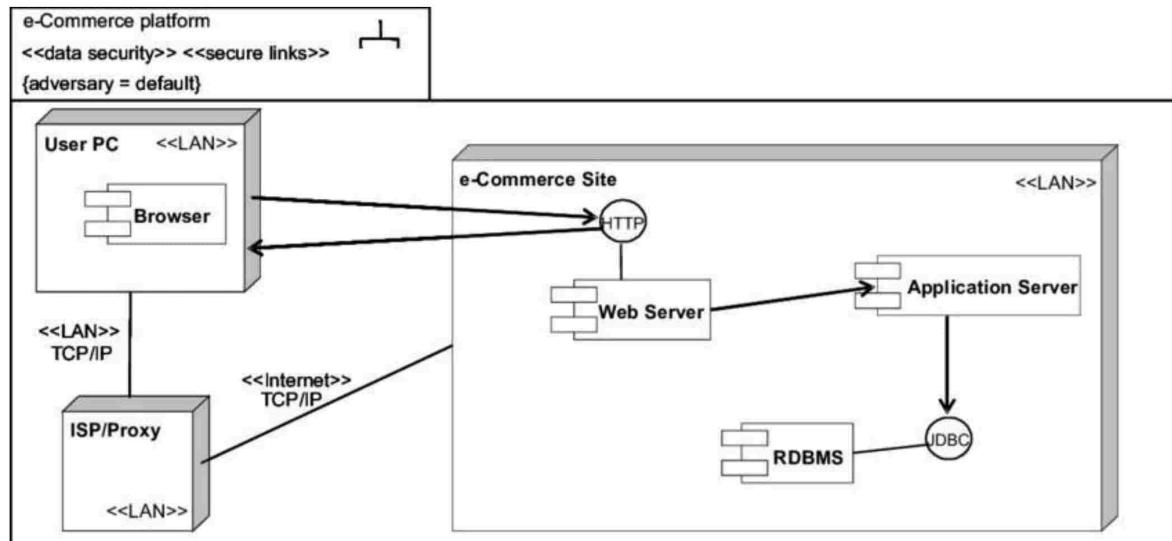
Star UML, Rational Rose, Etc...

State Diagram with Description

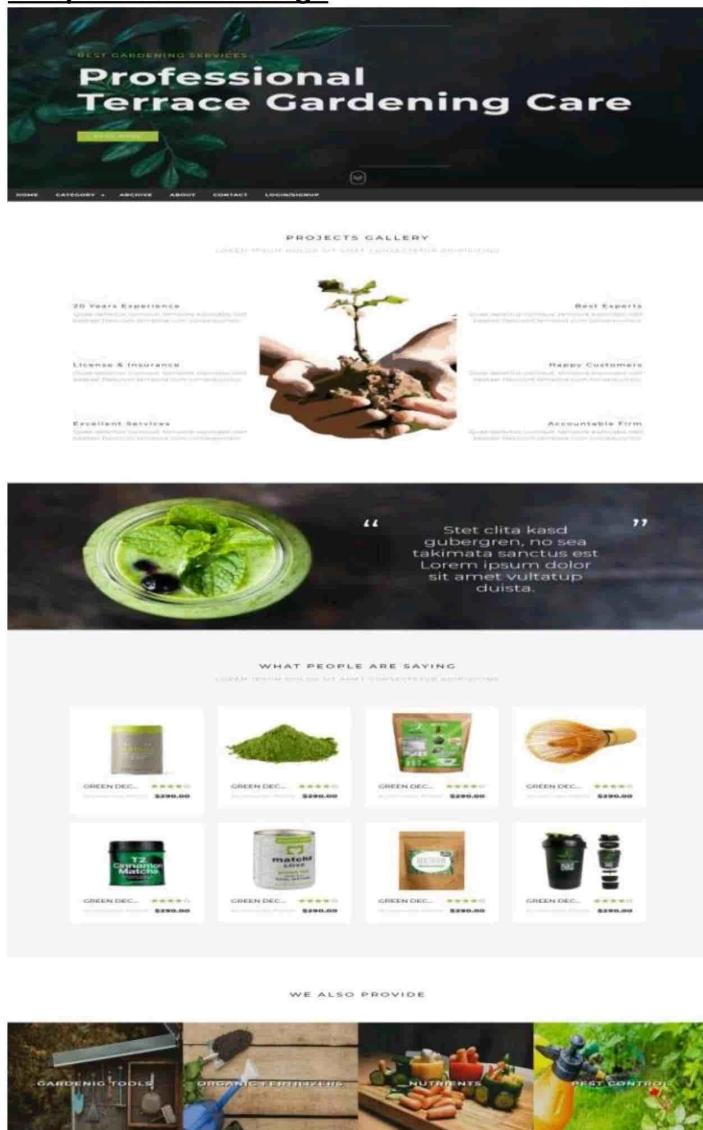


Collaboration Diagram with Description

Deployment Diagram with Description



Sample Frontend design



Result:

Thus, above mentioned designs of the system were documented successfully.

Module Description, Module Implementation

Aim

To describe modules and implement Module1

Team Members:

Sl No	Register No	Name	Role
1	RA1911003010135	Pavithran K	Lead
2	RA1911003010136	Benak Raj D	Member
3	RA1911003010139	Raj Srivastava	Member

Software Used

C, C++, Python, HTML, Mysql, Etc...

Code of Module 1

```
<!DOCTYPE html>
<!--[if lt IE 7 ]><html class="ie ie6" lang="en"> <![endif]-->
<!--[if IE 7 ]><html class="ie ie7" lang="en"> <![endif]-->
<!--[if IE 8 ]><html class="ie ie8" lang="en"> <![endif]-->
<!--[if (gte IE 9 )|(IE)]><!--><html lang="en"> <!--<![endif]-->
<head>

    <!-- Basic Page Needs
    ===== -->
    <meta charset="utf-8">
    <title>Terrace gardening</title>
    <meta name="description" content="terrace Gardening">
    <meta name="author" content="terrace Gardening">

    <!-- Mobile Specific Metas
    ===== -->
    <meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1">

    <!-- CSS
    ===== -->
    <!-- Definity CSS -->
    <link href="css/zerogrid.css" rel="stylesheet" media="all" type="text/css">
    <link href="css/style.css" rel="stylesheet" media="all" type="text/css">
    <link href="css/menu.css" rel="stylesheet" media="all" type="text/css">
    <!-- Lightbox -->
    <link href="css/lightbox.css" rel="stylesheet" media="all" type="text/css">
    <!-- Video Background -->
    <link href="css/jquery.mb.ytplayer.min.css" rel="stylesheet" media="all" type="text/css">
    <!-- Animate.css -->
```

```

<link href="css/animate.css" rel="stylesheet" media="all" type="text/css">
<link href="css/neon.css" rel="stylesheet" media="all" type="text/css">

<!-- Custom Fonts -->
<link href="font-awesome/css/font-awesome.min.css" rel="stylesheet" type="text/css">

<!-- Owl Carousel Assets -->
<link href="owl-carousel/owl.carousel.css" rel="stylesheet">
<!-- <link href="owl-carousel/owl.theme.css" rel="stylesheet"> -->

<!-- JS -->

<!--[if lt IE 8]>
<div style=' clear: both; text-align:center; position: relative;'>
    <a href="http://windows.microsoft.com/en-US/internet-explorer/products/ie/home?ocid=ie6_countdown_bannercode">
        
    </a>
</div>
<![endif]-->
<!--[if lt IE 9]>
    <script src="js/html5.js"></script>
    <script src="js/css3-mediaqueries.js"></script>
<![endif]-->

</head>

<body id="page-top">
<div class="wrap-body">

<!--//////////Header-->
<header>
    <div class="wrap-header" >

        <!--Main Header-->
        <div class="main-header">
            <div class="bg-overlay">
                <!--Hero Content-->
                <div class="hero-content-wrapper">
                    <div class="hero-content">
                        <h4 class="h-alt hero-subheading wow fadeIn" data-wow-duration="2s" data-wow-delay=".7s">Best Gardening Services</h4>

```

```

        <h1 class="hero-lead wow fadeInLeft" data-
        wow-duration="1.5s">Professional<br> Terrace Gardening Care</h1>
            <a href="single.html" class="button button-skin
        wow fadeIn" data-wow-duration="2s" data-wow-delay="1s">Read More</a>
            </div>
        </div>

        <!--Scroller-->
        <div id="scroll-page-content">
            <a href="#page-content" class="scroller">
                <span class="scroller-text">scroll
        down</span>
                <div class="scroller-button">
                    <i class="fa fa-angle-double-
        down"></i>
                </div>
            </a>
        </div>
    </div>

    <!--Top Menu-->
    <div id="cssmenu" >
        <ul>
            <li class="active"><a href="index.html"><span>HOME</span></a></li>
            <li class="has-sub"><a href="#"><span>Category</span></a>
                <ul>
                    <li class="has-sub"><a href="#"><span>Item
        1</span></a>
                        <ul>
                            <li><a href="#"><span>Sub
        Item</span></a></li>
                                <li class="last"><a href="#"><span>Sub
        Item</span></a></li>
                            </ul>
                        </li>
                    <li class="has-sub"><a href="#"><span>Item
        2</span></a>
                        <ul>
                            <li><a href="#"><span>Sub
        Item</span></a></li>
                                <li class="last"><a href="#"><span>Sub
        Item</span></a></li>
                            </ul>
                        </li>
                    </ul>
                </li>
            </ul>
        </li><a href="#"><span>Archive</span></a></li>
    </div>

