SOT
SCHOOL OF TECHNOLOGY

PDEU
PANDIT DEENDAYAL ENERGY UNIVERSITY
Formerly Pandit Deendayal Petroleum University (PDPU)
UGC RECOGNIZED

AWT Project Report

Team

Yogi Makadiya [19BCP145]
Keyanshu Gariba [19BCP150]
Shyamal Gandhi [19BCP128]
Computer Science & Engineering
Information Security LAB
Submission Date : 26/04/2022

➢ Project Description:

Smart Restaurant Management System is a new generation of restaurant management software. When users/customer will enter in the website, he/she should have an account. If user does not have an account, user has to create a new account to order food. To create a new account user should enter unique username, email and new mobile no. with password. User fill his/her address for food delivery. Once user enters in the website, you can see different types of food available in restaurant. First select category of food from soups, starters, the main course dishes and desserts. After that search food as your interest. select food you want to order. After selecting all your meal place your order and confirm your address. Then website will show you various type of payment methods and your total bill amount. You can choose best deal for your meal.

➢ Technologies Used:

- Django
- Python
- Bootstrap
- HTML
- CSS
- SQLite

➢ Functional Requirements:

• Customers:

1. Sign Up (only for new customer)
   Input: "SignUp" option selected.
   Output: customer prompted to enter the details.

2. Login
   Input: "Login" option selected.
   Output: customer prompted to enter the username and password.

3. Forgot password
   Input: "forgot password" option selected.
   Output: customer prompted to enter the email and new password.

4. Select food items
   State: The customer has logged in and the main menu has been displayed.
   Input: Items are selected customer feel free to order.
   Output: System will display selected items.

5. Changes to order
   Input: "go to cart" option selected.
   Output: customer can delete or add food item in order.

6. Review the order before submitting
   Input: "Order Place" option selected.
   State: Customer name, phone number, location (address) display or enter the all
   of information.
   Output: customer prompted to pay the bill.

7. Payment
   State: The different types of payment method are display.
   Input: choose any payment method.
   Output: customer prompted to enter the verification code if choose online
   payment.
   State: Display order no., payment details and confirmation of delivery.

8. Logout

Input: “Logout” option selected.
Output: you are successfully logout.
State: System display login page.

- **Employees:**

1. Login (Employee login page)

Input: “Login” option selected.
Output: Employee prompted to enter the username and password.

2. Modify Menu

State: In the system all the items are displayed with their rates.
Input: “Change” option selected.
Output: Employee can make changings in menu like adding or removing food
items which are not available and changings rate of items.

3. Order list

Input: “Order list” option selected.
State: System display all order details.
Output: Employee can make changings like confirm order, prepared order,
delivered order, not confirm order.

4. Logout

Input: “Logout” option selected.
Output: you are successfully logout.
State: System display login page.

