



REPORT TITLE

STUDENT'S
NAME

Date

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Course title

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| 4 | Next increments | خطأ! الإشارة المرجعية غير معروفة. |

1 Problem Statement

The conventional method is manual based. The conventional method of purchasing flowers for an occasion is walking into a florist shop to choose the suitable design and to discuss about additional ornaments and gifts. Besides that, purchasing is also made through the phone by inquiring. These methods are time consuming and tedious. At times, people cannot find time between their busy work schedule to drop by the shop due to time constraint. Therefore, it is necessary to develop an online system that will easily enable the customers to choose the type of bouquets they would like to purchase. In other hand ,Many flowers Shops has ideas and gorgeous products but they don't have a way to market their products outside in a place where it is so easy to be missed or be shadowed easily by other enticing products. therefore, the venerability of product becoming bad, like for examples the cut flowers can wilt easily of not sold on time. flowers .So the availability and accessibility will be meet in the project

2 Project Proposal

2.1 Overview

The Online Flower Delivery System names 'Florist Shop' is an e-commerce system that advertise and sells various flowers on the Internet. The purpose of this project is to develop an interactive online website to promote small scale entrepreneurs' businesses. This system also provides reliable delivery service for customers who purchase the flowers online.

This system can be accessed on internet by using electronic devices from anywhere and anytime. This system will have all the important records on one single website which can be accessed by the customers.

2.2 Solutions, Scope of Work, and Deliverables

Among the most desired solutions of this proposed project are to design and develop a web-based system for bouquets order and delivery. In addition, to implement web-based system for the flower shop, which emphasize on the customers, florists, delivery staffs and marketing via online.

The scope of the project is universal for all cities in Saudi Arabian; anyone can browse the website and order flowers. This website will offer an online flowers shop, which is contain

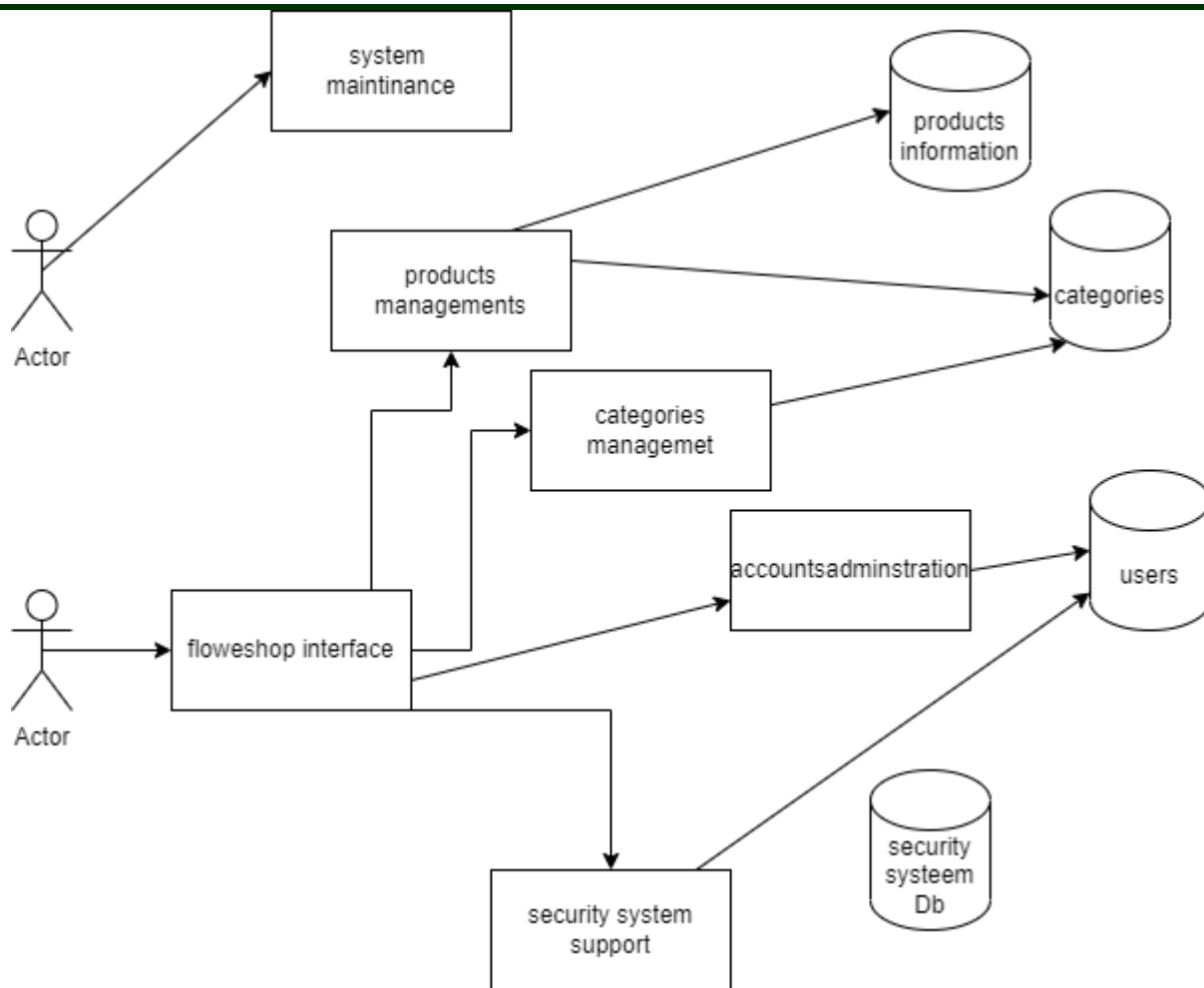
multiple choices of flowers for several occasion. The website will contain login page and home page, which contain landing page and added recently products. In addition, wedding and gifts page will show all products by categories. Finally about page will contain information about the shop and contact us page customers can use it if they have any question.

