

FOOD ORDERING APPLICATION

Task Analysis:

- Opening the App & Authentication
- Browsing Restaurants and Menu
- Adding Items to the Cart
- Checking Out and Ordering

Process Flow:

1. Opening the App & Authentication

- **Start:** User launches the application.
- **Open App:** App opens to the welcome screen.
- **Sign In/Sign Up:** User logs in or creates an account.
- **Home Page:** If authenticated, user lands on the home page.

Flow: Start → Open App → Sign In/Sign Up → Home Page

2. Browsing Restaurants and Menu

Browsing Restaurants:

- **Browse Restaurants:** User chooses to browse restaurant categories or nearby options.
- **Select a Restaurant:** User selects a specific restaurant.
- **View Restaurant Details:** User views restaurant information, ratings, and cuisine type.
- **Check Restaurant Status:** The system checks if the restaurant is currently open.

Flow: Browse Restaurants → Select a Restaurant → View Restaurant Details → Check Restaurant Status

Searching for a Specific Restaurant:

- **Search or Browse Decision:** User selects the search option.
- **Enter Search Term:** User types restaurant name or cuisine type.
- **Execute Search:** The system returns matching restaurant results.

- **View Restaurant Details:** User selects a restaurant to see details.
- **Check Restaurant Status:** The system checks if the restaurant is open.

Flow: Search or Browse? → Enter Search Term → Execute Search → View Restaurant Details → Check Restaurant Status

3. Adding Items to the Cart

- **Menu Available?:** System checks if the restaurant's menu is available.
- **If No:** The system displays "Restaurant Currently Unavailable" and the flow stops.
- **If Yes:** The user browses menu categories.
- **Select Items:** User selects food items and specifies any customizations.
- **Add to Cart:** User clicks "Add to Cart".
- **Continue Shopping Decision:** User decides whether to continue adding items or proceed to checkout.

Flow: Menu Available? → (Yes) → Select Items → Add to Cart → Continue Shopping Decision

4. Checking Out and Ordering

- **Open Cart:** User taps on the cart icon.
- **Review Items:** User checks all food items in the cart.
- **Proceed to Checkout:** User confirms readiness for payment.
- **Enter Delivery/Payment Info:** User provides delivery address and payment details.
- **Select Delivery Time:** User chooses immediate or scheduled delivery.
- **Order Confirmed:** The system confirms a successful order.

Flow: Open Cart → Review Items → Proceed to Checkout → Enter Delivery/Payment Info → Select Delivery Time → Order Confirmed

USER FLOW DIAGRAM:

