Project Report

" Flower Bouquet Management System"

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Introduction

The flower market is a booming industry in Bangladesh now with high profits and diverse opportunities. The increasing use of flowers for not only decorating event halls but also as gifts on special occasions has been the reason for increasing florists in our country but most of them do not have a proper database system to manage their vast workload. The customers who want to buy flowers also have to go through a lot of hassle to find out flower shops and their choice of flowers. These problems might lead to loss of profit. This web application will help business owners to manage and store products and sales data. Customers would be able to book flowers from the comfort of their own homes. Pricing and damage of products, cancellation of orders - all kinds of data will be stored; transactions will be secured. Orders will be taken faster through this website. It will improve the profitability from individual sales and decrease wastage and products. The bouquets will be set to the customers in the best quality and within their specified time.

About Flower Bouquet Management System

A Flower Bouquet Management System (FBMS) is a software application or a web-based technology, enabling management and delivery of flower bouquet to the customers.

Typically, a flower bouquet management system provides a portal with a way to buy, supply and deliver flower bouquet, designing the bouquet according to requirements.

A flower bouquet management system may also provide customizing the bouquet for various occasions with the ability to use interactive features such as augmented reality and demo video. Besides, it facilitates administration, documentation, tracking and reporting of programs and events.

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Objectives

- Manage and store manager, salesmen, and customer data.
- Provide information about pricing and quality of products.
- Fast delivery of flower bouquets to the customers' doorsteps.
- Manage late arrival, damage, and order cancellation of products.

- Provide secured online payment for customers.

- Provide a user-friendly interface for the usage of people not used to technology.

- Provide a centralized system for business owners, managers, salesmen, and customers to store data and communicate.

Target Customers

- Customers - People who will use the system to buy and book flower bouquets.

- Salesman - Sales representative who will communicate and work with customers to find what they want, create and ensure a sales process • Managers - People who will use the application for leading and guiding a team of sales representatives. They will be able to add new products and modify product details.

- Business owners - The person who will have access to all the data regarding the flower shop and will use the application to manage the whole business.

Value Proposition

The website will reduce the time and bother of going to a flower shop and constantly ask for pricing, quality, and such details of the flower bouquets. Also, the manager and salesmen will be notified of order cancellation, damaged products, and such problems. They will be able to figure out the solutions to the problems faster as customers will be able to connect with them through the website. The customers will also be able to modify or cancel their orders if they have a change of mind.

Purpose and Benefits of FBMS project:

The main objective of Flower Bouquet Management Systems is to enhance the festive process. A Flower Bouquet Management System not only delivering bouquet, but also handles supplying flowers, shop administration, demand and supply gap analysis, tracking, and reporting. Most FBMSs are web based and are used in various shops and companies to improve quality of flower. They are used in various industries and scenarios like in corporate services, cultural program, and so on.

User Story

Use Case 1:

Mr. *XYZ*, the customer needs to buy bouquets. He has two options.

a) Search in fbms site. Which gives him options to register customers name based on his area. He needs to able send them order or mobile notification for next level of activities like preparing flower bouquet etc.

b) He posts a new order. Based on his system should send notification to those who's competencies match with his order. He will be able to send notification for next level of activities.

Use Case 2:

Sellers need to join in shops. They have options

a) Search in the site for their interest orders.

b) Join the orders by registering themselves.

Use Case 3:

Seller *A* did not join the shop. But he wants to know update about order. He has 2 options

a) Search in the site

b) Can comment about order.

Web Application Features and Description

The landing page will be the home page. On the top of the website, there will be options such as - admin, salesman, manager, and customer. Different options will redirect the users to different pages suitable for their use. The customers will have the following features:

- They will have to sign up first.

- Log in.

- View product pricing and product description.

- View past orders.

- Add products to the cart.

- Place orders and have the option to pay both online and offline.

- Cancel order within a limited amount of time.

- Report damaged products.

- Contact with salesmen.

The salesman option will have the following features:

- Log in.

- View customer orders.
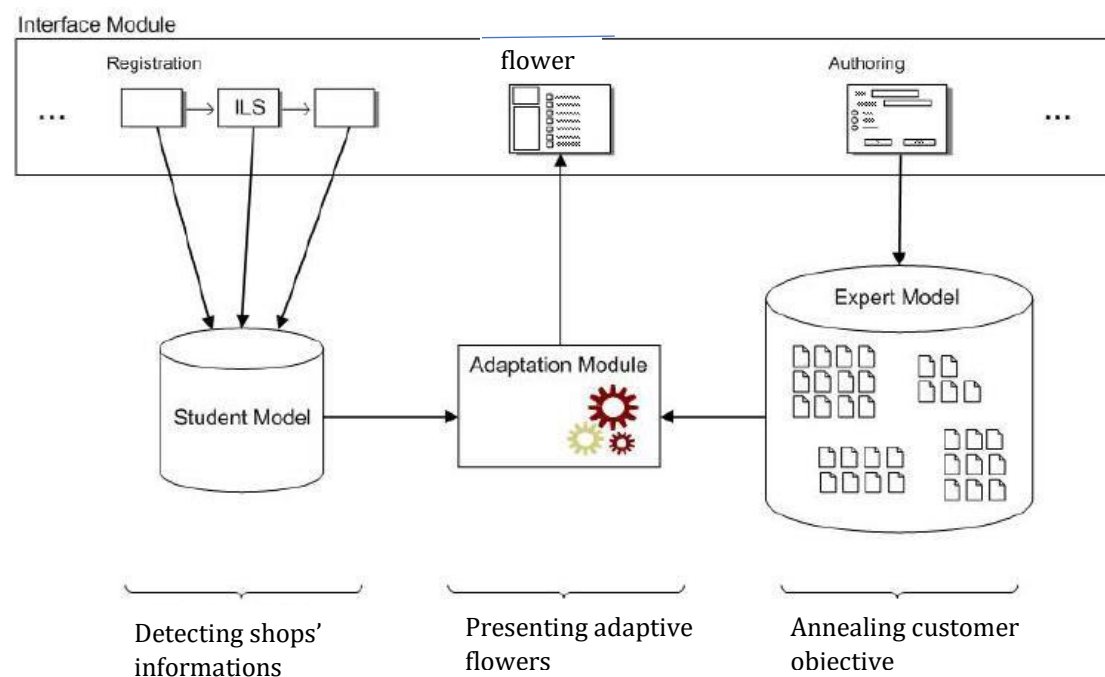
- View canceled orders.

- Contact with customers.

The manager option will have the following features:

- Manage and modify sales representatives.

- View customers and their orders.

- Add new products.

- Modify existing product details.

The admin can:

- Access all the data regarding the manager, salesmen, and customers.

- Insert, change and delete data if necessary.

Tools and Resources

Detecting shops' informations | Presenting adaptive flowers | Annealing customer obiective

HTML
Javascript
MySQL
PHP
Web server API for sms

Challenge

One of the biggest challenges will be the cost. As there will be a huge amount of data, there could be a chance of high-cost maintenance. The amount of data might also be the reason for the long duration of data processing. The website has to be designed in such a way so that anybody can use it; regardless of their technological expertise. Also, connection and providing security for online payment will be difficult. ri.com