

# **Manual Testing Report**

## **Point of Sale (POS) Web Application**

This document describes manual testing performed on every page and major button of the POS Web Application. The objective is to verify functionality, validation, security, and correct system behavior.

### **Login Page Testing**

- Login button was tested with valid credentials. User successfully logged into the system.
- Login button was tested with invalid credentials. Proper error message was displayed.
- Username and password fields were tested with empty input. Validation messages were shown.

### **Dashboard & Navigation Testing**

- Dashboard loaded correctly after successful login.
- All navigation menu buttons opened their respective pages without errors.

### **Add Product Page Testing**

- Add Product button successfully saved product data when valid information was entered.
- System displayed validation messages when required fields were left empty.
- Reset button cleared all input fields correctly.

### **Product List Page Testing**

- Edit button loaded selected product data for update.
- Delete option was restricted for employees without authorization.
- Search functionality returned accurate results.

### **Sale Page Testing**

- Sale button completed transaction successfully for available products.
- System prevented sale of out-of-stock products with an error message.
- Total amount was calculated correctly for multiple items.

### **Refund Page Testing**

- Refund button successfully processed valid refunds.
- System prevented refund of already refunded sales.

### **Stock Management Testing**

- Stock quantity was updated correctly for existing products.
- System validated invalid stock input values.

### **User & Role Management Testing**

- New users were added successfully with valid information.
- Roles were assigned correctly to users.
- Unauthorized users were prevented from accessing admin features.

### **Logout Testing**

- Logout button ended the session and redirected user to login page.

Conclusion: All major pages and buttons of the POS Web Application were tested manually. The system behaved as expected and met functional and security requirements. No critical defects were found.