Project Report

Project Title: Smart Dine

Introduction

Smart Dine is a web-based restaurant management and food ordering system. It allows users to view the menu, place online orders, and reserve tables easily. The main goal of this project is to make restaurant operations faster and more convenient for both customers and staff.

Technologies Used

HTML – for structuring the web page

CSS – for styling and layout

JavaScript – for client-side interactivity

PHP – for server-side processing

MySQL Database – for storing user details, orders, and menu items

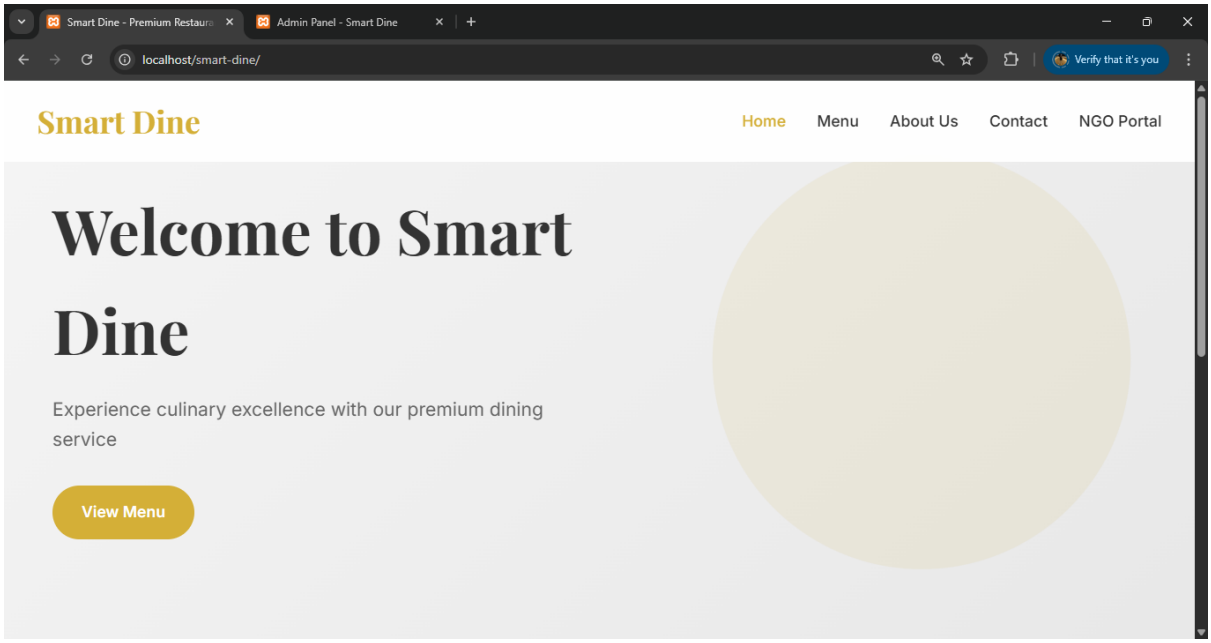
Description

The website has sections for the menu, order form, and table booking. Customers can browse dishes, add them to their cart, and place an order. Admin users can manage menu items and view customer orders through a backend panel. The design is responsive and user-friendly.