```

```

<li><a href="single.html"><span>About</span></a></li>
<li class="last"><a href="contact.html"><span>Contact</span></a></li>
<li class="active"><a href="login.html"><span>login/signup</span></a></li>
</ul>
</div>
</div>
</header>

<!--//////////////////////////////Container-->
<section id="page-content" class="index-page">
<div class="wrap-container">
<!.....content-box-1.....>
<section class="content-box box-1">
<div class="zerogrid">
<div class="wrap-box"><!--Start Box-->
<div class="header wow fadeInUp" data-wow-delay=".1s" data-wow-duration="1s">
<h2>Projects Gallery</h2>
<span class="intro">Lorem ipsum dolor sit amet consectetur adipisicing</span>
</div>
<div class="content">
<div class="row">
<div class="lg-1-3" data-wow-fadeInLeft" data-wow-duration=".8s">
<div class="ft-item">
<div class="ft-icon">
</div>
<h5>20 Years Experience</h5>
<p>Quae delectus cumque, tempore explicabo odit beatae! Nesciunt tempora cum consequuntur.</p>
</div>
<div class="ft-item">
<div class="ft-icon">
</div>
<h5>License & Insurance</h5>
<p>Quae delectus cumque, tempore explicabo odit beatae! Nesciunt tempora cum consequuntur.</p>
</div>
<div class="ft-item">
</div>

```

```
<div      class="ft-
icon">

Services</h5>
</div>
<h5>Excellent
<p>Quae delectus
cumque, tempore explicabo odit beatae! Nesciunt tempora cum consequuntur.</p>
</div>
</div>
<div class="lg-1-3">

</div>
<div   class="lg-1-3   t-right-xs
wow fadeInRight" data-wow-duration=".8s">
<div class="ft-item">
<div   class="ft-
icon">

</div>
<h5>Best
<p>Quae delectus
cumque, tempore explicabo odit beatae! Nesciunt tempora cum consequuntur.</p>
</div>
<div class="ft-item">
<div   class="ft-
icon">

</div>
<h5>Happy
<p>Quae delectus
cumque, tempore explicabo odit beatae! Nesciunt tempora cum consequuntur.</p>
</div>
<div class="ft-item">
<div   class="ft-
icon">

</div>
<h5>Accountable
<p>Quae delectus
cumque, tempore explicabo odit beatae! Nesciunt tempora cum consequuntur.</p>
</div>
</div>
</div>
</div>
```

```

        </div>
    </div>
</section>

<!-- content-box-2 -->
<section class="content-box box-2 box-style-2">
    <div class="zerogrid">
        <div class="wrap-box"><!--Start Box-->
            <div class="content wow fadeInLeft" data-wow-
delay=".1s" data-wow-duration="1s">
                <div class="row">
                    <div class="sm-1-2 offset-sm-2-
4">
                        <blockquote><p>Stet
clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet vultatup
duista.</p></blockquote>
                    </div>
                </div>
            </div>
        </div>
    </div>
</section>

<!-- content-box-3 -->
<section class="content-box box-3 box-style-1">
    <div class="zerogrid">
        <div class="wrap-box"><!--Start Box-->
            <div class="header wow fadeInUp" data-wow-
delay=".1s" data-wow-duration="1s">
                <h2>What people are saying</h2>
                <span class="intro">Lorem ipsum dolor
sit amet consectetur adipisicing</span>
            </div>
            <div class="content wow fadeIn" data-wow-
delay=".1s" data-wow-duration="1s">
                <div class="row">
                    <div class="lg-1-4 md-1-3 sm-1-
2">
                        <div class="product">
                            <div
class="product-thumbnail"><a href="#"></a></div>
                            <div
class="product-content">
                                <div class="row">
                                    <h2 class="product-title"><a href="#">Green decor</a></h2>

```

```
<div class="product-rating">
  <i class="fa fa-star"></i>
  <i class="fa fa-star"></i>
  <i class="fa fa-star"></i>
  <i class="fa fa-star"></i>
  <i class="fa fa-star-o"></i>
</div>
</div>

<div class="row">
  <div class="categories">
    <a href="#" rel="tag">Accessories</a>, <a href="#" rel="tag">Plants</a>
  </div>
  <span class="price">
    $290.00
  </span>
  </a>
</div>
<br>
2">
<div class="product">
  </div>
  </div>
  </div>
<div class="lg-1-4 md-1-3 sm-1-2">
  <div class="wrap-col">
    <div
```

```
<div>
class="product-thumbnail"><a href="#"></a></div>
<div>
class="product-content">

<div class="row">

<h2 class="product-title"><a href="#">Green decor</a></h2>

<div class="product-rating">

<i class="fa fa-star"></i>

<i class="fa fa-star"></i>

<i class="fa fa-star"></i>

<i class="fa fa-star"></i>

<i class="fa fa-star-o"></i>

</div>

</div>

<div class="row">

<div class="categories">

<a href="#" rel="tag">Accessories</a>, <a href="#" rel="tag">Plants</a>

</div>

<span class="price">

$290.00

</span>

</div>

</div>
</div>
</div>
</div>
<div class="lg-1-4 md-1-3 sm-1-2">
<div class="wrap-col">
<div>
class="product">
```

```
<div>
class="product-thumbnail"><a href="#"></a></div>
<div>
class="product-content">

<div class="row">

<h2 class="product-title"><a href="#">Green decor</a></h2>

<div class="product-rating">

<i class="fa fa-star"></i>

<i class="fa fa-star"></i>

<i class="fa fa-star"></i>

<i class="fa fa-star"></i>

<i class="fa fa-star-o"></i>

</div>

</div>

<div class="row">

<div class="categories">

<a href="#" rel="tag">Accessories</a>, <a href="#" rel="tag">Plants</a>

</div>

<span class="price">

$290.00

</span>

</div>
</div>
</div>
</div>
</div>
<div class="lg-1-4 md-1-3 sm-1-2">
<div class="wrap-col">
<div>
class="product">
```

```
<div>
class="product-thumbnail"><a href="#"></a></div>
<div>
class="product-content">
<div class="row">
<h2 class="product-title"><a href="#">Green decor</a></h2>
<div class="product-rating">
<i class="fa fa-star"></i>
<i class="fa fa-star"></i>
<i class="fa fa-star"></i>
<i class="fa fa-star"></i>
<i class="fa fa-star-o"></i>
</div>
</div>
<div class="row">
<div class="categories">
<a href="#" rel="tag">Accessories</a>, <a href="#" rel="tag">Plants</a>
</div>
<span class="price">
$290.00
</span>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
<div class="row">
<div class="lg-1-4 md-1-3 sm-1-2">
<div class="wrap-col">
```

```
<div
class="product">
    <div
class="product-thumbnail"><a href="#"></a></div>
    <div
class="product-content">
        <div class="row">
            <h2 class="product-title"><a href="#">Green decor</a></h2>
            <div class="product-rating">
                <i class="fa fa-star"></i>
                <i class="fa fa-star"></i>
                <i class="fa fa-star"></i>
                <i class="fa fa-star"></i>
                <i class="fa fa-star-o"></i>
            </div>
        </div>
        <div class="row">
            <div class="categories">
                <a href="#" rel="tag">Accessories</a>, <a href="#" rel="tag">Plants</a>
            </div>
            <span class="price">
                $290.00
            </span>
        </div>
    </div>
</div>
2">
```

```
<div  
class="product">  
    <div>  
        class="product-thumbnail"><a href="#"></a></div>  
    <div>  
        class="product-content">  
            <div class="row">  
                <h2 class="product-title"><a href="#">Green decor</a></h2>  
                <div class="product-rating">  
                    <i class="fa fa-star"></i>  
                    <i class="fa fa-star"></i>  
                    <i class="fa fa-star"></i>  
                    <i class="fa fa-star"></i>  
                    <i class="fa fa-star-o"></i>  
                </div>  
            </div>  
        </div>  
        <div class="row">  
            <div class="categories">  
                <a href="#" rel="tag">Accessories</a>, <a href="#" rel="tag">Plants</a>  
            </div>  
            <span class="price">  
                $290.00  
            </span>  
        </div>  
    </div>  
    <div class="lg-1-4 md-1-3 sm-1-  
2">  
        <div class="wrap-col">
```

```
<div  
class="product">  
    <div class="product-thumbnail"><a href="#"></a></div>  
    <div class="product-content">  
        <div class="row">  
            <h2 class="product-title"><a href="#">Green decor</a></h2>  
            <div class="product-rating">  
                <i class="fa fa-star"></i>  
                <i class="fa fa-star"></i>  
                <i class="fa fa-star"></i>  
                <i class="fa fa-star"></i>  
                <i class="fa fa-star-o"></i>  
            </div>  
        </div>  
        </div>  
        <div class="row">  
            <div class="categories">  
                <a href="#" rel="tag">Accessories</a>, <a href="#" rel="tag">Plants</a>  
            </div>  
            <span class="price">  
                $290.00  
            </span>  
        </div>  
    </div>  
    <div class="lg-1-4 md-1-3 sm-1-  
2">  
        <div class="wrap-col">
```

```
<div
class="product">
    <div
class="product-thumbnail"><a href="#"></a></div>
    <div
class="product-content">
        <div class="row">
            <h2 class="product-title"><a href="#">Green decor</a></h2>
            <div class="product-rating">
                <i class="fa fa-star"></i>
                <i class="fa fa-star"></i>
                <i class="fa fa-star"></i>
                <i class="fa fa-star"></i>
                <i class="fa fa-star-o"></i>
            </div>
        </div>
        <div class="row">
            <div class="categories">
                <a href="#" rel="tag">Accessories</a>, <a href="#" rel="tag">Plants</a>
            </div>
            <span class="price">
                $290.00
            </span>
        </div>
    </div>