2.3 Preliminary Analysis and Design

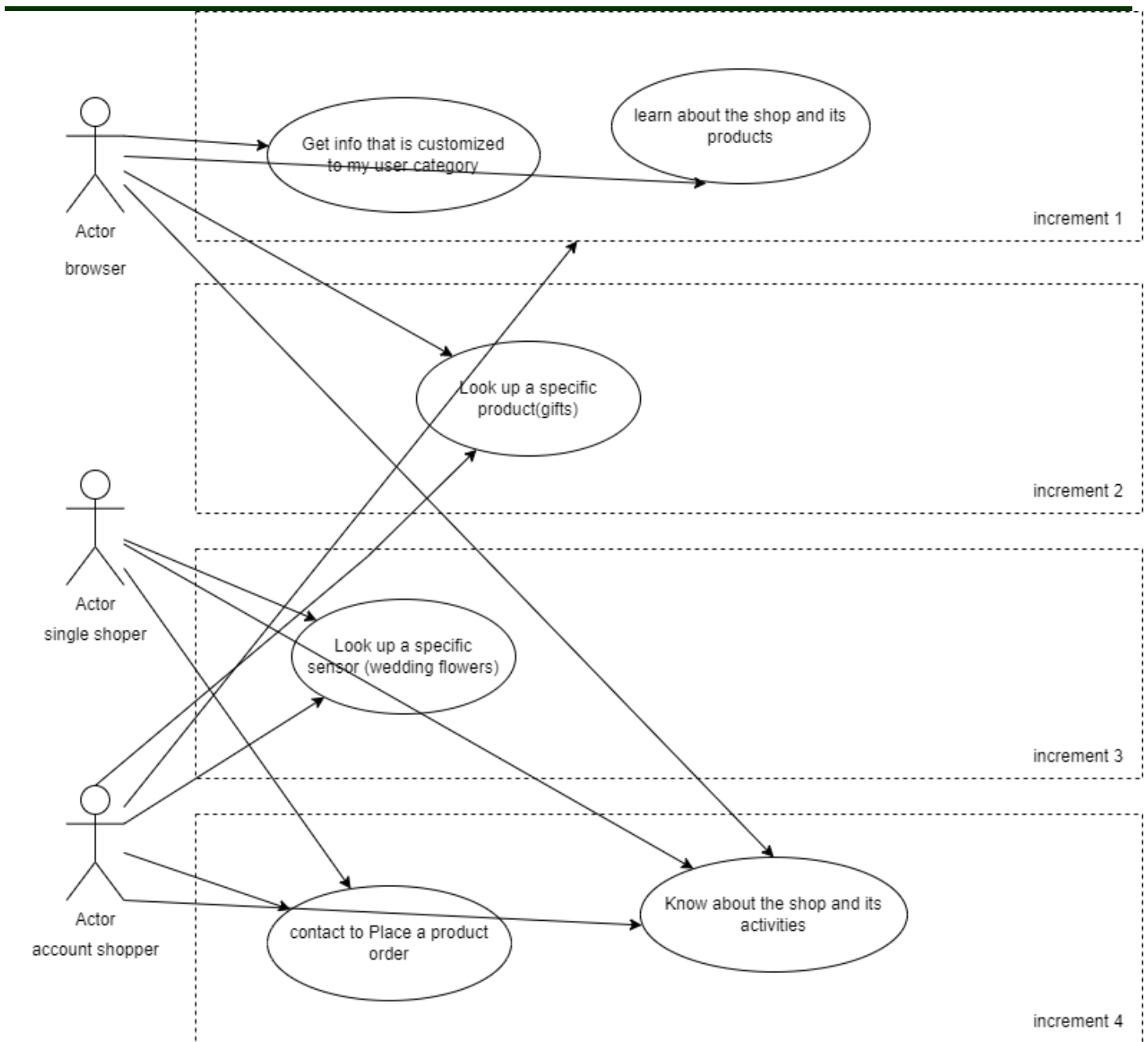
As per a discussion with stakeholder, we have attached a preliminary sketch of the website design. It will include a home page, wedding page for wedding bouquets, gifts page for gifts bouquets also contact and about pages.

