

**Final Project of Web Technology**

**HEAVEN COFFEE RESTAURANT**

**Presented in Partial Fulfilment of the Requirements for the course WEB TECHNOLOGY & INTERNET - INSY 413**

**To**

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### Project Overview

##### I. Title: Heaven Coffee Restaurant Project.

**Project Purpose**: Enhance the overall streamlining of the operations of Heaven Coffee Restaurant. It includes various features to manage different business aspects, such as orders and stock inventory.

**Expected Outcomes**: Streamlined order processing, improved stock inventory management, and increased operational efficiency.

**Stakeholders**: Restaurant STAFF and manager (ADMIN), with their respective roles.

##### II. Project Scope

**Inclusions**: Implement a digital order management system and an integrated stock inventory management.

##### III. Functional Requirements

**Features**:

a. Able to Register and Login as an ADMIN or STAFF member.

b. ADMIN is responsible for all responsibilities: management of items, categories, users, orders, and receipts.

c. Order placement.

d. Knowing if the item is in stock or sold out.

**Performance Requirements**:

a. System response time should be under 5 seconds.

b. Concurrent user capacity for peak hours.

##### IV. Non-Functional Requirements

**Reliability**: The system should be available 99% of the time.

**Security**: Secure both staff and admin data.

**Usability**: Intuitive user interfaces for Admin and Staff.

##### V. Project Timeline

**Milestones**:

a. Requirements Gathering - 4 days.

b. System Development - 7 days.

c. Testing and Iteration - 3 days.

d. Implementation - 4 days.

**Timeline**:

a. **Start Date**: 1st December 2023

b. **End Date**: 16th December 2023

##### VI. Closure

**Training**: Conduct training sessions for restaurant staff.

**Handover**: Handover the completed project to Heaven Coffee Restaurant management.

##### VII. Source Code

The source code are on GitHub, and this is the link:

##### VIII. Database Schema

