MINI PROJECT SYNOPSIS

Dept. of Computer Science and Engineering (DATA SCIENCE)
Adichunchanagiri Institute of Technology
Chikkamagaluru – 577102

TITLE: QR CODE-BASED DIGITAL FOOD ORDERING RESPONSIVE WEBSITE

PROBLEM STATEMENT:

Traditional restaurant food ordering methods can be slow, error-prone, and inefficient, especially during busy periods. Customers often wait for waitstaff to take orders, leading to mistakes and delays. In today's environment, there is also a demand for contactless solutions to improve hygiene and customer experience. Restaurants need a system that enhances efficiency, reduces manual errors, and provides customers with a seamless, digital ordering experience.

DESCRIPTION:

The QR Code-Based Digital Food Ordering System allows customers to place orders by scanning a QR code on their table, which directs them to a web-based menu. The system provides a smooth and contactless ordering experience by leveraging HTML/CSS for a responsive user interface, Javascript for handling backend processes, and SQL for managing menu and order data. Javascript is utilized to generate unique QR codes for each table and handle server-side operations.

EXPECTED OUTCOMES:

- A contactless digital system that automates food ordering for customers.
- Faster service with reduced wait times and order errors.
- Improved customer satisfaction with a user-friendly digital interface.
- Enhanced restaurant operations, with real-time order updates for staff.

TECHNOLOGIES AND TOOLS:

- HTML/CSS: For designing a responsive and user-friendly web interface.
- Javascript: To handle server-side scripting ,backend logic and for generating QR codes and managing backend processes.
- SQL: For storing and managing menu items, customer orders, and other relevant data.

TEAM MEMBERS:

Chandana C M (4AI22CD011)
BhagyaSree (4AI22CD022)
Prathibha B M (4AI22CD040)
Tejaswini M (4AI22CD058)

Signature of the Guide with date

Signature of the Coordinator with date