The florist (website's admin) able to update, edit and delete their product details in the system. They will promote different types of bouquets for different categories, which are the wedding, gifts.

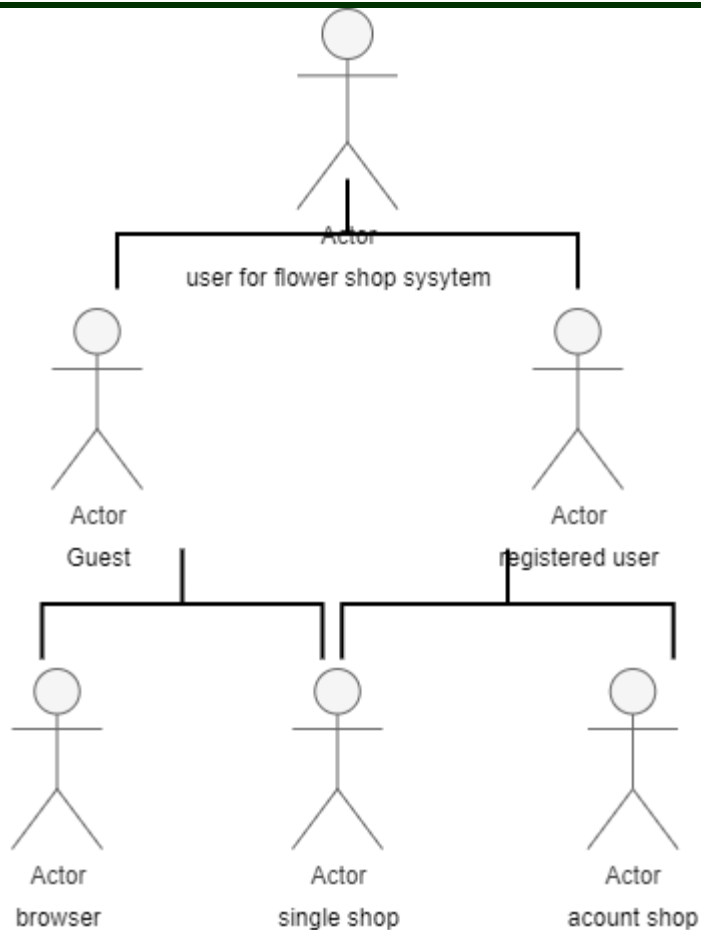
The customer can choose their bouquets according to given categories for their occasion. At the same time, the customers can give their opinion about the service in the feedback section. Besides that, they also can order their bouquets according to their budget. The customers also can add their favorite bouquets to the cart for future purchase.



