PROJECT PROPOSAL
"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.

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.

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

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.