# Black Box Testing - Test Cases for Medical Store Inventory System

## 1. Equivalence Class Partitioning (ECP) Test Cases

### Test Case ECP\_TC1

Input: Medicine Name = "Paracetamol"

Expected Output: Medicine added successfully

Actual Output: Medicine added successfully

Status: Pass

### Test Case ECP\_TC2

Input: Medicine Name = "" (empty)

Expected Output: Show error: Medicine name required

Actual Output: Show error: Medicine name required

Status: Pass

### Test Case ECP\_TC3

Input: Price = 10.5

Expected Output: Medicine added successfully

Actual Output: Medicine added successfully

Status: Pass

### Test Case ECP\_TC4

Input: Price = -5

Expected Output: Show error: Invalid price

Actual Output: Show error: Invalid price

Status: Pass

### Test Case ECP\_TC5

Input: Login with wrong password

Expected Output: Show "Invalid credentials" message

Actual Output: Show "Invalid credentials" message

Status: Pass

## 2. Boundary Value Analysis (BVA) Test Cases

### Test Case BVA\_TC1

Input: Quantity < 0

Expected Output: Show error: a positive value

Actual Output: Show error: a positive value

Status: Pass

### Test Case BVA\_TC2

Input: Quantity = 0

Expected Output: Show error: a positive value

Actual Output: Show error: a positive value

Status: Pass

### Test Case BVA\_TC3

Input: Quantity = 1

Expected Output: Medicine added successfully

Actual Output: Medicine added successfully

Status: Pass

### Test Case BVA\_TC4

Input: Quantity = 1000

Expected Output: Medicine added successfully

Actual Output: Medicine added successfully

Status: Pass

### Test Case BVA\_TC5

Input: Sale Quantity = 0

Expected Output: Show error: Invalid sale quantity

Actual Output: Show error: Invalid sale quantity

Status: Pass