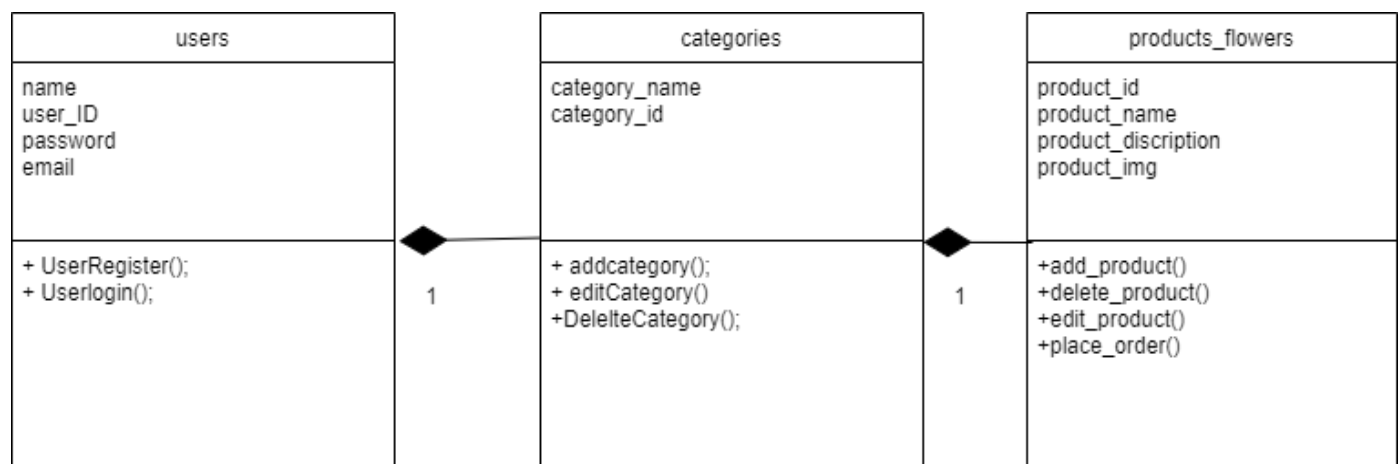
Use Case Diagram



User hierarchy For florist web app



Class Diagram



2.4 Schedule

The project schedule is used as a guideline to be implemented for the advancement of the proposed project. This final year project will be completed throughout the first semester of the academic year of 2022/2023.

Macroscopic scheduling

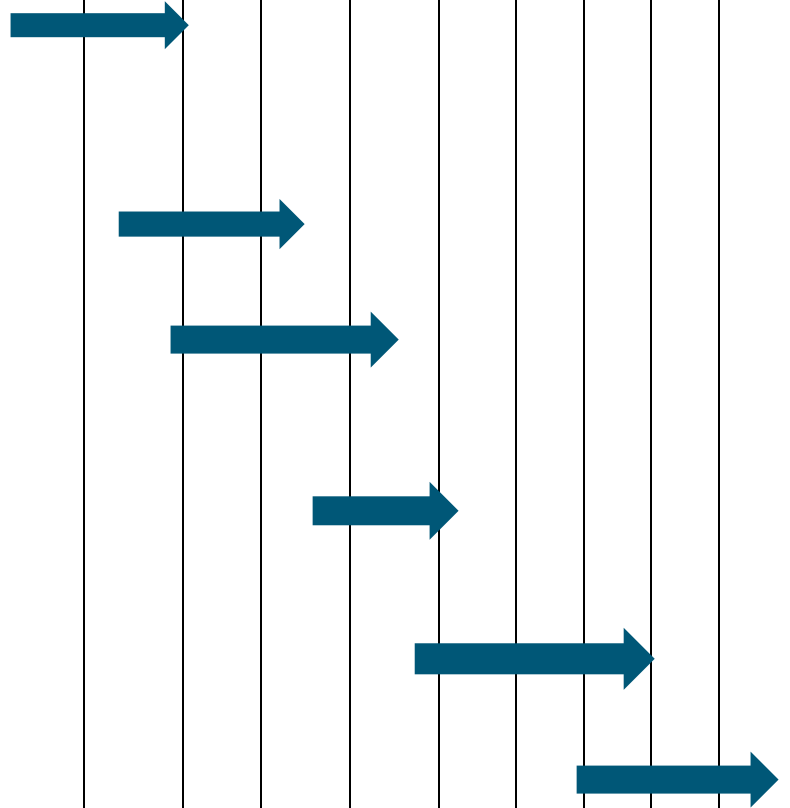
Table 1 Weeks

| Increments | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|----|
| 1. Design the homepage of the project 1 Make the increment plane (home page increment). 2 Review stockholders. 3 Analysis for the increment requirements. 4 Design the increment and website's interface and sketch. 5 Implementation for the design 6 Test and evaluation for the increment | | | | | | | | | | |
| 2. Design the gifts page of the project 1 Make the increment plane (home page increment) . 2 Review stockholders. | | | | | | | | | | |



4. Design the contact and about the company page of the project

- 1 Make the increment plane (home page increment) .
- 2 Review stockholders.
- 3 Analysis for the increment requirements.
- 4 Design the increment and website's interface and sketch.
- 5 Implementation for the design
- 6 Test and evaluation for the increment



3 Increment1

3.1 Tasks

1. Make the increment plane (home page increment) .
2. Review stockholders.
3. Analysis for the increment requirements.

-
4. Design the increment and website's interface and sketch.
 5. Implementation and develop the design
 6. Test and evaluation for the increment

3.2 Formulation, Negotiation, and Elicitation

Allow the customer to login and brows the home page. show all the flower shop products according to Elicitation:

