# Software Project

| As A/An | I want to | So that | Acceptance Criteria |
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| Admin | Login with my username and password | I can access all admin features securely | User must input valid ID & password; after successful login redirect to Admin Dashboard |
| | View my profile | I can confirm my details | Profile data must load accurately from database |
| | Update my profile information | My profile stays accurate | Updated information should reflect instantly in database |
| | Change my password | Only I can access my account | Must enter old password, new password, confirm new password; success message shown |
| | Manage users (Add/Remove/Update) | System operates correctly with authorized staff | Adding user requires valid fields; removing asks confirmation; editing updates database |
| | View Customer List | I can manage and verify customer info | Customer table must show ID, name, phone, gender |
| | View and Manage Inventory | Inventory data stays accurate | Must validate price/stock numeric; updated info shown in inventory table |

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| | View Transaction History | I can monitor store performance | Transaction list must show Bill ID, date, total amount, customer |
| | Logout | No unauthorized access happens | Session clears and redirects to login page |
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| Salesman | Login using username and password | I can access billing features | Valid credentials redirect to Billing Page |
| | View inventory | I can assist customers during purchase | Inventory table must show gadget name, price, stock |
| | Add items to cart | Total amount can be calculated | Adding updates total amount; cannot add out-of-stock items |
| | Remove or update item quantity in cart | The bill stays accurate | Cart updates must reflect in total amount |
| | Insert customer details | Bill includes correct customer name/phone | Customer required fields must be validated |
| | Generate bill | A receipt is created and saved | System must save bill in database and update stock |
| | Print bill | Customer receives proof of purchase | Bill shows all purchased items with total amount |
| | Logout | Others cannot misuse my account | Session cleared and redirect to login page |
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| Inventory Manager | Login securely | I can manage stock safely | Valid login redirects to inventory dashboard |

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| | Add new gadgets | Store has updated product availability | Must validate gadget name, price, stock, category |
| | Update gadget information | Information stays accurate | Updated values must reflect immediately |
| | Update stock quantity | Store has correct stock data | Stock cannot be negative; success message shown |
| | Delete a gadget | Store doesn't show outdated products | Confirmation required before deletion |
| | View full inventory list | I can track stock levels | Table shows ID, name, price, stock, category |
| | Search gadgets | I can update or check stock easily | Search should filter by name or category |
| | Logout | Prevent unauthorized access | Session clears and returns to login page |
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| Customer | Store my name & phone number during billing | My purchase is identified | salesman must enter valid customer Information |
| | View available products & check prices before purchase | I can decide what to buy | System shows list of gadgets. |
| | Receive & printed bill for confirm my purchase | I have my purchases transaction | Bill must contain item , quantity, total bill, date. |
| | Request fix any wrong items | My payment is accurate | Salesman must update cart & regenerate bill. |