```

```
</section>

<!--content-box-4-->
<section class="content-box box-4">
    <div class="zerogrid-fluid">
        <div class="wrap-box">
            <div class="header wow fadeInUp" data-wow-delay=".1s" data-wow-duration="1s">
                <h2>We also provide</h2>
                <span class="intro"></span>
            </div>
            <div class="content wow fadeIn" data-wow-delay=".1s" data-wow-duration="1s">
                <div class="row">
                    <div class="lg-1-4 md-1-3 sm-1-2">
                        <div class="portfolio-box zoom-effect">
                            
                            <div
                                class="portfolio-box-caption">
                                <div
                                    class="portfolio-box-caption-content">
                                    <div class="project-name">
                                        Gardenig Tools
                                    </div>
                                    <div class="project-category">
                                        </div>
                                    <div class="project-button">
                                        <a href="single.html" class="button button-skin">Buy Now</a>
                                    </div>
                                </div>
                            </div>
                        <div class="lg-1-4 md-1-3 sm-1-2">
                            <div class="portfolio-box zoom-effect">

```

```
          
    <div  
class="portfolio-box-caption">  
        <div class="portfolio-box-caption-content">  
            <div class="project-name">  
                Organic fertilizers  
            </div>  
            <div class="project-category">  
            </div>  
            <div class="project-button">  
                <a href="single.html" class="button button-skin">Buy Now</a>  
            </div>  
        </div>  
    </div>  
    <div class="lg-1-4 md-1-3 sm-1-  
2">  
        <div class="portfolio-box  
zoom-effect">  
              
            <div  
class="portfolio-box-caption">  
                <div class="portfolio-box-caption-content">  
                    <div class="project-name">  
                        Nutrients  
                    </div>  
                    <div class="project-category">  
                    </div>  
                    <div class="project-button">
```



```
<div class="header wow fadeInUp" data-wow-delay=".1s" data-wow-duration="1s">
    <h2>Latest News</h2>
    <span class="intro">Lorem ipsum dolor sit amet consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</span>
</div>
<div class="content wow fadeInRight" data-wow-delay=".1s" data-wow-duration="1s">
    <div class="row">
        <div class="sm-1-3">
            <div class="wrap-col">
                <div class="box-entry">
                    <div class="box-entry-inner">
                        
                        <div class="entry-details">
                            <div class="entry-des">
                                <span><a href="#">08th Apr 2017</a></span>
                                <h3><a href="#">5 Reasons Why You Should have a Terrace Garden</a></h3>
                                <p>In an age of concrete jungles and virtual interactions, the therapeutic effects of nature are often forgotten. Over the years. ..</p>
                                <a href="https://mycloudforest.com/magazine/5-reasons-why-you-should-have-a-terrace-garden/">Read More</a>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </div>
        <div class="sm-1-3">
            <div class="wrap-col">
                <div class="box-entry">
                    <div class="box-entry-inner">
                        
                        <div class="entry-details">
                            <div class="entry-des">
                                <span><a href="#">08th Apr 2017</a></span>
                                <h3><a href="#">5 Reasons Why You Should have a Terrace Garden</a></h3>
                                <p>In an age of concrete jungles and virtual interactions, the therapeutic effects of nature are often forgotten. Over the years. ..</p>
                                <a href="https://mycloudforest.com/magazine/5-reasons-why-you-should-have-a-terrace-garden/">Read More</a>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>
```



```
        </div>
    </div>
</section>

<!-- content-box-6 -->
<section class="content-box box-6 box-style-3">
    <div class="zerogrid-fluid">
        <div class="wrap-box"><!--Start Box-->
            <div class="content wow fadeInLeft" data-wow-delay=".1s" data-wow-duration="1s">
                <div class="clients-logo">
                    <div id="owl-brand" class="owl-carousel">
                        <div class="item">
                            
                        </div>
                        <div class="item">
                            
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>
</section>
```

```
</section>

<!--content-box-7-->
<section class="content-box box-7">
    <div class="zerogrid-fluid">
        <div class="wrap-box"><!--Start Box-->
            <div class="content wow fadeInLeft" data-wow-delay=".1s" data-wow-duration="1s">
                <div class="row">
                    <div class="md-1-3">
                        <div class="wrap-col">
                            <div class="row">
                                <div
class="sm-1-3">
                                    <i
class="fa fa-map-marker"></i>
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
            <div class="sm-2-3 t-left-sm">
                <h3>Address</h3>
                <p>SRM UNIVERSITY KTR CAMPUS , CHENNAI-600076</p>
                </div>
            </div>
        </div>
    </div>
    <div class="md-1-3">
        <div class="wrap-col">
            <div class="row">
                <div
class="sm-1-3">
                    <i
class="fa fa-phone"></i>
                    </div>
                </div>
            </div>
        </div>
    </div>
    <div class="sm-2-3 t-left-sm">
        <h3>Phone</h3>
        <p>Head Office:12345678 , 987654321</p>
        </div>
    </div>
    <div class="md-1-3">
        <div class="wrap-col">
            <div class="row">
                <div
class="sm-1-3">
```

```
<i  
class="fa fa-envelope"></i>  
</div>  
<div  
class="sm-2-3 t-left-sm">  
    <h3>Email</h3>  
    <p><span>Email One :</span> info@yoursite.com </p>  
    </div>  
    </div>  
    </div>  
    </div>  
    </div>  
    </div>  
    </div>  
    </div>  
</section>  
  
</div>  
</section>  
  
<!--///////////////////////////////Footer-->  
<footer id="page-footer">  
    <div class="zerogrid wrap-footer">  
        <div class="row">  
            <div class="sm-1-4 col-footer-1">  
                <div class="wrap-col">  
                    <h3 class="widget-title">About Us</h3>  
                    <p>Ut volutpat consectetur aliquam. Curabitur  
auctor in nis ulum ornare. Metus elit vehicula dui. Curabitur auctor in nis ulum ornare. Sed  
consequat, augue condimentum fermentum</p>  
                    <p>Sed ut perspiciatis unde omnis iste natus  
error sit voluptatem accusantium doloremque laudantium</p>  
                </div>  
            </div>  
            <div class="sm-1-4 col-footer-2">  
                <div class="wrap-col">  
                    <h3 class="widget-title">Recent Post</h3>  
                    <ul>  
                        <li><a href="#">MOST VISITED  
COUNTRIES</a></li>  
                        <li><a href="#">5 PLACES THAT  
MAKE A GREAT HOLIDAY</a></li>  
                        <li><a href="#">PEBBLE TIME  
STEEL IS ON TRACK TO SHIP IN JULY</a></li>  
                        <li><a href="#">STARTUP  
COMPANY???S CO-FOUNDER TALKS ON HIS NEW PRODUCT</a></li>  
                    </ul>  
                </div>  
            </div>  
        </div>  
    </div>
```

```
</div>
<div class="sm-1-4 col-footer-3">
    <div class="wrap-col">
        <h3 class="widget-title">Tag Cloud</h3>
        <a href="#">animals</a>
        <a href="#">cooking</a>
        <a href="#">countries</a>
        <a href="#">city</a>
        <a href="#">children</a>
        <a href="#">home</a>
        <a href="#">likes</a>
        <a href="#">photo</a>
        <a href="#">link</a>
        <a href="#">law</a>
        <a href="#">shopping</a>
        <a href="#">skate</a>
        <a href="#">scholl</a>
        <a href="#">video</a>
        <a href="#">travel</a>
        <a href="#">images</a>
        <a href="#">love</a>
        <a href="#">lists</a>
        <a href="#">makeup</a>
        <a href="#">media</a>
        <a href="#">password</a>
        <a href="#">pagination</a>
        <a href="#">wildlife</a>
    </div>
</div>
<div class="sm-1-4 col-footer-4">
    <div class="wrap-col">
        <h3 class="widget-title">Gallery</h3>
        <div class="row">
            <div class="sm-1-3 xs-1-2">
                <div class="wrap-col">
                    <a href="#"></a>
                    </div>
                </div>
            <div class="sm-1-3 xs-1-2">
                <div class="wrap-col">
                    <a href="#"></a>
                    </div>
                </div>
            <div class="sm-1-3 xs-1-2">
                <div class="wrap-col">
                    <a href="#"></a>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>
```

```
</div>
<div class="sm-1-3 xs-1-2">
    <div class="wrap-col">
        <a href="#"></a>
            </div>
        </div>
    <div class="sm-1-3 xs-1-2">
        <div class="wrap-col">
            <a href="#"></a>
                </div>
            </div>
        <div class="sm-1-3 xs-1-2">
            <div class="wrap-col">
                <a href="#"></a>
                    </div>
                </div>
            <div class="sm-1-3 xs-1-2">
                <div class="wrap-col">
                    <a href="#"></a>
                        </div>
                    </div>
                <div class="sm-1-3 xs-1-2">
                    <div class="wrap-col">
                        <a href="#"></a>
                            </div>
                        </div>
                    <div class="sm-1-3 xs-1-2">
                        <div class="wrap-col">
                            <a href="#"></a>
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
            <div class="zerogrid bottom-footer">
                <div class="row">
                    <div class="bottom-social">
                        <a href="#"><i class="fa fa-facebook"></i></a>
                        <a href="https://www.instagram.com/"><i class="fa fa-
instagram"></i></a>
                        <a href="#"><i class="fa fa-twitter"></i></a>
                        <a href="#"><i class="fa fa-google-plus"></i></a>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>
```

```

        <a href="#"><i class="fa fa-pinterest"></i></a>
        <a href="#"><i class="fa fa-linkedin"></i></a>
        <a href="#"><i class="fa fa-youtube"></i></a>
    </div>
</div>

</div>
</footer>
<div id="page-top"><a href="#page-top" class="button button-toTop f-right"><i class="fa fa-angle-double-up"></i></a></div>

<!-- ===== Scripts ===== -->
<script src="js/jquery-3.1.1.min.js"></script>
<script src="js/menu.js"></script>
<script src="js/jquery.localScroll.min.js"></script>
<script src="js/jquery.scrollTo.min.js"></script>
<script src="js/SmoothScroll.js"></script>
<script src="js/wow.min.js"></script>

<!-- Owl Carousel JS -->
<script src="owl-carousel/owl.carousel.js"></script>

<!-- Google Map -->
<script src="js/google-map.js"></script>
<script src="https://maps.googleapis.com/maps/api/js?key=AIzaSyB7VmAjEzzmP6PCQda8To0ZW_o3UOCVCE&callback=initMap" async defer></script>

<!-- Definity JS -->
<script src="js/main.js"></script>
</div>
</body></html>
```