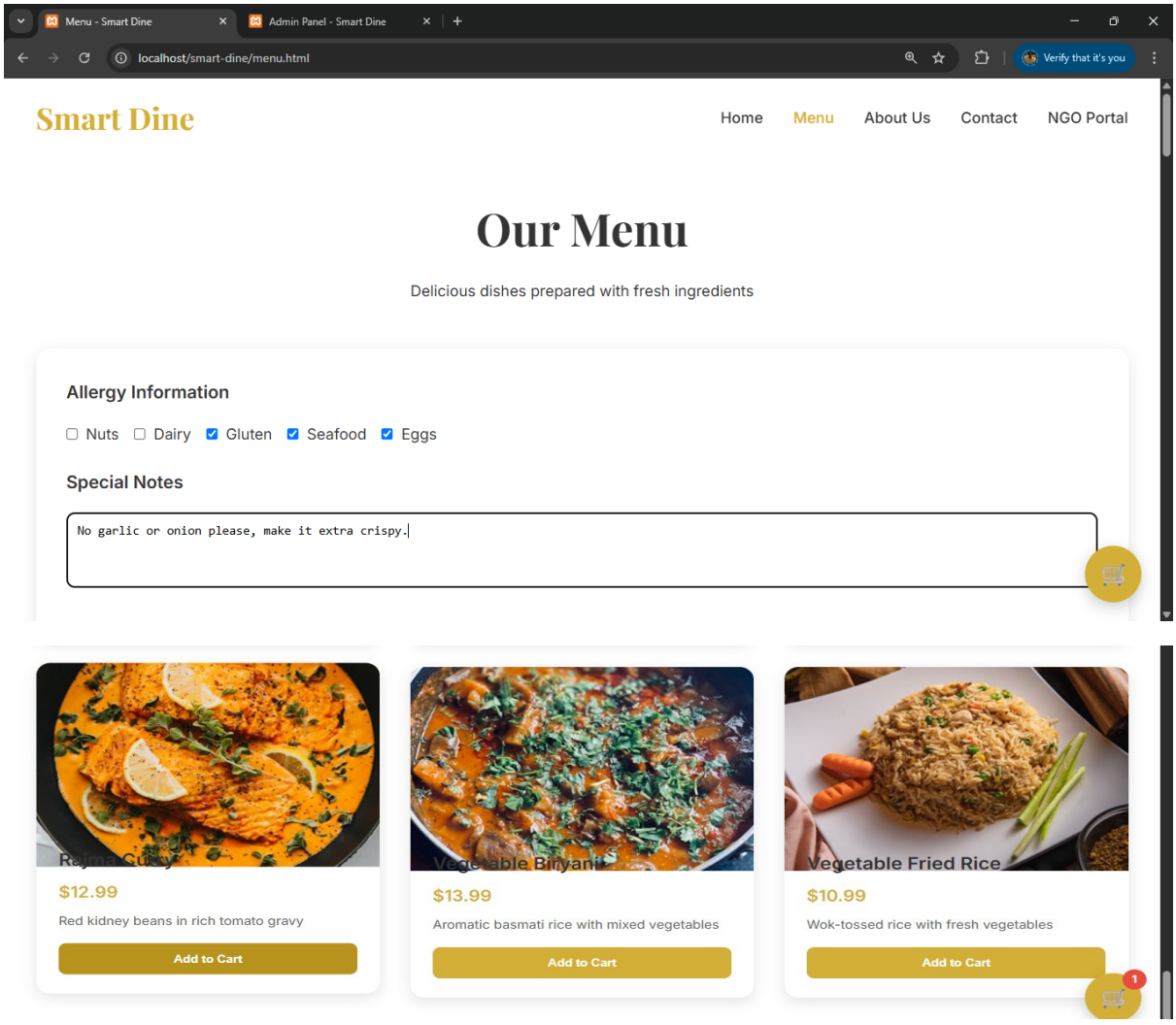
Testing

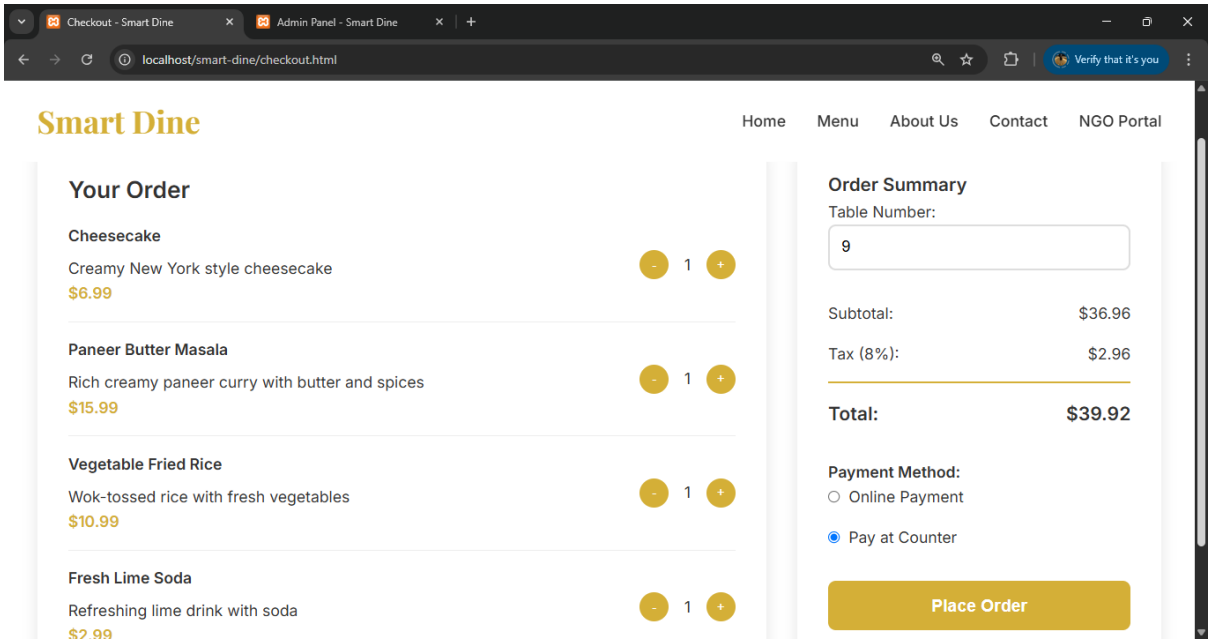
The system was tested for correct order placement, data storage, and responsive design. It works smoothly on different browsers and devices.

