

Introduction & Scope

This document defines test cases for FreshEase's core user flows: browsing/searching products, viewing item details, cart & checkout (payments), user auth, order tracking, subscription plans, progress dashboard (habits/weekly trends), and admin management.

The objective is to ensure accuracy, stability, and usability through repeatable manual tests (and candidates for automation).

Project: FreshEase

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1. Product Browsing & Search

User Story:

“As a shopper, I want to browse and search, so I can quickly find items to buy.””

Test ID	Type/ Description	Preconditions	Steps	Expected Result
BS-001	(Happy Path) Browse catalog successfully	The user is on the Shop tab.	1. Open the app. 2. Navigate to the Shop tab.	- Product grid loads with thumbnails, names, and prices. - Pagination or infinite scroll works correctly.
BS-002	(Happy Path) Keyword search “Organic”	Catalog is loaded.	1. Tap the Search bar. 2. Type "Organic" in the input field. 3. Submit the search.	- List is filtered to show only items containing "Organic". - Results appear within ≤ 2 seconds.
BS-003	(Happy Path) Apply filters (price/category)	Catalog or search results are displayed.	1. Open the Filters menu. 2. Set price range 3. Select category "Fruits". 4. Click "Apply".	List refreshes to show only items matching all selected filters.
BS-004	(Sad Path) No results found	Any state (catalog or search).	1. Type "xyz123" in the search bar. 2. Submit the search.	- Empty-state message "No results."

2. Feature: Shopping Cart & Checkout

User Story:

“As a customer, I want to manage my cart and complete checkout, so that I can easily purchase products from the app.”

Test ID	Type/ Description	Preconditions	Steps	Expected Result
SC-001	(Happy Path) Add to cart successfully	The product details page is open.	1. Tap the “+ Add” button on a product.	- Cart count in the header increases by 1. - A toast message “Added to cart” appears.
SC-002	(Happy Path) Update item quantities	At least one item is already in the cart.	1. Go to the Cart page. 2. Tap “+” to	- Item quantity updates immediately. - Line totals and cart

			increase quantity or “-” to decrease quantity.	total recalculate dynamically.
SC-003	(Happy Path) Remove an item	At least one item is in the cart.	1. Tap the “×” icon next to a cart item.	- Item removed; totals recalculated - Totals are recalculated correctly.
SC-004	(Happy Path) Checkout flow navigation	The user has items in the cart.	1. Tap “Go to Checkout”.	Checkout page/sheet opens displaying: - Address section - Payment method section - Order total - “Place Order” call-to-action button
SC-005	(Sad Path) Address required	The user is new (no saved address).	1. Proceed to Checkout. 2. Leave the Address field blank. 3. Tap “Place Order”.	- Inline error message “Please add your address” is shown. - Focus is set to the Address field. - Order is not submitted
SC-006	(Sad Path) Payment method required	The user has already added a valid address.	1. On the Checkout page, leave the Payment Method unselected. 2. Tap “Place Order”.	- Error message “Select a payment method” is displayed. - Order is not processed.
SC-007	(Happy Path) Successful order placement	The user has a valid address and valid payment method.	1. Tap “Place Order”.	- Order is successfully created. - Confirmation screen appears showing order number. - Email receipt is sent to the registered email.
SC-008	(Sad Path) Payment error handling	The user uses a test card configured to simulate payment decline.	1. Proceed to Checkout. 2. Tap “Place Order”.	- The error banner “Payment declined” appears clearly. - Retry option is displayed. - Order is not created.

3. User Account & Authentication

User Story:

“As a customer/admin, I want secure sign up/in and role-based access.”

Test ID	Type/ Description	Preconditions	Steps	Expeted Result
UA-001	(Happy Path) Register new account	App is open.	1. Enter phone number 2. Tap “Continue”.	- The account was successfully created. - The user is redirected to the Shop or onboarding screen.
UA-002	(Happy Path) Login with valid credentials	A valid user account exists.	1. On the login screen, enter the registered email and password. 2. Tap “Login”.	- Authentication succeeds. - User session is created. - User lands on the Shop tab or home dashboard.
UA-003	(Happy Path) Forgot password flow	User accounts exist.	1. On the login screen, tap “Forgot password”. 2. Enter a registered email and submit. 3. Open the email and click the password reset link. 4. Set a new password and confirm.	- Password reset email is sent successfully. - Link opens a valid reset form. - Users can set a new password and log in with it.
UA-004	(Happy Path) Admin access control	The user has an admin role.	1. Log in with admin credentials. 2. Navigate to the Admin Dashboard.	- Admin menu and management features are visible. - Restricted actions (e.g. user management, inventory management) are available.
UA-005	(Sad Path) Non-admin access restriction	Logged in as a normal (non-admin) user.	1. Attempt to access the admin URL or Admin Dashboard directly (e.g., via link).	- Access is denied with 403 Forbidden or redirected to the Home page. - Error or toast message “Not authorized” is displayed.

4. Subscription Plans (Plans tab)

User Story:

“As a user, I want to subscribe to curated plans for convenience.”

Test ID	Type/ Description	Preconditions	Steps	Expeted Result
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SUB-001	(Happy Path) View available plans	App is open.	1. Navigate to the Plans tab.	Cards display for each plan, showing: - Plan name - Price (B/Plan) - Perks or benefits - “View Details” button
SUB-002	(Happy Path) View plan details	The user is viewing the Plans list.	1. Tap “View Details” on any plan.	Full plan details are shown, including: - Description - Price and billing frequency - Included bundles or items - Terms & Conditions section
SUB-003	(Happy Path) Start a subscription successfully	- User is logged in. - Valid payment method is on file.	1. Choose a plan. 2. Tap “Subscribe”. 3. Confirm payment on the payment sheet.	- Payment completed successfully. - Message or badge “Subscription active” is displayed. - The next billing date is shown clearly.
SUB-004	(Sad Path) Missing payment method	The user has no saved payment method.	1. Attempt to subscribe to any plan.	- Prompt appears: “Add a payment method to continue.” - Subscription cannot proceed until a card is added.
SUB-005	(Happy Path) Cancel or pause subscription	The user has an active subscription.	1. Tap Manage Subscription. 2. Choose Cancel or Pause. 3. Confirm the action.	- Subscription status updates accordingly. - Proration or next-cycle rules (e.g., “You’ll still have access until [date]”) are displayed.
SUB-006	(Happy Path) Renewal and receipt generation	The user has an active subscription.	1. Wait for the next billing cycle (simulate renewal event).	- The system auto-charges the payment method successfully. - A new order is created for the bundled items included in the plan.