

Develop a mobile application that:

1. Allows entry of customer details (name, contact, etc.)
2. Computes an invoice with items, quantities, prices, taxes, and discounts
3. Displays the customer name prominently on the invoice

Task 1: UI Design

- Design an interface with:
 - A form to input customer details (name, phone, email)
 - A section to add invoice items (product name, quantity, price)
 - A button to calculate the total (including tax and discounts)
 - A display area showing the customer name and invoice summary

Task 2: Customer Data Handling

- Store customer details (name, contact) in a local database (SQLite, SharedPreferences, or CoreData)
- Retrieve and display the customer name when generating an invoice

Task 3: Invoice Calculation Logic

- Compute:
 - Subtotal (sum of all items: $\text{price} \times \text{quantity}$)
 - Tax (e.g., 10% of subtotal)
 - Discount (if applicable, e.g., 5% off subtotal)
 - Final total ($\text{subtotal} + \text{tax} - \text{discount}$)
- Display the breakdown clearly

Task 4: Invoice Display

- Show the customer name prominently at the top
- List all items with prices and quantities
- Display subtotal, tax, discount, and final total

Task 5: Bonus Features

- Option 1: Save invoices to PDF
- Option 3: Implement a dark/light theme toggle