Result of Module 1



PROJECT GALLERY

COLLECTIVE PLANTING
Gardening with a group of people can be a fun and rewarding experience.

INDIVIDUAL PLANTING
Gardening individually allows for more personal attention to each plant.

LANDSCAPE DESIGN
Our team of professionals can help you design a landscape that is both functional and aesthetically pleasing.

PLANT CARE
We offer a range of services to help you keep your plants healthy and thriving.

Planting a small plant in a glass bowl.

Spec clita keed
gubangkri, incisa
takimata sanctus est
fornax pavonis color
sit amies ut itaup
diana

WHAT PEOPLE ARE SAYING

Customer reviews are displayed in a grid format, each with a small image of a product and a short testimonial.



LATEST NEWS

How to Create a Sustainable Terrace Garden
by John Doe | Published on June 15, 2023

Top 5 Benefits of Having a Terrace Garden
by Jane Smith | Published on June 15, 2023

The Best Plants for a Terrace Garden
by Michael Johnson | Published on June 15, 2023



Result

Thus, modules are described, Module 1 was implemented and documented successfully.

Module2 Implementation

Aim

To implement Module 2 of the project and display the output of the module with new requirements may assimilated

Team Members:

Sl No	Register No	Name	Role
1	RA1911003010135	Pavithran K	Lead
2	RA1911003010136	Benak Raj D	Member
3	RA1911003010139	Raj Srivastava	Member

Software Used

C, C++, Python, HTML, Mysql, Etc...

Code of Module 2

```
<!DOCTYPE html>

<!--[if lt IE 7 ]><html class="ie ie6" lang="en"> <![endif]-->
<!--[if IE 7 ]><html class="ie ie7" lang="en"> <![endif]-->
<!--[if IE 8 ]><html class="ie ie8" lang="en"> <![endif]-->
<!--[if (gte IE 9)|(IE)]><!--><html lang="en"> <!--<![endif]-->

<head>

    <!-- Basic Page Needs
    ===== -->

    <meta charset="utf-8">
    <title>terrace gardening</title>
    <meta name="description" content="terrace gardening">
    <meta name="author" content="terrace gardening">

    <!-- Mobile Specific Metas
    ===== -->

    <meta name="viewport" content="width=device-width, initial-scale=1, maximum-
scale=1">
```

```
<!-- CSS
=====
<!-- Definity CSS -->
<link href="css/zerogrid.css" rel="stylesheet" media="all" type="text/css">
<link href="css/style.css" rel="stylesheet" media="all" type="text/css">
<link href="css/menu.css" rel="stylesheet" media="all" type="text/css">
<!-- Lightbox -->
<link href="css/lightbox.css" rel="stylesheet" media="all" type="text/css">
<!-- Video Background -->
<link href="css/jquery.mb.ytplayer.min.css" rel="stylesheet" media="all"
type="text/css">
<!-- Animate.css -->
<link href="css/animate.css" rel="stylesheet" media="all" type="text/css">

<!-- Custom Fonts -->
<link href="font-awesome/css/font-awesome.min.css" rel="stylesheet"
type="text/css">

<!-- Owl Carousel Assets -->
<link href="owl-carousel/owl.carousel.css" rel="stylesheet">
<!-- <link href="owl-carousel/owl.theme.css" rel="stylesheet"> -->

<!-- JS -->

<!--[if lt IE 8]>
<div style=' clear: both; text-align:center; position: relative;'>
<a href="http://windows.microsoft.com/en-US/internet-
explorer/products/ie/home?ocid=ie6_countdown_bannercode">

```

```

        </a>
    </div>
<![endif]-->
<!--[if lt IE 9]>
    <script src="js/html5.js"></script>
    <script src="js/css3-mediaqueries.js"></script>
<![endif]-->

</head>
<body id="page-top" class="sub-page">
<div class="wrap-body">

<!--//////////Header-->
<header>
    <div class="wrap-header" >

        <!--Main Header-->
        <div class="main-header">
            <div class="bg-overlay">
                <!--Hero Content-->
                <div class="hero-content-wrapper">
                    <div class="hero-content">
                        <h4 class="h-alt hero-subheading wow fadeIn"
data-wow-duration="2s" data-wow-delay=".7s">Leave us a message</h4>
                        <h1 class="hero-lead wow fadeInLeft" data-
wow-duration="1.5s">Contact us</h1>
                    </div>
                </div>
            </div>
        </div>

        <!--Top Menu-->
        <div id="cssmenu" >
            <ul>