Snapshot

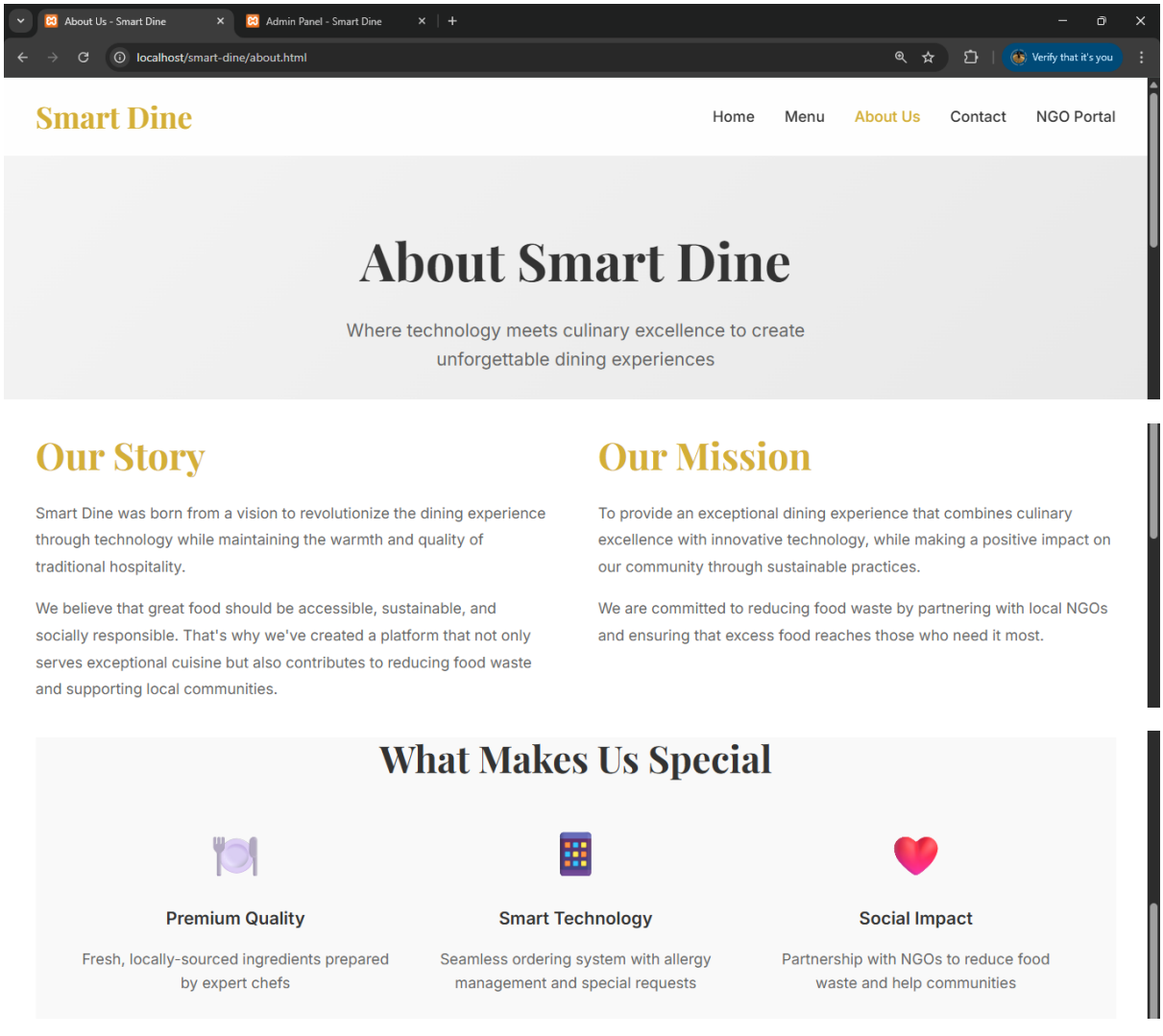


Menu Page

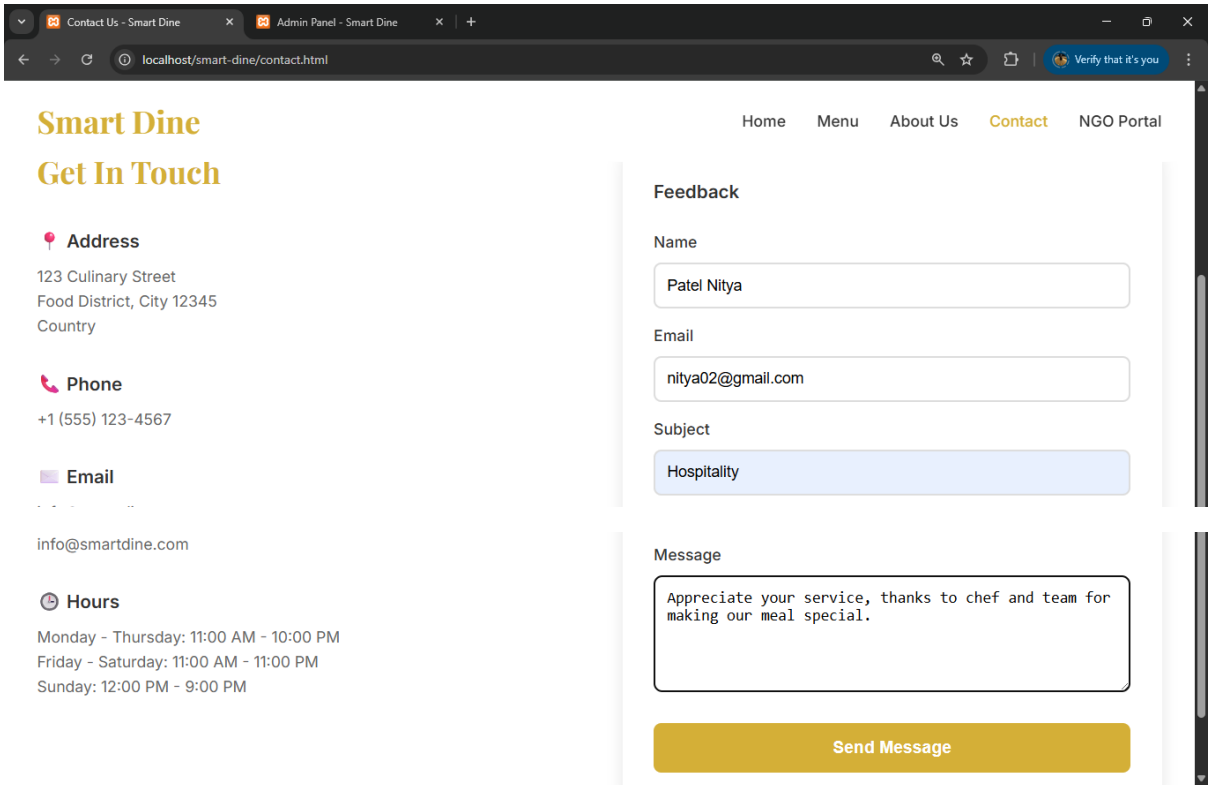




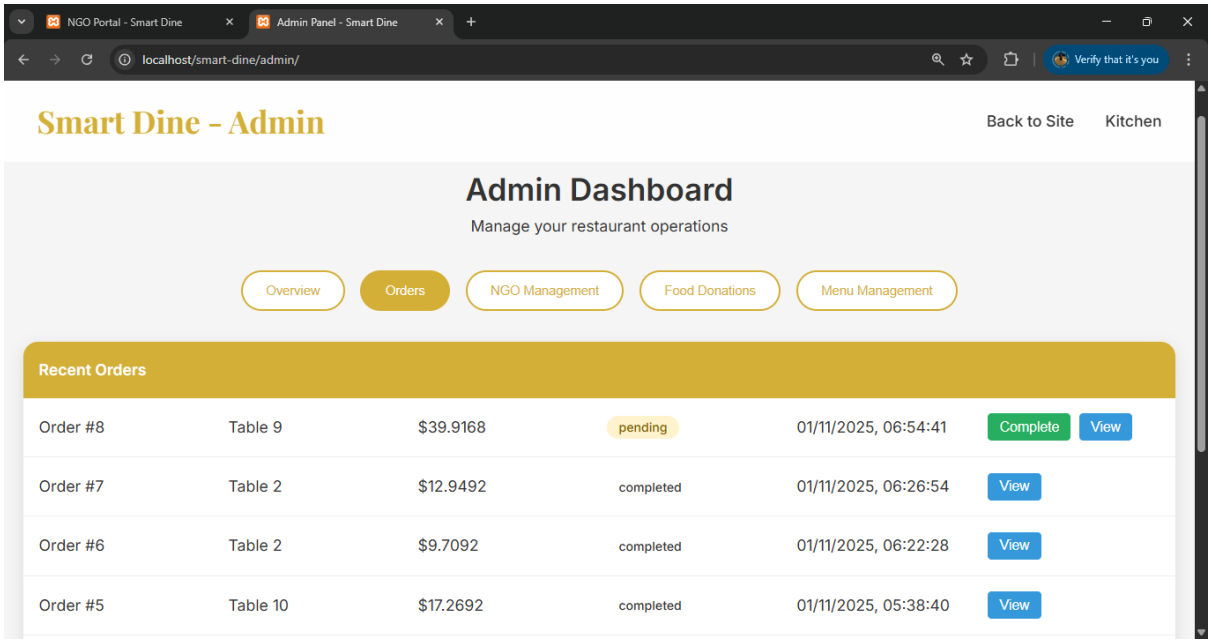
About Us Page



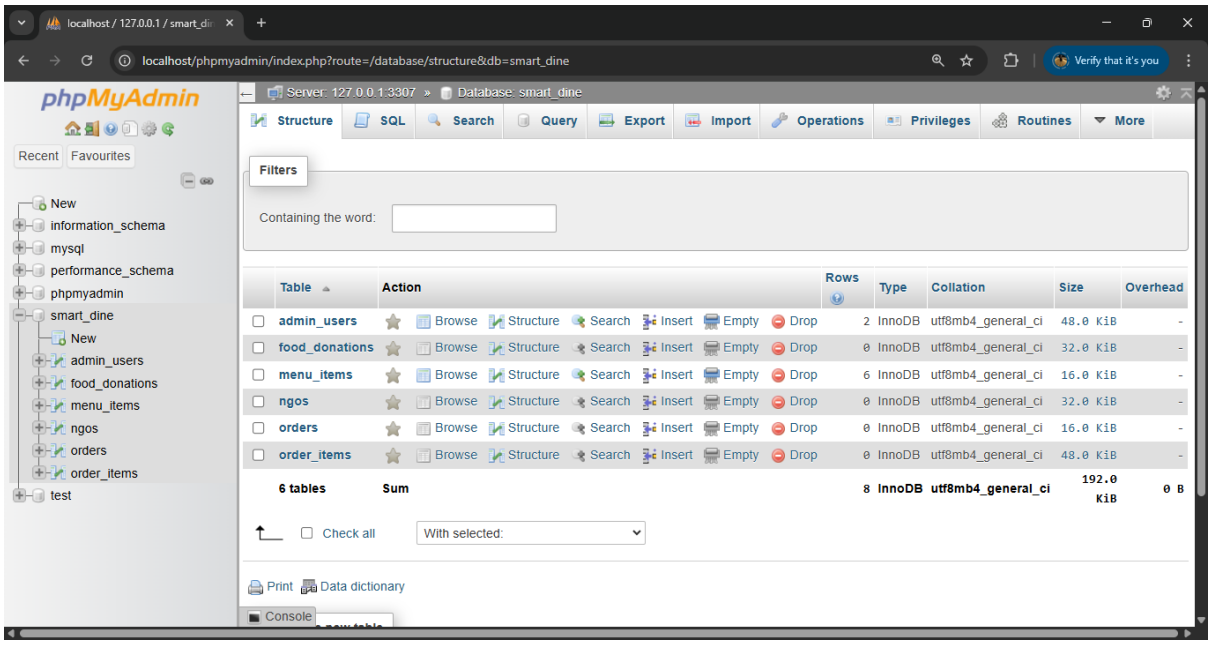
Contact Page

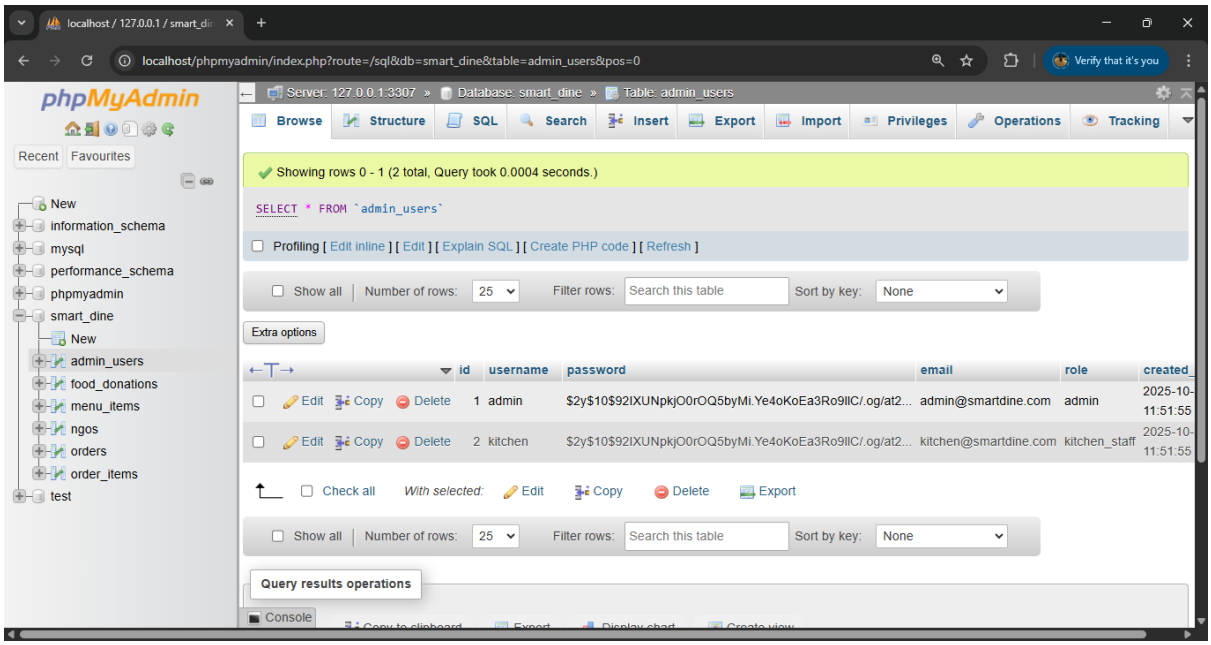


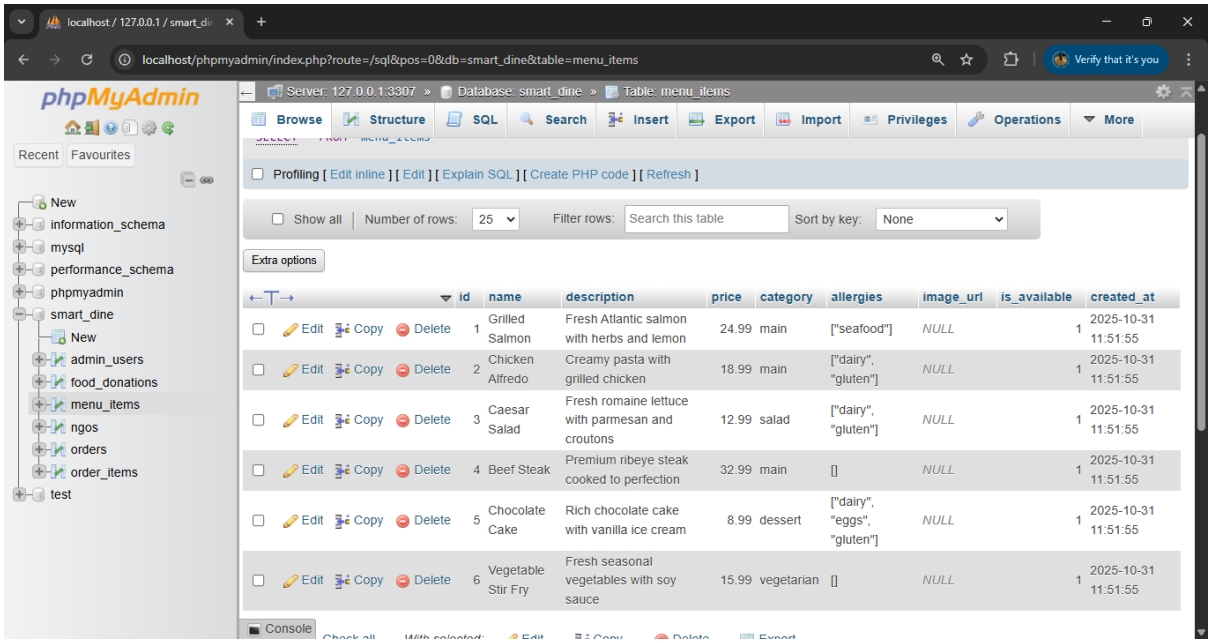
Admin Panel



Database


localhost / 127.0.0.1 / smart_din
localhost/phpmyadmin/index.php?route=/database/structure&db=smart_dine
Verify that it's you
phpMyAdmin
Recent
Favourites
New
information_schema
mysql
performance_schema
phpmyadmin
smart_dine
