**TEST CASE: BILLING**

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| **Test Case ID** | 09 |
| **Test Case** | BILLING |
| **Description** | Verify that the shopkeeper mobile app effectively records outgoing products in the billing system. |
| **Preconditions** | 1. the shopkeeper is logged into the mobile application. 2. Confirm a stable network connection. |
| **Steps** | 1. Launch the mobile app and access the "Billing" module. 2. Select the "Outgoing" option. 3. Input product details: Name, Quantity. 4. Submit by tapping "Click Here." 5. Review the updated "Remaining" quantity. 6. If necessary, endorse the action by tapping "Approved." 7. Confirm the displayed approval status. |
| **Expected Results** | 1. Successful submission without errors. 2. "Remaining" quantity updates based on the submitted quantity. |
| **Test Results** | Pass |
| **Post conditions** | 1. The outgoing product is recorded in the system with updated details. 2. Approval status reflects the recent action. |

**TEST CASE:** **Add Product**

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| **Test Case ID** | 10 |
| **Test Case** | Add Product |
| **Description** | the shopkeeper mobile app adds a new product by scanning a barcode. |
| **Preconditions** | The app has access to the device's camera |
| **Steps** | 1. Open the app and navigate to the "Add Product" section. 2. Choose the option to "Scan Barcode." 3. Scan the barcode on the product. 4. Confirm or enter the product name. 5. Enter the price per unit. 6. Save or submit the product details. |
| **Expected Results** | 1. Successful scanning of the barcode without errors. 2. Accurate retrieval of product information from the barcode. 3. Proper recording of product name and price per unit. |
| **Test Results** | Pass |
| **Post conditions** | 1. The new product is added to the inventory with the scanned details. 2. Price per unit is recorded accurately. |

TEST CASE: **Product Added Successfully**

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| **Test Case ID** | 11 |
| **Test Case** | Product Added Successfully |
| **Description** | Verify that the shopkeeper mobile app accurately confirms the successful addition of a product. |
| **Preconditions** | 1. Shopkeeper is logged into the mobile application. 2. Stable network connection |
| **Steps** | 1. Open the app and navigate to the "Product Addition" section. 2. Enter product details: Name, Price, Quantity, etc. 3. Submit the product details. 4. Confirm the displayed message: "Product added successfully." |
| **Expected Results** | 1. The product submission process completes without errors. 2. The confirmation message "Product added successfully" is displayed. |
| **Test Results** | Pass |
| **Post conditions** | 1. The product submission is successful. 2. The confirmation message is visibly presented |

**TEST CASE: SETTING**

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| **Test Case ID** | 12 |
| **Test Case** | SETTING |
| **Description** | Verify that the shopkeeper mobile app correctly updates account settings including profile, password, and notifications. |
| **Preconditions** | 1. Shopkeeper is logged into the mobile application. 2. Stable network connection |
| **Steps** | 1. Open the app and go to the "Settings" section. 2. Select "Account." 3. Update the profile information. 4. Change the password. 5. Adjust notification preferences. 6. Save the changes. |
| **Expected Results** | 1. Profile details, password, and notification preferences are updated without errors. 2. The system confirms the successful update |
| **Test Results** | Pass |
| **Post conditions** | 1. The shopkeeper's account settings are updated in the system. 2. Confirmation of successful changes is displayed. |