

Development Phasing

The project is divided into four main phases to ensure foundational elements are built first.

Phase 1: Foundation (Core System Setup)

These are the critical first steps that all other functionalities will be built upon.

- **Task 1: User Authentication & Profiles**
 - Functions: Login / Sign up , All profile operations.
- **Task 2: User Management (Admin)**
 - Function: Manage Users.
- **Task 3: Menu & Category Management (Admin)**
 - Functions: Manage Menu , CRUD of orders / categories.

Phase 2: Core Ordering Flow

With the foundation in place, this phase builds the primary user journey of placing an order.

- **Task 4: Customer Ordering**
 - Functions: Show menu / products / categories , Add / Update / delete order item , Submit order.
- **Task 5: Order Reception & History**
 - Functions: Manage Order history (Admin) , Place Order (Cashier).

Phase 3: Order Management & Tracking

This phase focuses on the lifecycle of an order after it has been placed.

- **Task 6: Order Status Updates (Cashier)**
 - Functions: Update Order Status , Track/ Update Order Progress.
- **Task 7: Customer Tracking & Notifications**
 - Functions: Track order progress , Cancel order , Receive notification.
 - Backend System: Order tracking , Send notification.

Phase 4: Ancillary Features

These features add significant value and can be developed once the core system is functional.

- **Task 8: Reviews Module**
 - Functions: CRUD of review (Customer) , Receive review (Cashier) , Manage review (Admin).
 - **Task 9: Enquiries Module**
 - Functions: Show enquires / receive enquiries (Cashier) , Manage Enquires (Admin).
 - **Task 10: Miscellaneous**
 - Functions: Scan QR , View about / terms & conditions page.
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Task Dependencies & Parallel Work

Sequential / Dependent Functions

These tasks must be completed in order.

1. **User Authentication (Task 1)** must be finished before any other task involving user roles.
2. **Menu Management (Task 3)** must be finished before **Customer Ordering (Task 4)** can begin.
3. The **Core Ordering Flow (Phase 2)** must be complete before **Order Management & Tracking (Phase 3)** can start.
4. **Order Status Updates by Cashier (Task 6)** must be functional before **Customer Order Tracking (Task 7)** can be implemented.

Parallel / Concurrent Functions

Once Phase 1 is complete, these tasks can be worked on simultaneously.

- **Core Ordering Flow (Phase 2):** The customer-facing side (Task 4) and the admin/cashier side (Task 5) can be developed in parallel.
- **Reviews Module (Task 8):** This entire feature set can be built as a standalone module.
- **Enquiries Module (Task 9):** Can be built independently by a separate developer or team.

- **Miscellaneous (Task 10):** The QR function and static pages are standalone and can be worked on at any time.