- **Administrator:**

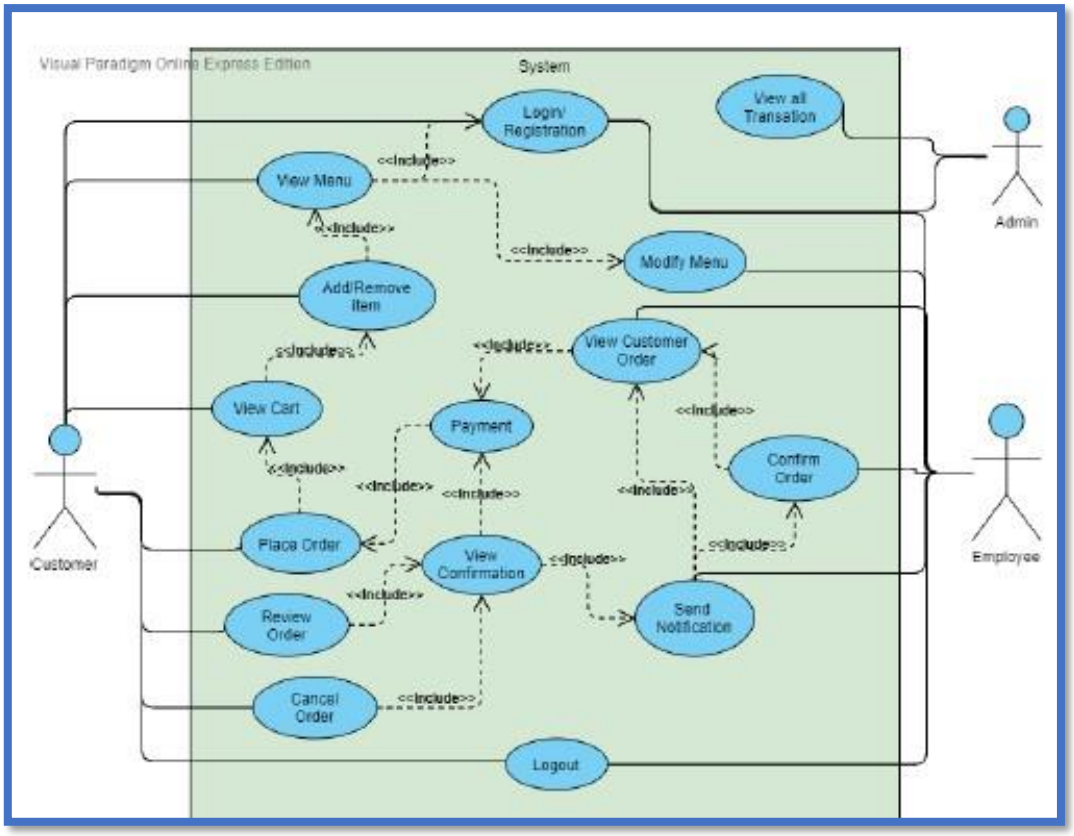
1. Login (admin login page)

Input: “Login” option selected.
Output: admin prompted to enter the username and password.