New
admin_users
food_donations
menu_items
ngos
orders
order_items
test
Server: 127.0.0.1:3307 » Database: smart_dine
Structure
SQL
Search
Query
Export
Import
Operations
Privileges
Routines
More
Filters
Containing the word:
Table
Action
Rows
Type
Collation
Size
Overhead
admin_users Browse Structure Search Insert Empty Drop 2 InnoDB utf8mb4_general_ci 48.0 KiB -
food_donations Browse Structure Search Insert Empty Drop 0 InnoDB utf8mb4_general_ci 32.0 KiB -
menu_items Browse Structure Search Insert Empty Drop 6 InnoDB utf8mb4_general_ci 16.0 KiB -
ngos Browse Structure Search Insert Empty Drop 0 InnoDB utf8mb4_general_ci 32.0 KiB -
orders Browse Structure Search Insert Empty Drop 0 InnoDB utf8mb4_general_ci 16.0 KiB -
order_items Browse Structure Search Insert Empty Drop 0 InnoDB utf8mb4_general_ci 48.0 KiB -
6 tables Sum 8 InnoDB utf8mb4_general_ci 192.0 KiB 0 B
Check all
With selected:
Print
Data dictionary
Console


localhost / 127.0.0.1 / smart_din
localhost/phpmyadmin/index.php?route=/sql&db=smart_dine&table=admin_users&pos=0
Verify that it's you
phpMyAdmin
Recent
Favourites
New
information_schema
mysql
performance_schema
phpmyadmin
smart_dine
New
admin_users
food_donations
menu_items
ngos
orders
order_items
test
Server: 127.0.0.1:3307 » Database: smart_dine » Table: admin_users
Browse
Structure
SQL
Search
Insert
Export
Import
Privileges
Operations
Tracking
Showing rows 0 - 1 (2 total, Query took 0.0004 seconds.)
SELECT * FROM `admin_users`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all
Number of rows: 25
Filter rows: Search this table
Sort by key: None
Extra options
id
username
password
email
role
created_
Edit Copy Delete 1 admin $2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2... admin@smartdine.com admin 2025-10-11:51:55
Edit Copy Delete 2 kitchen $2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2... kitchen@smartdine.com kitchen_staff 2025-10-11:51:55
Check all
With selected:
Edit
Copy
Delete
Export
Query results operations
Console



Conclusion

Smart Dine provides an easy and efficient way for restaurants to manage orders and reservations online. This project helped me learn how to connect frontend and backend technologies to create a dynamic web application.