```

```
<li class="active"><a href="index.html"><span>Home</span></a></li>
    <li class="has-sub"><a href="#"><span>Category</span></a>
        <ul>
            <li class="has-sub"><a href="#"><span>Item 1</span></a>
                <ul>
                    <li><a href="#"><span>Sub Item</span></a></li>
                    <li class="last"><a href="#"><span>Item 2</span></a>
                        <ul>
                            <li><a href="#"><span>Sub Item</span></a></li>
                            <li class="last"><a href="#"><span>Contact</span></a></li>
                                <ul>
                                    <li><a href="archive.html"><span>Archive</span></a></li>
                                    <li><a href="single.html"><span>About</span></a></li>
                                    <li class="last"><a href="contact.html"><span>Contact</span></a></li>
                                        <ul>
                                            </ul>
                                        </div>
                                    </div>
                                </ul>
                            </li>
                        </ul>
                    </li>
                </ul>
            </li>
        </ul>
    </li>
</div>
</header>
```

```
<!--||||||||||||||||||Container-->
<section id="page-content">
    <div class="wrap-container zerogrid">
        <div class="crumbs">
            <ul>
                <li><a href="index.html">Home</a></li>
                <li><a href="contact.html">Contact</a></li>
            </ul>
        </div>
        <div id="contact-area">
            <h1 class="">Contact Us</h1>
            <div class="contact-map_wrapper wow fadeIn" data-wow-
delay=".1s" data-wow-duration="1.5s">
                <!-- Map -->
                <div id="map" style="height: 550px;"></div>

                <!-- Show Info Button -->
                <div class="show-info-link">
                    <a href="#" class="show-info"><i class="fa fa-
info"></i>Show info</a>
                </div>
                <div class="zerogrid">
                    <!-- Address Info -->
                    <div class="xs-5-6 offset-md-1-6 md-1-2
contact-info-wrapper">
                        <address>
                            <div class="row">
                                <!-- Phone -->
                                <div class="sm-1-2 address-
group">
                                    <span>Phone</span>
                                </div>
                            </div>
                        </address>
                    </div>
                </div>
            </div>
        </div>
    </div>
</section>
```

```
<a href="#">123456789</a>
<a href="#">+ 123 7654
098</a>
</div>
<!-- Address -->
<div class="sm-1-2 address-
group">
<span>Address</span>
<p>1200 some street, il,
US</p>
</div>
</div>
<div class="row">
<!-- Email -->
<div class="sm-1-2 address-
group">
<span>Email</span>
<a href="mailto:sayhello@email.com">sayhello@email.com</a>
</div>
<!-- Hours -->
<div class="sm-1-2 address-
group">
<span>Open
Hours</span>
<p>Mon-Fri: 9am-
5pm</p>
<p>Sat: 10am-1pm</p>
</div>
</div>
<!-- Show Map Button -->
<div class="row show-map-
link">
```

```
<a href="#" class="show-
map"><i class="fa fa-map-o"></i> Show on map</a>
</div>
</address>
</div>
</div>
</div>
<div class="contact-main_wrapper">
<div class="row">
<div class="sm-2-5 ">
<div class="wrap-col">
<div class="wow fadeInLeft"
data-wow-delay=".1s" data-wow-duration="1s">
<h3>Have any questions?
Let's get in touch!</h3>
<p>Contact us if you are
thinking of redesigning your garden, adding some garden features or simply looking for a bit
of garden maintenance.</p>
</div>
</div>
</div>
<div class="sm-2-5 offset-sm-1-5">
<div class="wrap-col">
<div id="contact_form"
class="wow fadeInUp" data-wow-delay=".1s" data-wow-duration="1s">
<div
id="contact_results"></div>
<div id="contact_body">
<label>
<input
type="text" name="name" id="name" required="true" placeholder="Your Name"/>
</label>
<label>
```

```
<input  
type="email" name="email" required="true" placeholder="Your Email"/>  
      </label>  
      <label  
for="field5">  
      <textarea  
name="message" id="message" class="textarea-field" required="true"  
placeholder="Message"></textarea>  
      </label>  
      <label>  
      <button  
class="button button-skin" type="submit" id="submit_btn">Submit</button>  
      </label>  
      </div>  
      </div>  
      </div>  
      </div>  
      </div>  
      </div>  
      </div>  
      </div>  
</section>  
  
<!--||||||||||||||||||||||Footer-->  
<footer id="page-footer">  
  <div class="zero-grid wrap-footer">  
    <div class="row">  
      <div class="sm-1-4 col-footer-1">  
        <div class="wrap-col">  
          <h3 class="widget-title">About Us</h3>  
          <p>Ut volutpat consectetur aliquam. Curabitur  
auctor in nis ulum ornare. Metus elit vehicula dui. Curabitur auctor in nis ulum ornare. Sed  
consequat, augue condimentum fermentum</p>
```

<p>Sed ut perspiciatis unde omnis iste natus
error sit voluptatem accusantium doloremque la udantium</p>

</div>

</div>

<div class="sm-1-4 col-footer-2">

<div class="wrap-col">

<h3 class="widget-title">Recent Post</h3>

MOST VISITED COUNTRIES

5 PLACES THAT MAKE A GREAT HOLIDAY

PEBBLE TIME STEEL IS ON TRACK TO SHIP IN JULY

STARTUP COMPANY???S CO-FOUNDER TALKS ON HIS NEW PRODUCT

</div>

</div>

<div class="sm-1-4 col-footer-3">

<div class="wrap-col">

<h3 class="widget-title">Tag Cloud</h3>

animals

cooking

countries

city

children

home

likes

photo

link

law

shopping

skate

```
<a href="#">scholl</a>
<a href="#">video</a>
<a href="#">travel</a>
<a href="#">images</a>
<a href="#">love</a>
<a href="#">lists</a>
<a href="#">makeup</a>
<a href="#">media</a>
<a href="#">password</a>
<a href="#">pagination</a>
<a href="#">wildlife</a>
</div>
</div>
<div class="sm-1-4 col-footer-4">
<div class="wrap-col">
<h3 class="widget-title">Gallery</h3>
<div class="row">
<div class="sm-1-3 xs-1-2">
<div class="wrap-col">
<a href="#"></a>
</div>
</div>
<div class="sm-1-3 xs-1-2">
<div class="wrap-col">
<a href="#"></a>
</div>
</div>
<div class="sm-1-3 xs-1-2">
<div class="wrap-col">
<a href="#"></a>
</div>
```

```
</div>
<div class="sm-1-3 xs-1-2">
  <div class="wrap-col">
    <a href="#"></a>
    </div>
  </div>
<div class="sm-1-3 xs-1-2">
  <div class="wrap-col">
    <a href="#"></a>
    </div>
  </div>
<div class="sm-1-3 xs-1-2">
  <div class="wrap-col">
    <a href="#"></a>
    </div>
  </div>
<div class="sm-1-3 xs-1-2">
  <div class="wrap-col">
    <a href="#"></a>
    </div>
  </div>
<div class="sm-1-3 xs-1-2">
  <div class="wrap-col">
    <a href="#"></a>
    </div>
  </div>
<div class="sm-1-3 xs-1-2">
  <div class="wrap-col">
```

```
<a href="#"></a>  
  
</div>  
  
</div>  
  
</div>  
  
</div>  
  
</div>  
  
</div>  
  
</div>  
  
<div class="zerogrid bottom-footer">  
    <div class="row">  
        <div class="bottom-social">  
            <a href="#"><i class="fa fa-facebook"></i></a>  
            <a href="#"><i class="fa fa-instagram"></i></a>  
            <a href="#"><i class="fa fa-twitter"></i></a>  
            <a href="#"><i class="fa fa-google-plus"></i></a>  
            <a href="#"><i class="fa fa-pinterest"></i></a>  
            <a href="#"><i class="fa fa-vimeo"></i></a>  
            <a href="#"><i class="fa fa-linkedin"></i></a>  
            <a href="#"><i class="fa fa-youtube"></i></a>  
        </div>  
    </div>  
    <div class="copyright">  
        Copyright @ - <a href="https://www.zerotheme.com/free-website-templates" rel='nofollow'>Website Templates</a> by <a href="https://www.zerotheme.com">Zerotheme</a>  
    </div>  
    </div>  
</div>  
</footer>
```

```
<!-- ===== Scripts ===== -->  
<script src="js/jquery-3.1.1.min.js"></script>  
<script src="js/menu.js"></script>
```

```

<script src="js/jquery.localScroll.min.js"></script>
<script src="js/jquery.scrollTo.min.js"></script>
<script src="js/SmoothScroll.js"></script>
<script src="js/wow.min.js"></script>


<script src="js/google-map.js"></script>
<script src="https://maps.googleapis.com/maps/api/js?key=AIzaSyB7V-
mAjEzzmP6PCQda8To0ZW_o3UOCVCE&callback=initMap" async defer></script>

<script type="text/javascript">
$(document).ready(function() {
    $("#submit_btn").click(function() {

        var proceed = true;
        //simple validation at client's end
        //loop through each field and we simply change border color to red for invalid fields
        $("#contact_form input[required=true], #contact_form
textarea[required=true]").each(function(){
            $(this).css('border-color','');
            if(!$._trim($(this).val())){ //if this field is empty
                $(this).css('border-color','red'); //change border color to red
                proceed = false; //set do not proceed flag
            }
            //check invalid email
            var email_reg = /^([\w-\.]+@[([\w-]+\.)+[\w-]\{2,4\})?$/;
            if($(this).attr("type")=="email" &&
!email_reg.test($.trim($(this).val()))){
                $(this).css('border-color','red'); //change border color to red
                proceed = false; //set do not proceed flag
            }
        });
    });
}
);

```

```

if(proceed) //everything looks good! proceed...
{
    //get input field values data to be sent to server
    post_data = {
        'user_name'          : $('input[name=name]').val(),
        'user_email'         : $('input[name=email]').val(),
        'country_code'       : $('input[name=phone1]').val(),
        'phone_number'       : $('input[name=phone2]').val(),
        'subject'            : $('select[name=subject]').val(),
        'msg'                : $('textarea[name=message]').val()
    };

    //Ajax post data to server
    $.post('contact.php', post_data, function(response){
        if(response.type == 'error'){ //load json data from server and
            output = '<div class="error">' + response.text + '</div>';
        }else{
            output = '<div class="success">' + response.text + '</div>';
            //reset values in all input fields
            $('#contact_form input[required=true], #contact_form
textarea[required=true]').val("");
            $('#contact_form #contact_body').slideUp(); //hide
form after success
        }
        $('#contact_form
#contact_results').hide().html(output).slideDown();
    }, 'json');
}

//reset previously set border colors and hide all message on .keyup()
$('#contact_form input[required=true], #contact_form
textarea[required=true]').keyup(function() {

```

```
$(this).css('border-color', '');
$("#result").slideUp();
});
});

</script>
<!-- Definity JS -->
<script src="js/main.js"></script>

</div>
</body></html>
```

Result of Module 2



A screenshot of a contact form overlaid on a map of southern India. The map shows state boundaries and major cities like Bangalore, Mysore, and Coimbatore. The contact form includes fields for Phone (123456789, 123 7654 098), Address (1200 some street, ii, US), Email (sayhello@email.com), and Open Hours (Mon-Fri: 9am-5pm, Sat: 10am-1pm). A "Show on map" button is present. A modal window from Google says "This page can't load Google Maps correctly." with an "OK" button.