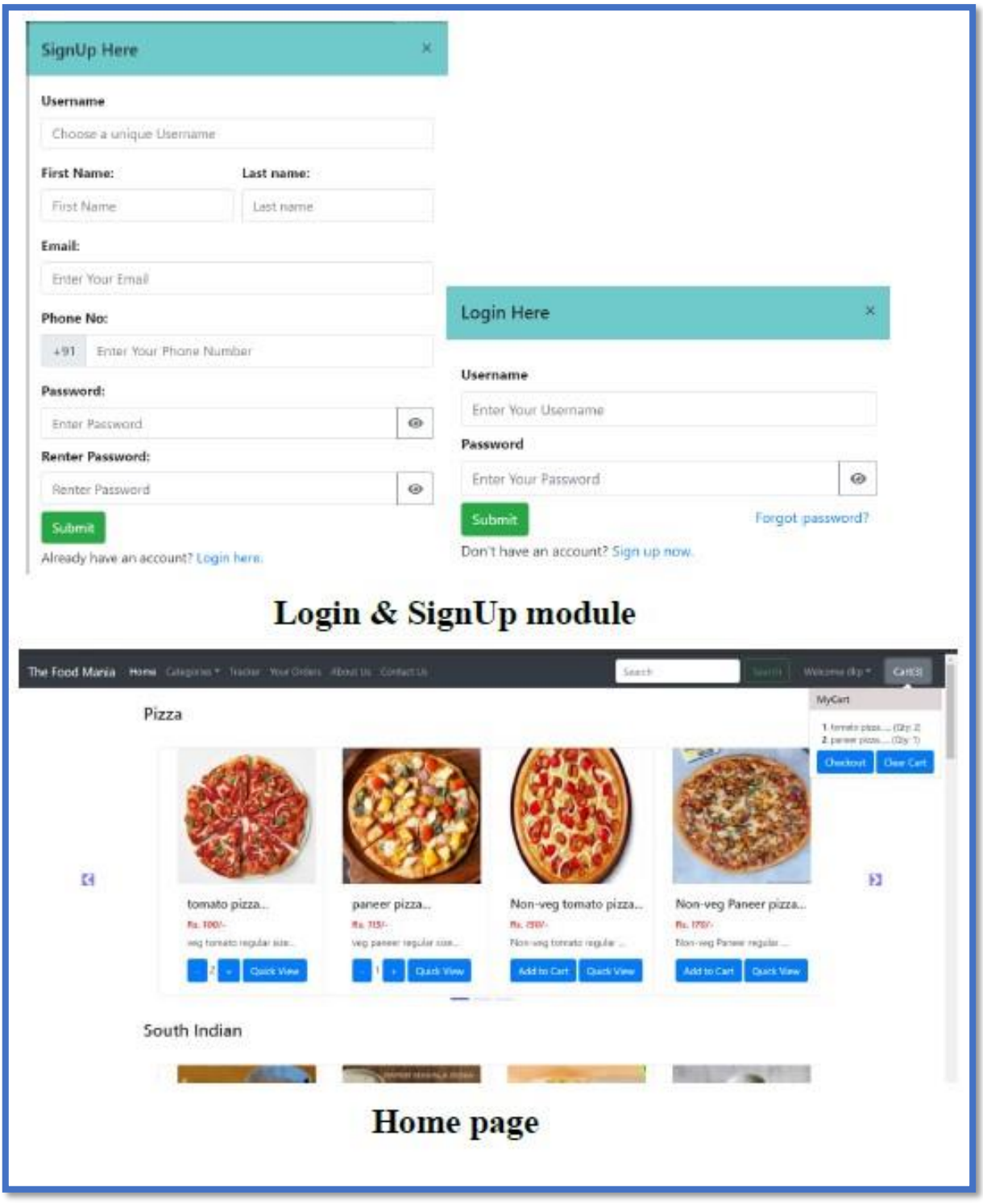
2. Logout

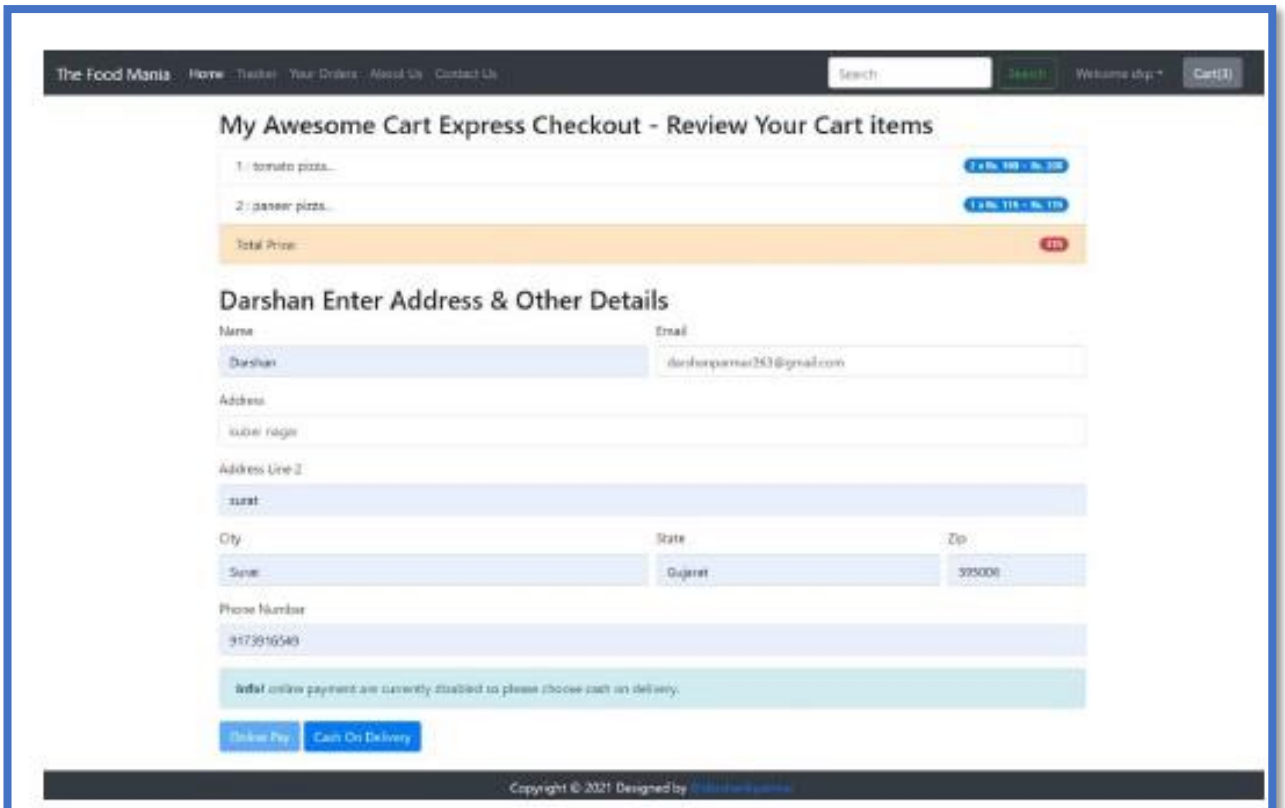
Input: “Logout” option selected.
Output: you are successfully logout.
State: System display login page.