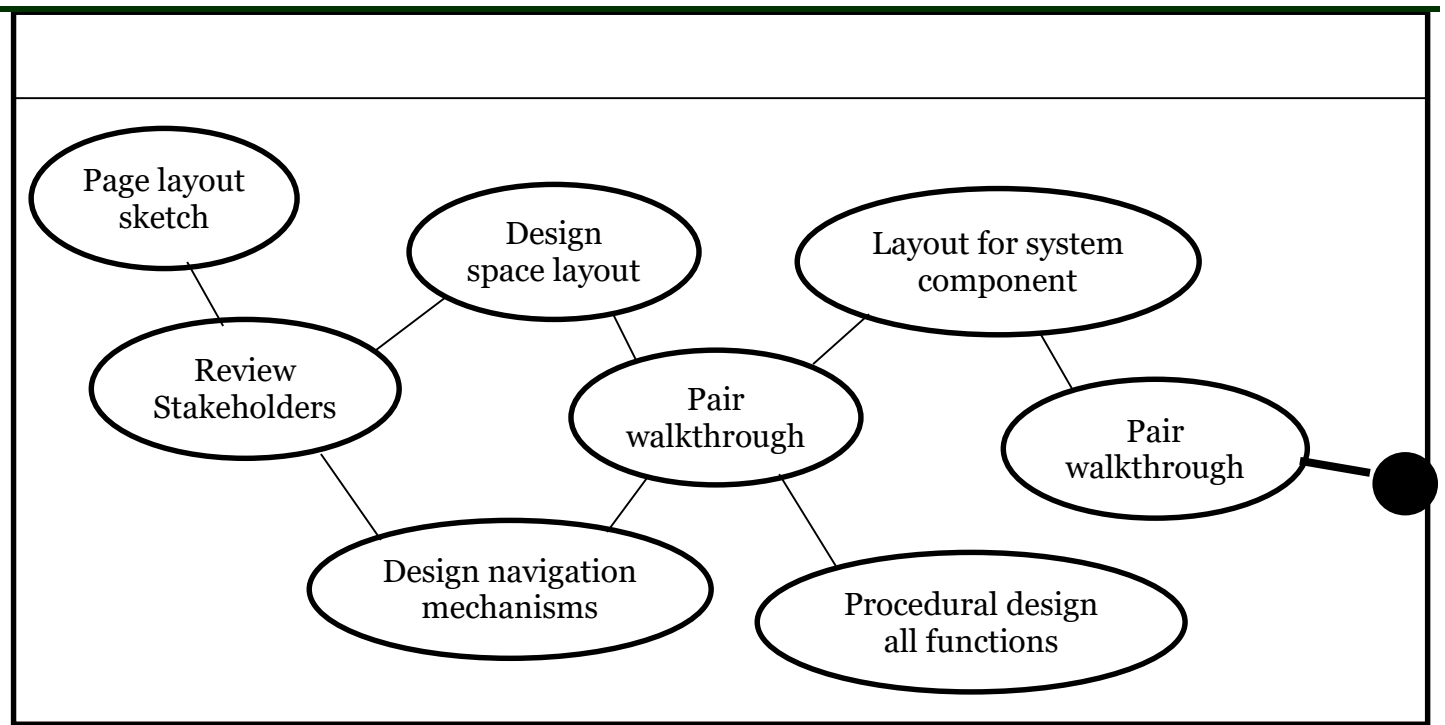
Many flowers shop does not have a perfect tools to market their products and deliver their ideas to other people ,

We made this website to share their ideas and works with other people and help them to get more customers. This project will contain many products divided into categories that serve many occasions.

We have done meetings with stockholder and define the main objectives and requirements of the project. Users of this website will be individual user who brows flowers by its category and order any product in the website.

3.3 Planning

Making the home page increment plan . we analysis the requirement .design the home page header ,landing page ,body and the footer .then we deploy it and make sure that is responsive .



3.4 Analysis Modeling

Example Screenshot of flower shop home page

Flower Arrangements

• For all special occasions •

Lorem ipsum dolor sit amet, consectetur
adipiscing elit, sed do eiusmod tempor
incididunt ut labore et dolore magna aliqua.

Shop Now

Read More



3.5 Design Modeling

In order to design an effective interface we identify set of overriding design principles:

performance: the website will be able to add many products and show them to the user

It also allows any person (visitor) to order any product .

Consistency. the website must ensure that no errors will happen during any process and the team will guarantee that this kind of problems will never happened

3.6 Construction and Testing

3.6.1 GUI website testing:

The system has a simplistic and intuitive interface that allow you to manage and control services in multiple location easily and efficiently

3.6.2 Usability testing:

The system has simple features and interfaces that allow easy learning and make information available to the user all the time.

3.6.3 Security testing:

The system is secure and each user has a validity to access and modify his information, only the admin can access to the system, which has many privileges that make the system more secure.

3.6.4 Accessibility testing:

The system has simple interfaces so, it is accessible and easy to use for various users and help them to include users with disability to use the system easily.

6.6.5 Reliability testing:

The system works for long period and does not constantly crush.