Have any questions?
Let's get in touch!

Contact us if you are thinking of redesigning your garden, adding some garden features or simply looking for a bit of garden maintenance.

Your Name

Your Email

Message

SUBMIT

Result:

Thus, the module2 was implemented and documented successfully.

Module3 Implementation

Aim

To implement Module 3 of the project and display the output of the module with solving New Issues.

Team Members:

Sl No	Register No	Name	Role
1	RA1911003010135	Pavithran K	Lead
2	RA1911003010136	Benak Raj D	Member
3	RA1911003010139	Raj Srivastava	Member

Software Used

C, C++, Python, HTML, Mysql, Etc...

Code of Module 3

```
<!DOCTYPE html>
<!--[if lt IE 7 ]><html class="ie ie6" lang="en"> <![endif]-->
<!--[if IE 7 ]><html class="ie ie7" lang="en"> <![endif]-->
<!--[if IE 8 ]><html class="ie ie8" lang="en"> <![endif]-->
<!--[if (gte IE 9)|(IE)]><!--><html lang="en"> <!--<![endif]-->
<head>

    <!-- Basic Page Needs
    ===== -->
    <meta charset="utf-8">
    <title>Terrace gardening</title>
    <meta name="description" content="terrace Gardening">
    <meta name="author" content="terrace Gardening">

    <!-- Mobile Specific Metas
    ===== -->
    <meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1">

    <!-- CSS
    ===== -->
    <!-- Definity CSS -->
```

```
<link href="css/zerogrid.css" rel="stylesheet" media="all" type="text/css">
<link href="css/style.css" rel="stylesheet" media="all" type="text/css">
<link href="css/menu.css" rel="stylesheet" media="all" type="text/css">
<!-- Lightbox -->
<link href="css/lightbox.css" rel="stylesheet" media="all" type="text/css">
<!-- Video Background -->
<link href="css/jquery.mb.ytplayer.min.css" rel="stylesheet" media="all" type="text/css">
<!-- Animate.css -->
<link href="css/animate.css" rel="stylesheet" media="all" type="text/css">
<link href="css/neon.css" rel="stylesheet" media="all" type="text/css">

<!-- Custom Fonts -->
<link href="font-awesome/css/font-awesome.min.css" rel="stylesheet" type="text/css">

<!-- Owl Carousel Assets -->
<link href="owl-carousel/owl.carousel.css" rel="stylesheet">
<!-- <link href="owl-carousel/owl.theme.css" rel="stylesheet"> -->

<!-- JS -->

<!--[if lt IE 8]>
    <div style=' clear: both; text-align:center; position: relative;'>
        <a href="http://windows.microsoft.com/en-US/internet-explorer/products/ie/home?ocid=ie6_countdown_bannercode">
            
        </a>
    </div>
<![endif]-->
```

```
<!--[if lt IE 9]>
<script src="js/html5.js"></script>
<script src="js/css3-mediaqueries.js"></script>
<![endif]-->

</head>

<body id="page-top">
<div class="wrap-body">

<!--//////////////////////////////Header-->
<header>
<div class="wrap-header" >

<!--Main Header-->
<div class="main-header">
<div class="bg-overlay">
<!--Hero Content-->
<div class="hero-content-wrapper">
<div class="hero-content">
<h4 class="h-alt hero-subheading wow fadeIn" data-wow-duration="2s" data-wow-delay=".7s">Best Gardening Services</h4>
<h1 class="hero-lead wow fadeInLeft" data-wow-duration="1.5s">Professional<br> Terrace Gardening Care</h1>
<a href="single.html" class="button button-skin wow fadeIn" data-wow-duration="2s" data-wow-delay="1s">Read More</a>
</div>
</div>

<!--Scroller-->
<div id="scroll-page-content">
<a href="#page-content" class="scroller">
<span class="scroller-text">scroll down</span>
```

```
<div class="scroller-button">
<i class="fa fa-angle-double-down"></i>
</div>
</a>
</div>
</div>
</div>

<!--Top Menu-->
<div id="cssmenu" >
<ul>
<li class="active"><a href="index.html"><span>HOME</span></a></li>
<li class="has-sub"><a href="#"><span>Category</span></a>
<ul>
<li class="has-sub"><a href="#"><span>Item 1</span></a>
<ul>
<li><a href="#"><span>Sub Item</span></a></li>
<li class="last"><a href="#"><span>Sub Item</span></a></li>
</ul>
</li>
<li class="has-sub"><a href="#"><span>Item 2</span></a>
<ul>
<li><a href="#"><span>Sub Item</span></a></li>
<li class="last"><a href="#"><span>Sub Item</span></a></li>
</ul>
</li>
<li><a href="archive.html"><span>Archive</span></a></li>
<li><a href="single.html"><span>About</span></a></li>
<li class="last"><a href="contact.html"><span>Contact</span></a></li>
<li class="active"><a href="login.html"><span>login/signup</span></a></li>
</ul>
</div>
```

```
</div>
</header>

<!--//////////////////////////////Container-->
<section id="page-content" class="index-page">
<div class="wrap-container">
<!-----content-box-1 ----->
<section class="content-box box-1">
<div class="zerogrid">
<div class="wrap-box"><!--Start Box-->
<div class="header wow fadeInUp" data-wow-delay=".1s" data-wow-duration="1s">
<h2>Projects Gallery</h2>
<span class="intro">Lorem ipsum dolor sit amet consectetur adipisicing</span>
</div>
<div class="content">
<div class="row">
<div class="lg-1-3 wow fadeInLeft" data-wow-duration=".8s">
<div class="ft-item">
<div class="ft-icon">

</div>
<h5>20 Years Experience</h5>
<p>Quae delectus cumque, tempore explicabo odit beatae! Nesciunt tempora cum
consequuntur.</p>
</div>
<div class="ft-item">
<div class="ft-icon">

</div>
<h5>License & Insurance</h5>
<p>Quae delectus cumque, tempore explicabo odit beatae! Nesciunt tempora cum
consequuntur.</p>
</div>
```

```
<div class="ft-item">
<div class="ft-icon">

</div>
<h5>Excellent Services</h5>
<p>Quae delectus cumque, tempore explicabo odit beatae! Nesciunt tempora cum
consequuntur.</p>
</div>
</div>
<div class="lg-1-3">

</div>
<div class="lg-1-3 t-right-xs wow fadeInRight" data-wow-duration=".8s">
<div class="ft-item">
<div class="ft-icon">

</div>
<h5>Best Experts</h5>
<p>Quae delectus cumque, tempore explicabo odit beatae! Nesciunt tempora cum
consequuntur.</p>
</div>
<div class="ft-item">
<div class="ft-icon">

</div>
<h5>Happy Customers</h5>
<p>Quae delectus cumque, tempore explicabo odit beatae! Nesciunt tempora cum
consequuntur.</p>
</div>
<div class="ft-item">
<div class="ft-icon">

</div>
```

```
<h5>Accountable Firm</h5>
<p>Quae delectus cumque, tempore explicabo odit beatae! Nesciunt tempora cum
consequuntur.</p>
</div>
```

```
<!--content-box-2 -->
<section class="content-box box-2 box-style-2">
<div class="zerogrid">
<div class="wrap-box"><!--Start Box-->
<div class="content wow fadeInLeft" data-wow-delay=".1s" data-wow-duration="1s">
<div class="row">
<div class="sm-1-2 offset-sm-2-4">
<blockquote><p>Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit
amet vultatup duista.</p></blockquote>
</div>
```

```
<!--content-box-3 -->
<section class="content-box box-3 box-style-1">
<div class="zerogrid">
<div class="wrap-box"><!--Start Box-->
<div class="header wow fadeInUp" data-wow-delay=".1s" data-wow-duration="1s">
<h2>What people are saying</h2>
<span class="intro">Lorem ipsum dolor sit amet consectetur adipisicing</span>
```

```
</div>
<div class="content wow fadeIn" data-wow-delay=".1s" data-wow-duration="1s">
<div class="row">
<div class="lg-1-4 md-1-3 sm-1-2">
<div class="wrap-col">
<div class="product">
<div class="product-thumbnail"><a href="#"></a></div>
<div class="product-content">
<div class="row">
<h2 class="product-title"><a href="#">Green decor</a></h2>
<div class="product-rating">
<i class="fa fa-star"></i>
<i class="fa fa-star"></i>
<i class="fa fa-star"></i>
