

1) Users

1.1 Customer

- Register/login
- Browse menu
- Place orders (dine-in or delivery)
- Pay (online or cash on delivery / pay at counter)
- View order status + show estimated time.
- offers (i've asked him do you a section for daily, weekly offers etc.)

1.2 Restaurant Staff(admin dashboard)

- Login
- Receive new orders + notifications(we need to notify them somehow)
- Update order status (Accepted → Preparing → Ready/Out for delivery → Completed)
- View live order queue
- Manage menu, prices, availability
- Manage offers(do it from the web or do it from the code?)
- Manage payment settings
- Reports (sales, popular items)(this will help them to have a record about it).

1.3 Guest

2) Core modules

2.1 Authentication

1. Signup/login
 - Login form
 - Google
 - Email+password
 - Signup form
 - Goggle but will require another form for unset mandatory information.
 - Email ,password, phone, address(with location)

- Verify phone code.
- 2. Password reset via email
- 3. Session handling (JWT or server sessions)
- 4. Role-based access control (RBAC)

2.2 Menu

2.2.1 Menu structure

- Categories (e.g., Starters, Mains, Drinks)
- Items:
 - name, description, images
 - base price
 - availability (active/inactive)
 - prep time estimate (optional)
 - dietary tags (veg/vegan/spicy)
 - allergens (recommended)
- Add-ons/modifiers:
 - extra cheese, size, spice level, etc.
 - modifier rules: required/optional, min/max selections

2.3 ordering

2.3.1 ordering features

- Cart:
 - add/remove items
 - modifiers/add-ons
 - quantity
 - special instructions per item
- Checkout:
 - calculate subtotal, discount, tax or vat if not included in price then it should also be mentioned in the menu, delivery fee, total
 - select payment method
- Order tracking:
 - timeline/status updates
- Order history:
 - repeat order (optional but recommended)

2.3.2 Delivery order requirements

- Address management:
 - saved addresses
 - delivery notes (gate code, call on arrival)
- Delivery fee rules:
 - flat fee OR distance-based OR zone-based
- Delivery zones:
 - if out of zone → block order or show message
- Delivery status:
 - Accepted → Preparing → Out for delivery → Delivered

2.3.3 Dine in and self pickup

- Order from web
- Payin web or in cash.

2.4 Payment

2.4.1 Flatpay

- Visa
- Mastercard
- Google pay
- Apple pay
- Paypal
- Klarna
- Mobile pay

2.4.2 Cash

- **Dine-in**
- **Self pickup**

2.4.3 Payment states

- Unpaid
- Authorized
- Paid
- Failed
- Refunded (partial/full)

2.5 Other

2.5.1 Offers discount

- Percentage discount (e.g., 10% off)
- Fixed amount discount (e.g., €5 off)
- offers
- Free delivery
- Min/max order price limit
- Duration
- applicable to dine-in only / delivery only / both

2.6 Notification syte.

I don't know how.

2.7 Real-time delivery mechanism

Should we?