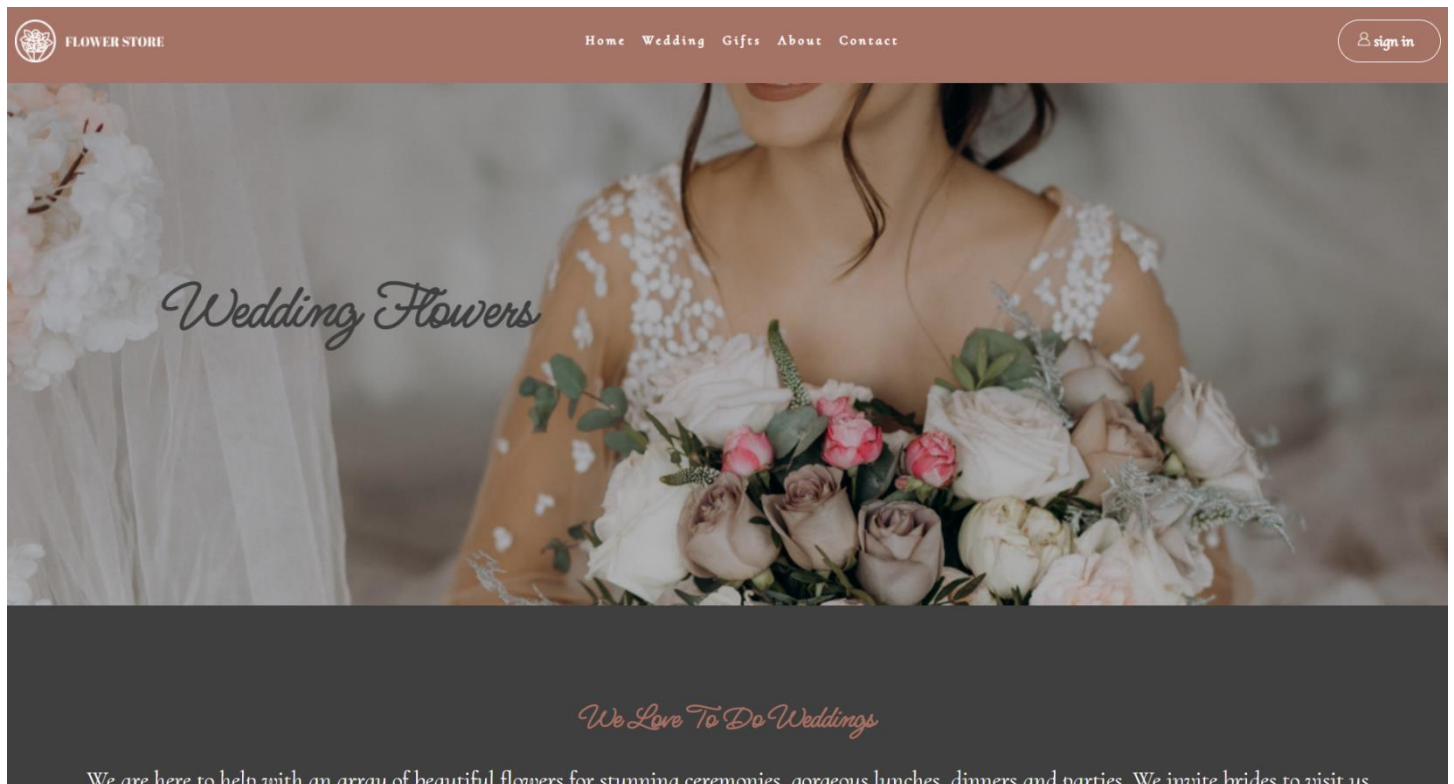
3.7 Deployment

We develop the website in way of project increments so we start analysis and then manage customer expectations of each increment. We test each increment before we deliver it, make sure the website functionality, and test it from bugs and we test it in many screens and hardware capabilities. We evaluate each increment and improve it to achieve customers' loyalty.

4. Increment2

4.1 Tasks

1. Make the increment plane (wedding Categories page) .
2. Review stockholders.
3. Analysis for the increment requirements.
4. Design the increment and website's interface and sketch.
5. Implementation for the design
6. Test and evaluation for the increment



4.2 Formulation, Negotiation, and Elicitation

Allow the customer to login and brows the flower in weddings categories and the can buy and order any product in this page

4.3Planning

Making the weeding page increment plan . we analysis the requirement .design the home page header ,landing page ,body and the footer .then we deploy it and make sure that is responsive .