<i class="fa fa-star"></i>
<i class="fa fa-star-o"></i>
</div>
</div>
<div class="row">
<div class="categories">
<a href="#" rel="tag">Accessories</a>, <a href="#" rel="tag">Plants</a>

</div>
<span class="price">
$290.00
</span>

</a>
</div>
<br>

</div>
</div>
</div>
```

```
</div>
<div class="lg-1-4 md-1-3 sm-1-2">
<div class="wrap-col">
<div class="product">
<div class="product-thumbnail"><a href="#"></a></div>
<div class="product-content">
<div class="row">
<h2 class="product-title"><a href="#">Green decor</a></h2>
<div class="product-rating">
<i class="fa fa-star"></i>
<i class="fa fa-star"></i>
<i class="fa fa-star"></i>
<i class="fa fa-star"></i>
<i class="fa fa-star-o"></i>
</div>
</div>
<div class="row">
<div class="categories">
<a href="#" rel="tag">Accessories</a>, <a href="#" rel="tag">Plants</a>
</div>
<span class="price">
$290.00
</span>
</div>
</div>
</div>
</div>
</div>
<div class="lg-1-4 md-1-3 sm-1-2">
<div class="wrap-col">
<div class="product">
<div class="product-thumbnail"><a href="#"></a></div>
<div class="product-content">
<div class="row">
```

```
<h2 class="product-title"><a href="#">Green decor</a></h2>
<div class="product-rating">
<i class="fa fa-star"></i>
<i class="fa fa-star"></i>
<i class="fa fa-star"></i>
<i class="fa fa-star"></i>
<i class="fa fa-star-o"></i>
</div>
</div>
<div class="row">
<div class="categories">
<a href="#" rel="tag">Accessories</a>, <a href="#" rel="tag">Plants</a>
</div>
<span class="price">
$290.00
</span>
</div>
</div>
</div>
</div>
</div>
<div class="lg-1-4 md-1-3 sm-1-2">
<div class="wrap-col">
<div class="product">
<div class="product-thumbnail"><a href="#"></a></div>
<div class="product-content">
<div class="row">
<h2 class="product-title"><a href="#">Green decor</a></h2>
<div class="product-rating">
<i class="fa fa-star"></i>
<i class="fa fa-star"></i>
<i class="fa fa-star"></i>
<i class="fa fa-star"></i>
<i class="fa fa-star-o"></i>
```

```
</div>
</div>
<div class="row">
<div class="categories">
<a href="#" rel="tag">Accessories</a>, <a href="#" rel="tag">Plants</a>
</div>
<span class="price">
$290.00
</span>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
<div class="row">
<div class="lg-1-4 md-1-3 sm-1-2">
<div class="wrap-col">
<div class="product">
<div class="product-thumbnail"><a href="#"></a></div>
<div class="product-content">
<div class="row">
<h2 class="product-title"><a href="#">Green decor</a></h2>
<div class="product-rating">
<i class="fa fa-star"></i>
<i class="fa fa-star"></i>
<i class="fa fa-star"></i>
<i class="fa fa-star"></i>
<i class="fa fa-star-o"></i>
</div>
</div>
<div class="row">
<div class="categories">
<a href="#" rel="tag">Accessories</a>, <a href="#" rel="tag">Plants</a>
```

```
</div>
<span class="price">
$290.00
</span>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
<div class="lg-1-4 md-1-3 sm-1-2">
<div class="wrap-col">
<div class="product">
<div class="product-thumbnail"><a href="#"></a></div>
<div class="product-content">
<div class="row">
<h2 class="product-title"><a href="#">Green decor</a></h2>
<div class="product-rating">
<i class="fa fa-star"></i>
<i class="fa fa-star"></i>
<i class="fa fa-star"></i>
<i class="fa fa-star"></i>
<i class="fa fa-star-o"></i>
</div>
</div>
<div class="row">
<div class="categories">
<a href="#" rel="tag">Accessories</a>, <a href="#" rel="tag">Plants</a>
</div>
<span class="price">
$290.00
</span>
</div>
</div>
</div>
```

```
</div>
</div>

<div class="lg-1-4 md-1-3 sm-1-2">
<div class="wrap-col">
<div class="product">
<div class="product-thumbnail"><a href="#"></a></div>
<div class="product-content">
<div class="row">
<h2 class="product-title"><a href="#">Green decor</a></h2>
<div class="product-rating">
<i class="fa fa-star"></i>
<i class="fa fa-star"></i>
<i class="fa fa-star"></i>
<i class="fa fa-star"></i>
<i class="fa fa-star-o"></i>
</div>
</div>
<div class="row">
<div class="categories">
<a href="#" rel="tag">Accessories</a>, <a href="#" rel="tag">Plants</a>
</div>
<span class="price">
$290.00
</span>
</div>
</div>
</div>
</div>
</div>
<div class="lg-1-4 md-1-3 sm-1-2">
<div class="wrap-col">
<div class="product">
<div class="product-thumbnail"><a href="#"></a></div>
<div class="product-content">
```



```
<span class="intro"></span>
</div>

<div class="content wow fadeIn" data-wow-delay=".1s" data-wow-duration="1s">
<div class="row">
<div class="lg-1-4 md-1-3 sm-1-2">
<div class="portfolio-box zoom-effect">

<div class="portfolio-box-caption">
<div class="portfolio-box-caption-content">
<div class="project-name">
Gardenig Tools
</div>
<div class="project-category">

</div>
<div class="project-button">
<a href="single.html" class="button button-skin">Buy Now</a>
</div>
</div>
</div>
</div>
</div>
<div class="lg-1-4 md-1-3 sm-1-2">
<div class="portfolio-box zoom-effect">

<div class="portfolio-box-caption">
<div class="portfolio-box-caption-content">
<div class="project-name">
Organic fertilizers
</div>
<div class="project-category">

</div>
<div class="project-button">
```

```
<a href="single.html" class="button button-skin">Buy Now</a>
</div>
</div>
</div>
</div>
</div>

<div class="lg-1-4 md-1-3 sm-1-2">
<div class="portfolio-box zoom-effect">

<div class="portfolio-box-caption">
<div class="portfolio-box-caption-content">
<div class="project-name">
Nutrients
</div>
<div class="project-category">

</div>
<div class="project-button">
<a href="single.html" class="button button-skin">Buy Now</a>
</div>
</div>
</div>
</div>
</div>

<div class="lg-1-4 md-1-3 sm-1-2">
<div class="portfolio-box zoom-effect">

<div class="portfolio-box-caption">
<div class="portfolio-box-caption-content">
<div class="project-name">
Pest Control
</div>
<div class="project-category">
```

```
</div>
<div class="project-button">
<a href="single.html" class="button button-skin">Buy Now</a>
</div>
```

```
<!-----content-box-5 ----->
<section class="content-box box-5">
<div class="zerogrid">
<div class="wrap-box"><!--Start Box-->
<div class="header wow fadeInUp" data-wow-delay=".1s" data-wow-duration="1s">
<h2>Latest News</h2>
<span class="intro">Lorem ipsum dolor sit amet consectetur adipisicing</span>
</div>
<div class="content wow fadeInRight" data-wow-delay=".1s" data-wow-duration="1s">
<div class="row">
<div class="sm-1-3">
<div class="wrap-col">
<div class="box-entry">
<div class="box-entry-inner">

<div class="entry-details">
<div class="entry-des">
<span><a href="#">08th Apr 2017</a></span>
<h3><a href="#">5 Reasons Why You Should have a Terrace Garden</a></h3>
```

<p>In an age of concrete jungles and virtual interactions, the therapeutic effects of nature are often forgotten. Over the years. ..</p>

<a class="button button-skin"
 href="https://mycloudforest.com/magazine/5-reasons-why-you-should-have-a-terrace-garden/">Read More

</div>

</div>

</div>

</div>

</div>

</div>

<div class="sm-1-3">

<div class="wrap-col">

<div class="box-entry">

<div class="box-entry-inner">

<div class="entry-details">

<div class="entry-des">

08th Apr 2017

<h3>Terrace Gardening: Everything you need to know.</h3>

<p>Before getting into the home terrace garden and cultivation, it is essential to have some vital information in arm's length. ..</p>