➢ Use Case Diagram:

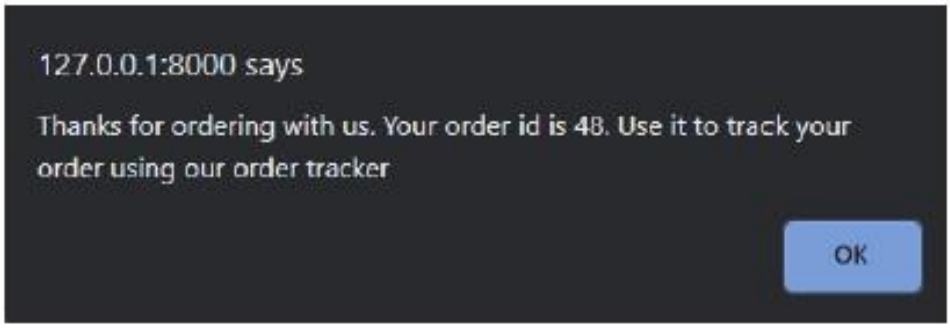


➢ Screenshots:

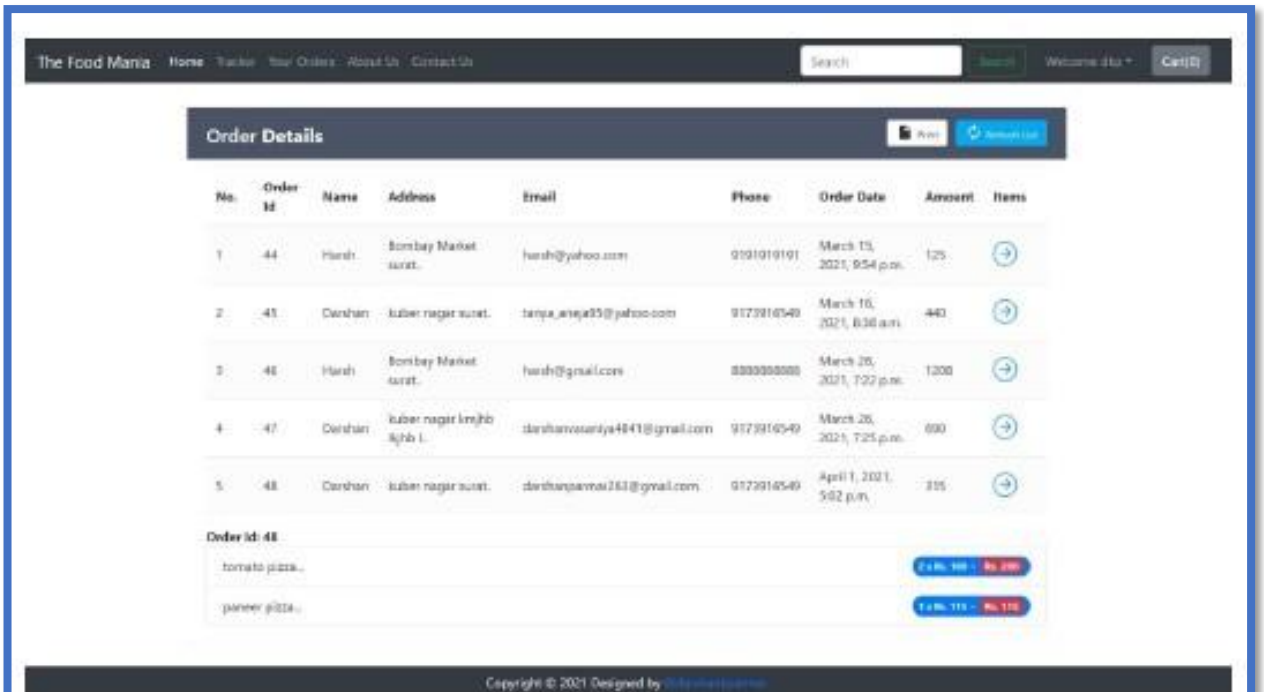




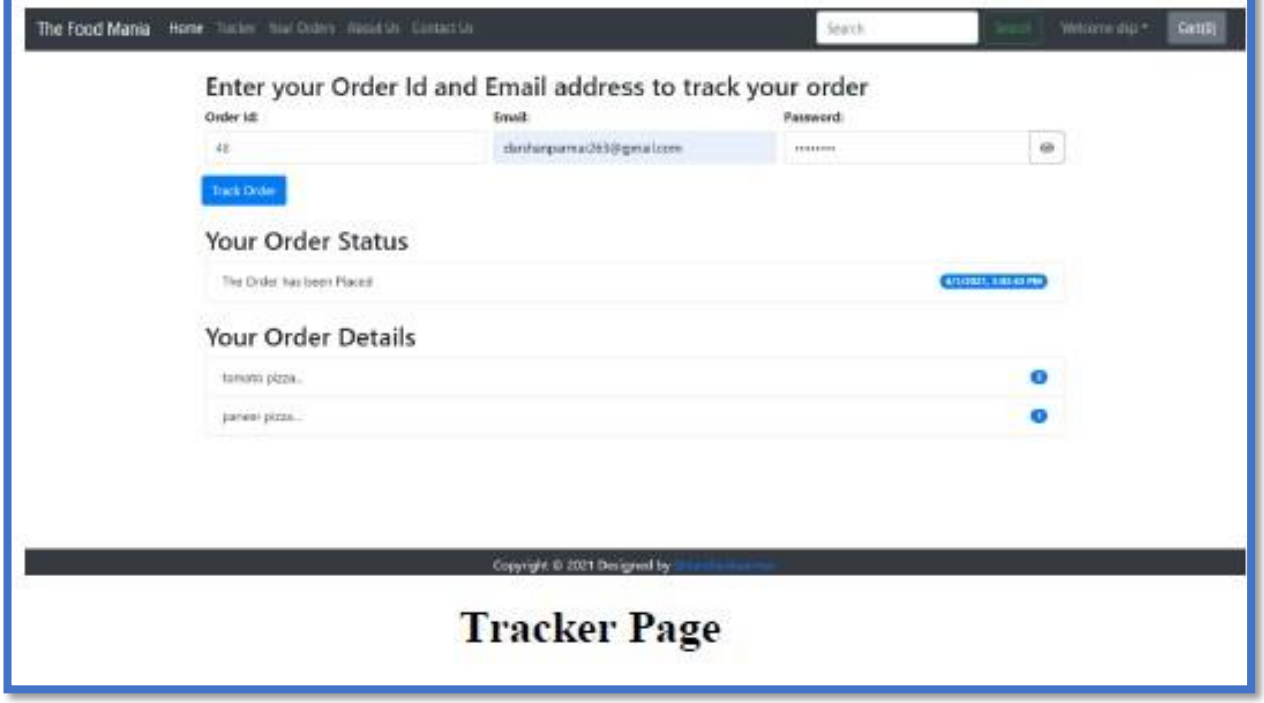
Chekout Page



Confirm Order



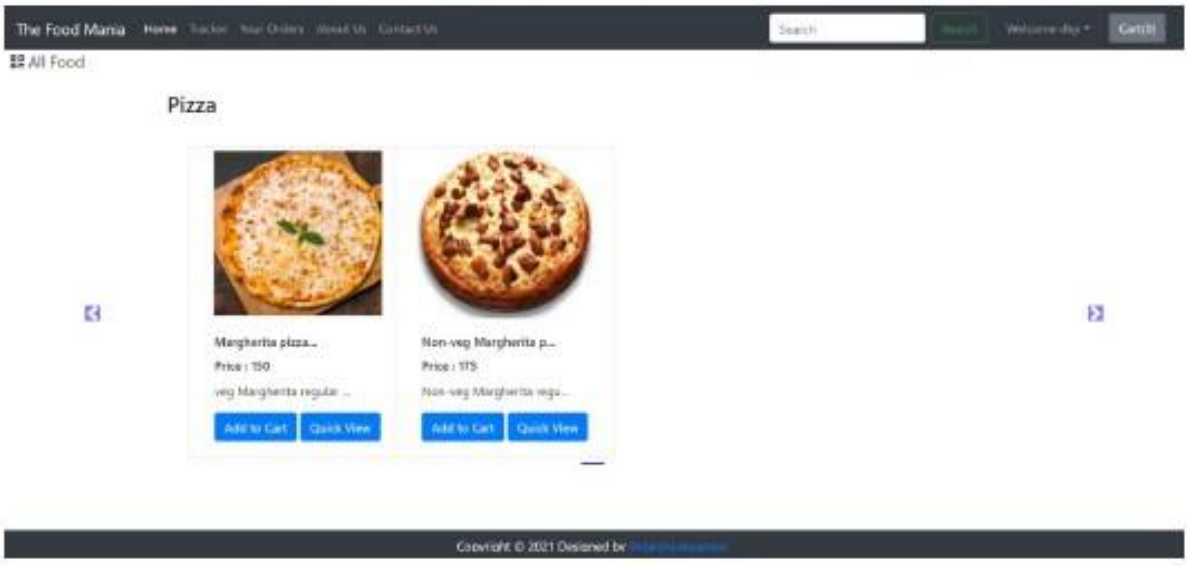
View Order Page



Tracker Page

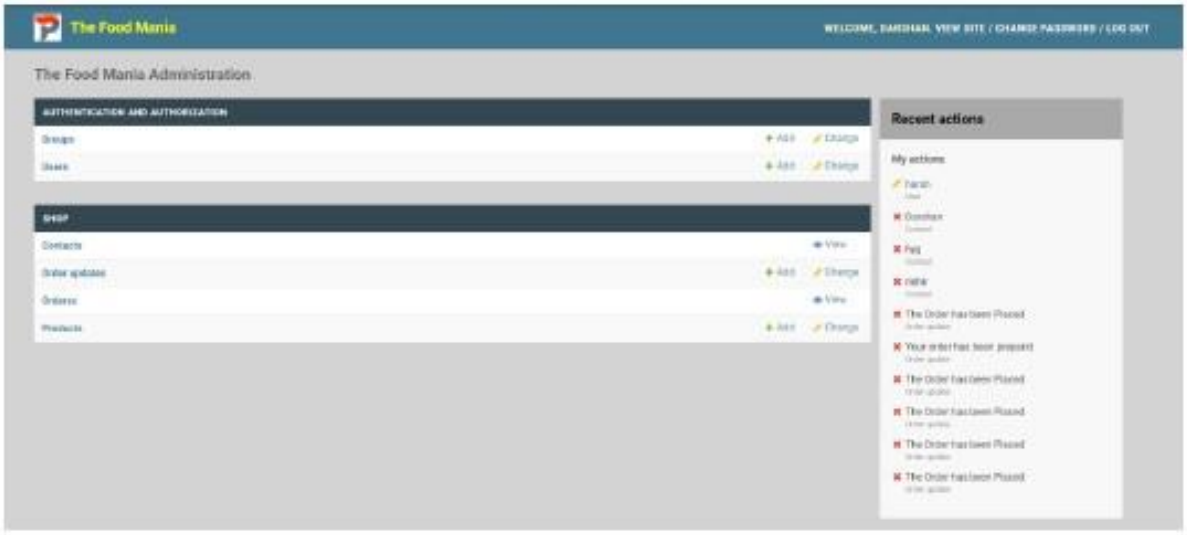
Contact Us Page

Search bar



Search Page

Admin Login Page



Admin Home Page

➢ Conclusion:

After reviewing our work, the conclusion is that after many adjustments the system works. As good as it is now, there can still be made many adjustments/improvements. However, in the time was given that two persons can work on this project, the overall results are satisfactory in our opinion. The report covers the entire course of the project and results are there were needed. The first weeks the work progressed slower than expected, then the pace was increased to finish on time.

For customers, web-based ordering system can make it easier to order food without having to visit the restaurants so that customers can save time and costs. For admin, they can serve customers optimally in ordering their food and making the order report easier. Payment methods can also be done by customers through a system that is available on the web to facilitate customers in paying for their orders.