

National University of Computer and Emerging Sciences



Database Project Proposal

AGROFLORA



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Introduction:

The website will be an online store where customers can purchase gardening related products from retailers that have signed up with the website. Retailers can add products to their portfolio and these products can be rated, and shared by customers.

Functions:

Below mentioned section refers to all the functionalities which are to be implemented in the project.

1. Sign Up

Customers can create new accounts in order to purchase products from the site. Retailers can create new accounts in order to add products to their portfolio

2. Log In

Customers/Retailers/Admin can log in to their accounts

3. Edit Profile

Customers/Retailers can edit their personal information.

4. Catalogue

Customers can see the entire catalogue of products available by various retailers.

5. Search

Customers can search for a specific product or apply filters to view products of a particular kind.

6. Transaction History

Customers can see their past purchases while retailers will be able to view their past sales. Regular customers may also receive discounts.

7. Rate a product

Customers can choose to rate and review a product they have purchased.

8. Transaction System

Customers can add products to a cart and then proceed to checkout.

9. Retailer accounts can add products

Retailers can add their products on the website. However, admin can remove the product if needed.

10. Front page product prioritization

Select products (like most popular, newest arrivals etc.) will be chosen to populate the landing page.

Optional Functions:

1. Retailer rating based on products

Retailers have a rating associated to their account which is calculated from the average of the ratings of their products

2. Tags

Each product can be specified with a number of tags to make searches more precise

3. Suggestions based on history

Customers will get suggestions for products based on their previous purchases