

Core Activities in Sea Amo Prototype

1. Activity: Add to cart (Tiger Prawns)

Tasks:

- Search/look for the Tiger Prawns product
- View product details
- Add the selected item to the shopping cart

Actions:

- (Search for the product) Look for “Tiger Prawns” on the dashboard
- (View product details) Tap the product image or name to open its detail page
- (Add to cart) Tap the “Add to Cart” button on the product detail page

Operations:

- (Add to cart) System records product ID and quantity in the user's temporary order.

2. Activity: Check the seller profile of the Windu Shrimp product

Tasks:

- Open the Windu Shrimp product page
- Access the seller's profile
- Review seller information such as location, rating, and other information

Actions:

- (Open product page) Tap on the Windu Shrimp thumbnail from the product list
- (Access seller's profile) Tap on the seller's name or avatar
- (Review seller information) Scroll through seller profile details

Operations:

- (Access seller's profile) App retrieves seller data from the backend database and displays it dynamically
- (Review seller information) User performs vertical scroll gestures to view all content

3. Activity: Checkout Tiger Prawns (from cart or direct checkout)

Tasks:

- Open the shopping cart or product page
- Review order details (items, quantity, and price)
- Select payment and delivery method
- Confirm the order

Actions:

- (Open cart) Tap the “Cart” icon in the navigation bar
- (Review order details) Check product summary and total price

- (Select payment method) Choose "Transfer," "E-Wallet," "Qris," or "COD"
- (Confirm order) Tap "Checkout" and then "Confirm Purchase"

Operations:

- (Select payment) System triggers payment gateway API
- (Confirm order) Order data (product, user, payment type, and address) is stored in the transaction database

4. Activity: Check order info in the "Orders" menu

Tasks:

- Open Access the Orders menu
- View the list of current and past orders
- Check order status and details

Actions:

- (Access Orders menu) Tap the "Orders" icon or navigation tab
- (View order list) Review active, completed, and cancelled orders
- (Check order status) Tap on a specific order to view its status (e.g., "Processing," "Shipped," or "Delivered")

Operations:

- (Retrieve order list) Application queries the backend for all transactions linked to the user ID
- (Check order status) Real-time order status is displayed based on database updates from seller or courier

5. Activity: Track the location of the order being shipped

Tasks:

- Open the tracking section for a specific order
- View the shipment map and courier details
- Monitor delivery progress in real time

Actions:

- (Open tracking section) Tap "Track Order" in the order details page
- (View shipment map) The system loads a map interface showing courier route
- (Monitor progress) Observe delivery status and estimated arrival time

Operations:

- (Map loading) API call to mapping service (e.g., Google Maps API)
- (Tracking update) App receives live GPS coordinates or delivery status updates via backend push notifications

6. Activity: Check financial report and sales stock (as a seller)

Tasks:

- Log in to the application as a seller
- Access the seller dashboard

- View financial report and transaction summary
- Check product stock availability

Actions:

- (Login as seller) Enter registered seller credentials (username/password) and tap “Login”
- (Access dashboard & view financial report) See the financial report on home
- (Check stock availability) Tap “Product” to view item stock levels and update quantities manually if necessary

Operations:

- (Login process) System verifies user credentials via authentication database and grants seller access
- (Access dashboard) Application retrieves seller-related data (sales records, earnings, inventory) from backend database
- (View financial report) Query triggers financial summary generation, aggregating total transactions over a defined period
- (Check and update stock) User modifies product stock values, system saves updated quantities to database and synchronizes with buyer-side product listings