Project Report: Cake Ordering System

1. Project Title

Cake Ordering System

A web-based PHP application for managing cake products, customer orders, and reviews through CRUD operations integrated with a MySQL database.

2. Group Members

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3. Background

Cake businesses often require a system to manage customer orders, product listings, and customer feedback efficiently. Many small-scale bakeries still rely on manual note-taking or spreadsheets, which can lead to errors and data mismanagement. To address this, we built a server-side PHP application that helps bakeries manage operations digitally, enabling faster service, order tracking, and review analysis.

4. Objective

To develop a dynamic and modular PHP-based web application that enables the management of cake data, customer details, orders, and reviews—each equipped with full Create, Read, Update, and Delete (CRUD) functionality and relational database integrity.

5. Application Features

The Cake Ordering System consists of four core modules:

• Cake Management

Add, list, update, and delete cakes with attributes such as name, price, description, and image.

• Customer Management

Register and update customer information like name, email, and phone number.

• Order Management

Create and view orders, each linking a customer with a cake selection and purchase details.

Review System

Let customers provide and edit feedback on cakes, including review text and ratings.

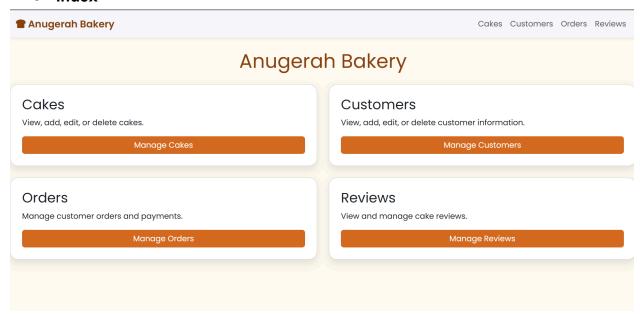
Each module is represented by separate PHP files to keep the application clean and modular.

6. Technologies Used

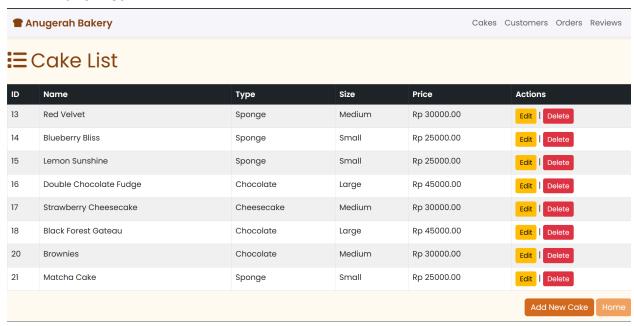
- PHP For server-side logic
- MySQL For database management
- **HTML** To build the UI
- Basic CSS For minimal layout styling
- **phpMyAdmin** For managing the database during development

7. Application Interface

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Cake List



Edit Cake



Add New Cake



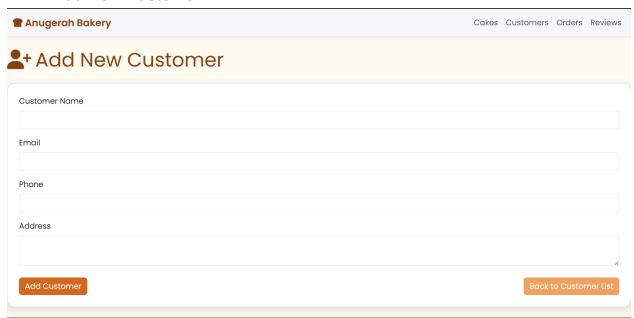
Customer List

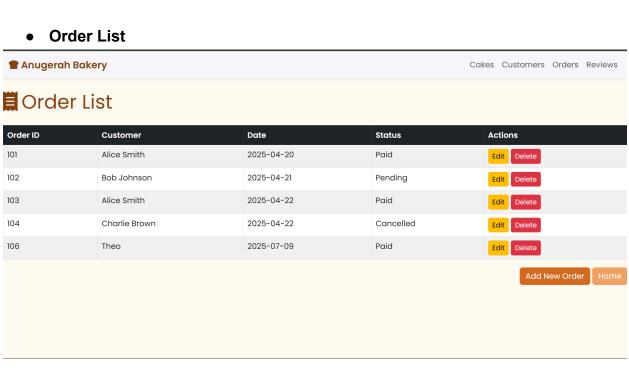


• Edit Customer



Add New Customer

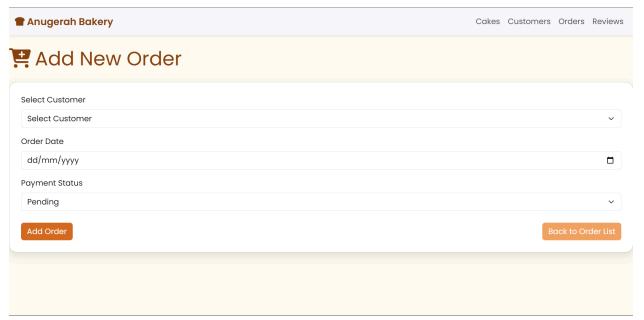




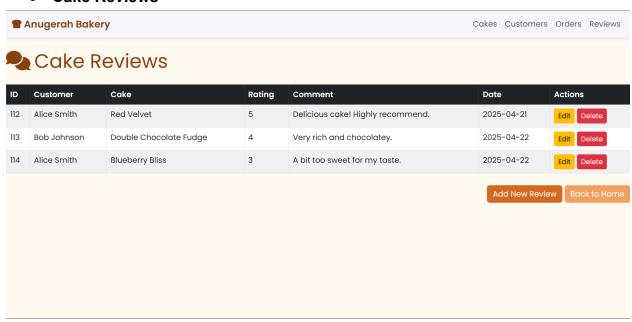
• Edit Orders



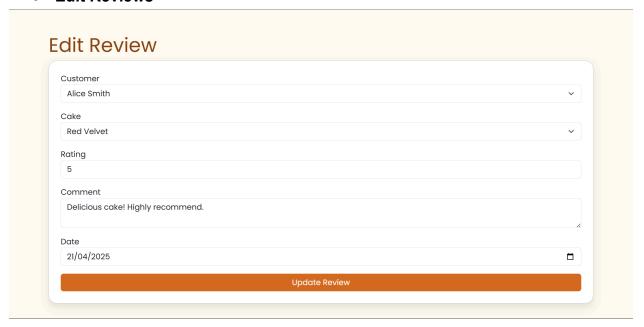
Add New Order



Cake Reviews



Edit Reviews



Add Review



8. Conclusion

The Cake Ordering System web application demonstrates a full server-side implementation of CRUD features across a multi-table database. It helps small-scale businesses manage their operations digitally, improving efficiency and reducing human error. The project reflects a sound understanding of relational database principles and PHP programming, fulfilling all requirements set by the SSIP course.