Read
More

</div>

</div>

</div>

</div>

</div>

</div>

<div class="sm-1-3">

<div class="wrap-col">

<div class="box-entry">

<div class="box-entry-inner">

```

<div class="entry-details">
<div class="entry-des">
<span><a href="#">08th Apr 2017</a></span>
<h3><a href="#">5 Secrets To Creating The Most Amazing Terrace</a></h3>
<p>Want to grow your own veggies but don't know how to begin? Dr. Viswanath, the
pioneer of terrace gardening in India, will tell you....</p>
<a class="button button-skin" href="https://www.thebetterindia.com/17686/5-secrets-to-the-most-amazing-terrace-
garden-from-expert-viswanath-kadur/">Read More</a>
</div>
```

```
<!--content-box-6 -->
<section class="content-box box-6 box-style-3">
<div class="zerogrid-fluid">
<div class="wrap-box"><!--Start Box-->
<div class="content wow fadeInLeft" data-wow-delay=".1s" data-wow-duration="1s">
<div class="clients-logo">
<div id="owl-brand" class="owl-carousel">
<div class="item">

</div>
<div class="item">

</div>
```

```
<!--content-box-7-->
<section class="content-box box-7">
<div class="zerogrid-fluid">
<div class="wrap-box"><!--Start Box-->
<div class="content wow fadeInLeft" data-wow-delay=".1s" data-wow-duration="1s">
<div class="row">
<div class="md-1-3">
<div class="wrap-col">
<div class="row">
```

```
<div class="sm-1-3">
<i class="fa fa-map-marker"></i>
</div>
<div class="sm-2-3 t-left-sm">
<h3>Address</h3>
<p>SRM UNIVERSITY KTR CAMPUS , CHENNAI-600076</p>
</div>
</div>
</div>
</div>

<div class="md-1-3">
<div class="wrap-col">
<div class="row">
<div class="sm-1-3">
<i class="fa fa-phone"></i>
</div>
<div class="sm-2-3 t-left-sm">
<h3>Phone</h3>
<p>Head Office:12345678 , 987654321</p>
</div>
</div>
</div>
</div>

<div class="md-1-3">
<div class="wrap-col">
<div class="row">
<div class="sm-1-3">
<i class="fa fa-envelope"></i>
</div>
<div class="sm-2-3 t-left-sm">
<h3>Email</h3>
<p><span>Email One :</span> info@yoursite.com </p>
</div>
</div>
```

```
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</section>

</div>
</section>

<!--/////////////////////////////Footer-->
<footer id="page-footer">
<div class="zerogrid wrap-footer">
<div class="row">
<div class="sm-1-4 col-footer-1">
<div class="wrap-col">
<h3 class="widget-title">About Us</h3>
<p>Ut volutpat consectetur aliquam. Curabitur auctor in nis ulum ornare. Metus elit vehicula  
dui. Curabitur auctor in nis ulum ornare. Sed consequat, augue condimentum fermentum</p>
<p>Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque la  
udantium</p>
</div>
</div>
<div class="sm-1-4 col-footer-2">
<div class="wrap-col">
<h3 class="widget-title">Recent Post</h3>
<ul>
<li><a href="#">MOST VISITED COUNTRIES</a></li>
<li><a href="#">5 PLACES THAT MAKE A GREAT HOLIDAY</a></li>
<li><a href="#">PEBBLE TIME STEEL IS ON TRACK TO SHIP IN JULY</a></li>
<li><a href="#">STARTUP COMPANY???S CO-FOUNDER TALKS ON HIS NEW  
PRODUCT</a></li>
</ul>
```

```
</div>
</div>
<div class="sm-1-4 col-footer-3">
<div class="wrap-col">
<h3 class="widget-title">Tag Cloud</h3>
<a href="#">animals</a>
<a href="#">cooking</a>
<a href="#">countries</a>
<a href="#">city</a>
<a href="#">children</a>
<a href="#">home</a>
<a href="#">likes</a>
<a href="#">photo</a>
<a href="#">link</a>
<a href="#">law</a>
<a href="#">shopping</a>
<a href="#">skate</a>
<a href="#">scholl</a>
<a href="#">video</a>
<a href="#">travel</a>
<a href="#">images</a>
<a href="#">love</a>
<a href="#">lists</a>
<a href="#">makeup</a>
<a href="#">media</a>
<a href="#">password</a>
<a href="#">pagination</a>
<a href="#">wildlife</a>
</div>
</div>
<div class="sm-1-4 col-footer-4">
<div class="wrap-col">
<h3 class="widget-title">Gallery</h3>
<div class="row">
```

```
<div class="sm-1-3 xs-1-2">
<div class="wrap-col">
<a href="#"></a>
</div>
</div>
<div class="sm-1-3 xs-1-2">
<div class="wrap-col">
<a href="#"></a>
</div>
</div>
<div class="sm-1-3 xs-1-2">
<div class="wrap-col">
<a href="#"></a>
</div>
</div>
<div class="sm-1-3 xs-1-2">
<div class="wrap-col">
<a href="#"></a>
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<div class="sm-1-3 xs-1-2">
<div class="wrap-col">
<a href="#"></a>
</div>
</div>
<div class="sm-1-3 xs-1-2">
<div class="wrap-col">
<a href="#"></a>
</div>
</div>
<div class="sm-1-3 xs-1-2">
<div class="wrap-col">
<a href="#"></a>
</div>
```

```
</div>
<div class="sm-1-3 xs-1-2">
<div class="wrap-col">
<a href="#"></a>
</div>
</div>
<div class="sm-1-3 xs-1-2">
<div class="wrap-col">
<a href="#"></a>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
<div class="zerogrid bottom-footer">
<div class="row">
<div class="bottom-social">
<a href="#"><i class="fa fa-facebook"></i></a>
<a href="https://www.instagram.com/"><i class="fa fa-instagram"></i></a>
<a href="#"><i class="fa fa-twitter"></i></a>
<a href="#"><i class="fa fa-google-plus"></i></a>
<a href="#"><i class="fa fa-pinterest"></i></a>
<a href="#"><i class="fa fa-linkedin"></i></a>
<a href="#"><i class="fa fa-youtube"></i></a>
</div>
</div>

</div>
</footer>
<div id="page-top"><a href="#page-top" class="button button-toTop f-right"><i class="fa fa-angle-double-up"></i></a></div>
```

```

<!-- ===== Scripts ===== -->
<script src="js/jquery-3.1.1.min.js"></script>
<script src="js/menu.js"></script>
<script src="js/jquery.localScroll.min.js"></script>
<script src="js/jquery.scrollTo.min.js"></script>
<script src="js/SmoothScroll.js"></script>
<script src="js/wow.min.js"></script>

<!-- Owl Carousel JS -->
<script src="owl-carousel/owl.carousel.js"></script>

<!-- Google Map -->
<script src="js/google-map.js"></script>
<script src="https://maps.googleapis.com/maps/api/js?key=AIzaSyB7V-
mAjEzzmP6PCQda8To0ZW_o3UOCVCE&callback=initMap" async defer></script>

<!-- Definity JS -->
<script src="js/main.js"></script>
</div>
</body></html>

```

Result of Module 3



PROJECTS GALLERY

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Have any questions? Let's get in touch!

Contact us if you are thinking of redesigning your garden, adding some garden features or simply looking for a bit of garden maintenance.

Your Name
Your Email
Message

SUBMIT

Result:

Thus, the module3 was implemented and documented successfully.

Test Plan, Test Case

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1. Executive Summary

Test all functional and non functional requirements of the system.

2. Test Plan

Functional testing is a type of testing which verifies that each function of the software application operates in conformance with the requirement specification. This testing mainly involves black box testing, and it is not concerned about the source code of the application.

Non-functional testing is a type of testing to check non-functional aspects (performance, usability, reliability, etc.) of a software application. It is explicitly designed to test the readiness of a system as per non-functional parameters which are never addressed by functional testing.

2.1. Scope of Testing

2.2. Types of Testing , Methodology , Tools

Category	Methodology	Tools Required
Functional Requirements	Manual	Excel Template
Functional Requirements	Manual	Php myadmin
Functional Requirements	Manual	firebase

3. Test Case

3.1. Functional Test Cases

Test ID (#)	Test Scenario	Test Case	Execution Steps	Expected Outcome	Actual Outcome	Status	Remarks
	1.Verify that all the specified fields are present on the registration page. 2.Verify that the required/mandatory fields are marked with * against the field.	Proceed further if inputs are valid	1. User clicks on User Registration link 2. Enter the details 3. Click signin/signUpbutton	User should be taken to the next page		Pass	success
	Verify that the user is able to navigate through all the products across different categories.	Proceed for further user operation	Navigate to different section of the site	Navigate to different section of the site		Pass	success
	Verify that the user can add to cart one or more products. Verify that users can add products to the wishlist. Verify that the user can buy products added to the cart after signing in to the application	If yes proceed to checkout and manage cart.	1.Click on add to cart button 2.Check whether user receive message on successful addition of the product to cart	User should be taken to the cart page and provide further operational requirement		Pass	success
	Verify that the product creation panel is working fine for single product creation. Verify that the product creation panel is working fine for multiple product creation.	Admin can proceed to add new product with required details	1. Enter the product category, sub category and description. 2.Click on add product 3.Check user site that product is added sucessfully	Product should be added		Pass	success

3.1. Non-Functional Test Cases

Test ID (#)	Test Scenario	Test Case	Execution Steps	Expected Outcome	Actual Outcome	Status	Remarks
1	Reusability			Extend use of appointment booking forms		Pass	Success
2	Scalability			Adopt to large user		fail	Local hosting

4. Test Report Reference

1. <https://www.pmi.org/>