4.5Deployment

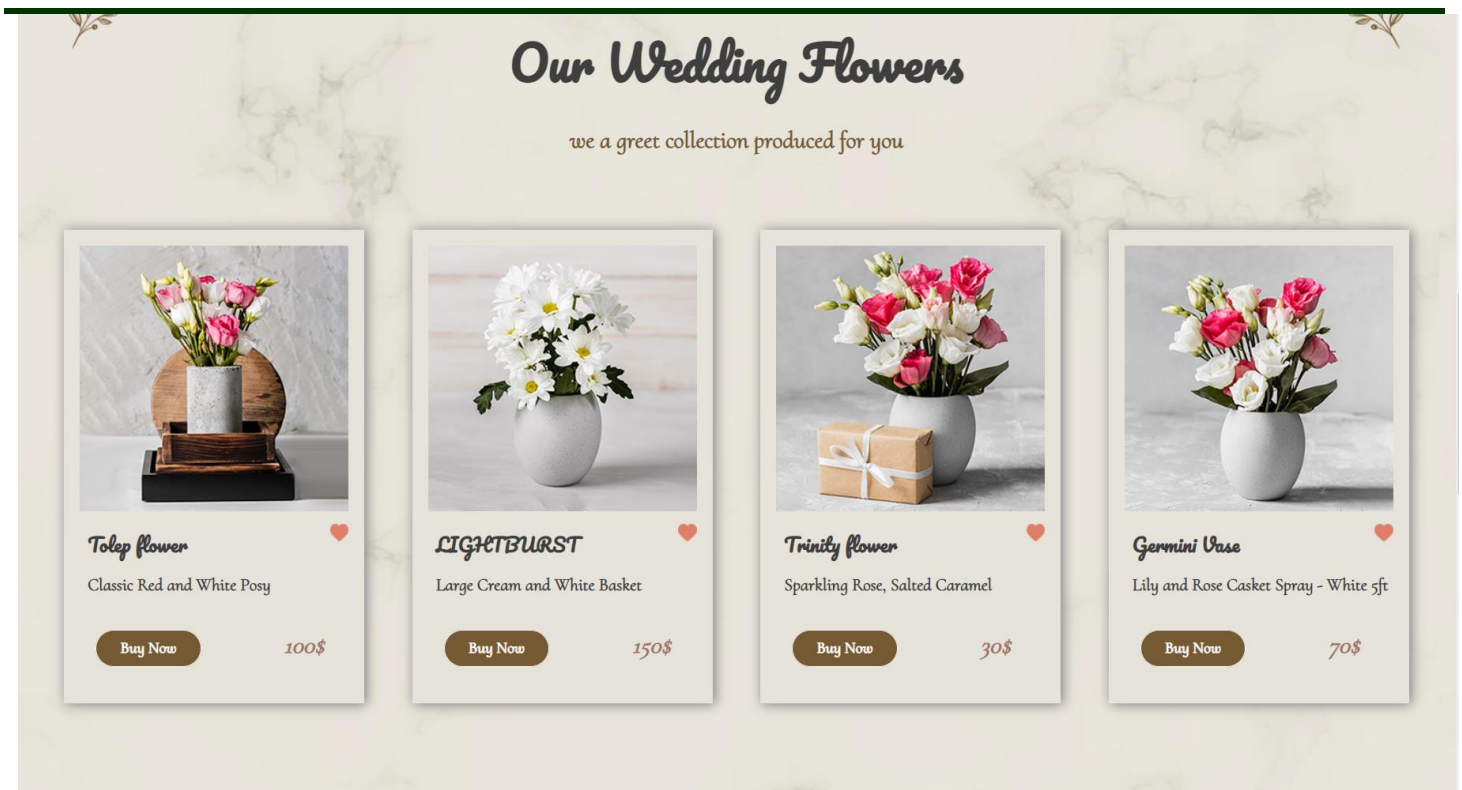
We develop the website in way of project increments so we start analysis and then manage customer expectations of each increment. We test each increment before we deliver it, make sure the website functionality, and test it from bugs and we test it in many screens and hardware capabilities.

We evaluate each increment and improve it to achieve customers' loyalty.

5. Increment3

5.1Tasks

1. Make the increment plane (Gift Categories page) .
 2. Review stockholders.
 3. Analysis for the increment requirements.
 4. Design the increment and website's interface and sketch.
 5. Implementation for the design
 6. Test and evaluation for the increment
-



Formulation, Negotiation, and Elicitation

Allow the customer to navigate and brows the flower in gifts categories and the can buy and order any product in this page

4.3Planning

Making the weeding page increment plan . we analysis the requirement .design the home page header ,landing page ,body and the footer .then we deploy it and make sure that is responsive .

