Department of Computer Science

Mid Term Project Proposal, Summer 18-19

Course Title	Advance Programming in Web Technology	Section	A

Group Members:

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Project Title:

Agro Farm Management System

Short Description:

The 'Agricultural Farm Management System' is an application that has been designed to maintain all information of a farm that produce fruits, vegetables as well as crops. This application allows Admin to access and control information such as employee and distributor records, warehouse or storage records, transaction records etc. It also provides search facility for necessary treatment for plants according to symptoms. This project also deals with developing an e-commerce website for Agricultural Product Sale. It provides the customer with a catalog of different product available for purchase in the store. In order to facilitate online purchase a shopping cart is provided to the customer. Sales Distributor can order large amounts of products and manage delivery persons. He also can control distributor's warehouse.

There are four types of user in this system:

- Owner
- Admin Panel
- Customer
- Sales Distributor

Owner functionalities:

1. Owner can control all the users.
2. Views Product Reports
3. CRUD operation
4. Search ability from Reports
5. Assign Admin Panel
6. Login
7. Log Out
8. Email Verification
9. Reset Password
10. Deals with recording the transactions of farm.
11. Integration of all records of employees
12. View Statistic Graph of Transaction.
13. View Appointment
14. Update Profile.
15. Approve orders from distributors.

Admin Panel functionalities:

16. Login
17. Logout
18. CRUD Operation.
19. Admin can control the customers but can not control owners.
20. Reset Password
21. Search
22. Book appointment
23. Tracks all the information of Plants, Medicines, farm etc
24. Shows the information and description of the treatments.
25. Cancel appointment
26. Recording the transactions of farm.
27. View Statistic Graph of Transaction.
28. Control Customer Orders
29. Control Customers
30. Manage Product special offers

Customer functionalities:

31. Login
32. Logout
33. Update profile
34. Email verification
35. Reset Password
36. Search products
37. Help and support

38. Add to cart
39. Checkout
40. Make payments
41. View order status
42. View product
43. Registration
44. View special offers
45. Add product review

Sales Distributor Functionalities:

46. Login
47. Log out
48. Request order
49. View profile
50. Reset Password
51. CRUD operation
52. Manage delivery man
53. Make payments
54. Search products
55. View products
56. Assign delivery man
57. Control distributor warehouse
58. View Sales status
59. View Statistic Graph
60. Add product review