

Test Case 1 – Forgot Password OTP/Reset Link

Project Name: Gadget Shop management system		Test Designed by: Abu Taher Md. Mamun		
Test Case ID: TC_13		Test Designed Date: 20/01/2026		
Test Priority (Low, Medium, High): High		Test Executed by: Abu Taher Md. Mamun		
Module Name: Forgot Password		Test Execution Date: 20/01/2026		
Test Title: Verify password reset via OTP/link sent to registered email/phone				
Description: Confirm that a member can request and complete password reset using OTP or reset link sent to their registered contact.				
Precondition: Member is on the Forgot Password screen.				
Dependencies: Email/SMS service must be active and functional.				
Test Steps	Test Data	Expected Results	Actual Results	Status
1. Enter registered email/phone and click "Send OTP/Link". 2. Enter valid OTP received. 3. Enter new password and confirm password. 4. Click "Reset Password".	Email: member@example.com OTP: 123456 New Password: Pass123!	1. OTP/Reset link sent instantly. 2. OTP verified and allowed password reset. 3. Password accepted if matches and meets rules. 4. Success message displayed and redirected to login.	1. OTP sent within 3 seconds. 2. OTP accepted, redirected to password reset screen. 3. Password accepted, security rules validated. 4. Success message displayed, redirected to login within 2 seconds.	Pass

Test Case 2 – Dashboard Data Display

Project Name: Gadget Shop management system		Test Designed by: Abu Taher Md. Mamun		
Test Case ID: TC_14		Test Designed Date: 20/01/2026		
Test Priority (Low, Medium, High): Medium		Test Executed by: Abu Taher Md. Mamun		
Module Name: Dashboard		Test Execution Date: 20/01/2026		
Test Title: Verify dashboard displays today's sales, total products, and low-stock items				
Description: Confirm that the member's dashboard shows relevant data and quick navigation buttons based on assigned access level.				
Precondition: Member is logged into the system.				
Dependencies: Dashboard data service must be active and up-to-date.				
Test Steps	Test Data	Expected Results	Actual Results	Status
1. Navigate to Dashboard after login. 2. Verify Today's Sales data. 3. Verify Total Products count. 4. Verify Low-stock Items list. 5. Click quick buttons (Inventory, Sales).	Default dashboard data	1. Dashboard loads with Today's Sales, Total Products, Low-stock Items. 2. Sales figure reflects member's access. 3. Product count matches backend inventory. 4. Low-stock items displayed accurately. 5. Buttons navigate correctly.	1. Dashboard loaded with all sections visible within 1 second. 2. Sales data matched backend records exactly. 3. Product count matched current inventory (caching fixed). 4. Low-stock list correctly displayed. 5. All buttons navigated to correct sections.	Pass

Test Case 3 – Inventory Management Read-Only View

Project Name: Gadget Shop management system		Test Designed by: Abu Taher Md. Mamun		
Test Case ID: TC_15		Test Designed Date: 20/01/2026		
Test Priority (Low, Medium, High): Medium		Test Executed by: Abu Taher Md. Mamun		
Module Name: Inventory Management		Test Execution Date: 20/01/2026		
Test Title: Verify read-only inventory view with filtering options				
Description: Confirm that members can view inventory items, filter by category/stock, but cannot add/edit/delete items.				
Precondition: Member is logged in and has access to Inventory module.				
Dependencies: Inventory data must be available and service responsive.				
Test Steps	Test Data	Expected Results	Actual Results	Status
1. Navigate to Inventory Management. 2. Apply Category filter. 3. Apply Stock Level filter. 4. Verify absence of edit/delete buttons. 5. Verify data accuracy with backend.	Category: Electronics Stock: Low	1. Inventory list displays with correct columns. 2. Only Electronics items shown. 3. Only low-stock items displayed. 4. No edit/delete options visible. 5. Data matches backend records.	1. All columns displayed correctly. 2. Filter showed 3 non-Electronics items due to categorization error. 3. Filter applied successfully. 4. Edit button visible and clickable (security issue). 5. Data matched backend exactly.	Fail

Test Case 4 – Sidebar Menu Visibility

Project Name: Gadget Shop management system		Test Designed by: Abu Taher Md. Mamun		
Test Case ID: TC_16		Test Designed Date: 20/01/2026		
Test Priority (Low, Medium, High): Low		Test Executed by: Abu Taher Md. Mamun		
Module Name: Sidebar Navigation		Test Execution Date: 20/01/2026		
Test Title: Verify sidebar shows only member-accessible menu items				
Description: Confirm that sidebar displays only Dashboard, Inventory, Customer, Billing for members, and no admin menus.				
Precondition: Member is logged into the system.				
Dependencies: Role-based access control must be properly configured.				
Test Steps	Test Data	Expected Results	Actual Results	Status
1. Verify sidebar visibility after login. 2. Check menu items listed. 3. Verify admin menus are absent. 4. Click each menu item. 5. Attempt manual admin URL access.	Menu items: Dashboard, Inventory, Customer, Billing	1. Sidebar displayed on left side. 2. Only Dashboard, Inventory, Customer, Billing visible. 3. No admin menus appear. 4. Each menu navigates correctly. 5. Access to /admin denied.	1. Sidebar loaded properly within 1 second. 2. Only the four correct items visible (Reports menu removed). 3. Admin menus correctly hidden. 4. All navigations worked instantly. 5. Access denied with "403 Forbidden" message.	Pass