4.5Deployment

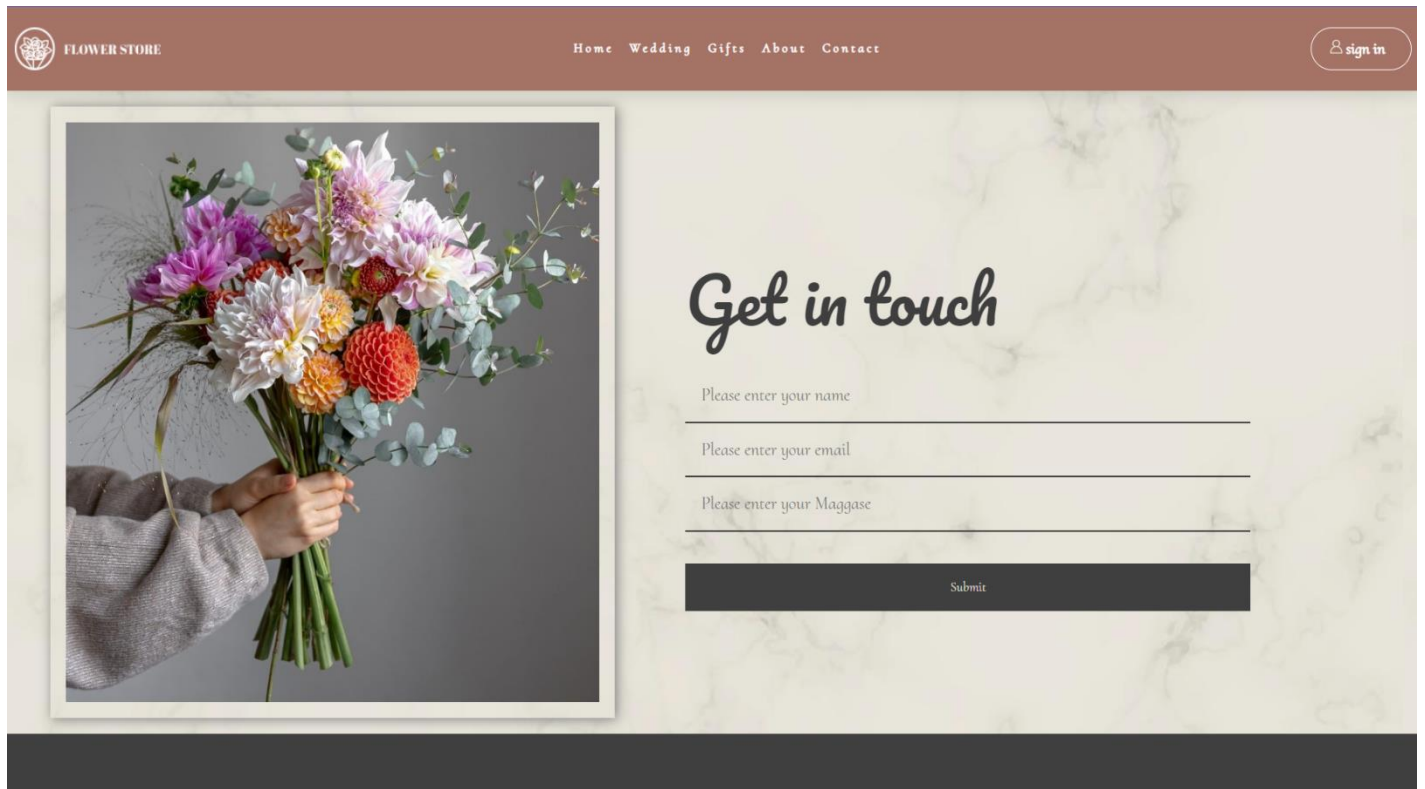
We develop the website in way of project increments so we start analysis and then manage customer expectations of each increment. We test each increment before we deliver it, make sure the website functionality, and test it from bugs and we test it in many screens and hardware capabilities. We evaluate each increment and improve it to achieve customers' loyalty.

6. Increment4

3.1 Tasks

1. Make the increment plane (Contact and about page) .

2. Review stockholders.
3. Analysis for the increment requirements.
4. Design the increment and website's interface and sketch.
5. Implementation for the design
6. Test and evaluation for the increment



Formulation, Negotiation, and Elicitation

Allow the customer to navigate and contact page if they have any question about the flower so they can write and send any message to admin

4.3Planning

Making the wedding page increment plan. we analysis the requirement. design the home page header, landing page, body and the footer. then we deploy it and make sure that is responsive.

4.5Deployment

We develop the website in way of project increments so we start analysis and then manage customer expectations of each increment. We test each increment before we deliver it, make sure the website functionality, and test it from bugs and we test it in many screens and hardware capabilities. We evaluate each increment and improve it to achieve customers' loyalty.