| ID | Task Name | Acceptance Criteria (format: use keywords Given, When, And, Then) |
|---|---|---|
| US1 | DBS_add | When a user add/delete/edit data, Then the database will accept the update. |
| US2 | DBS_delete | |
| US3 | DBS_edit | |
| US4 | DBS_alert | When an item is about to expire, Then the system will automatically send a reminder. |
| US5 | DBS_sort | Given different categories, When the user selects a category, Then show the products undere that category. |
| US6 | DBS_visualization | Given automatically generated charts, When the user changes the chart options or changes the data range, Then the chart is regenerated based on user behavior |
| US7 | DBS_analyze | Given users the opthon of AI analysis, When the user chooses to use this feature, Then the user's data is used as input for his analysis fuciton, Then provides analysis of the data, such as the history of sales for each item. |
| US8 | DBS_barcodeInput | Given barcode entry options, When the user enters product information using the barcode Then the corresponding product information, such as product name, brand, price, etc., is automatically populated. |
| US9 | CR_scan | When the user scans the barcode, Then the scanned product information is added to the checkout list |
| US10 | CR_amountowed | Given a complete checkout list, including the name, quantity, price, total, tax, receivable, paid-in, and change for each item. |
| US11 | CR_paymentstatus | |
| US12 | CR_deposit | |
| US13 | CR_additem | |
| US14 | CR_removeitem | |
| US15 | CR_receipt | |
| US16 | SRM_eval | Gives information about all suppliers. When the user selects to query the best supplier for a certain category of products, Then information about that supplier is displayed. |
| US17 | SRM_select | |
| US18 | SRM_contract | |
| US19 | SRM_msg | When a user wishes to contact a supplier, Then a contact channel is established for both. |
| US20 | SRM_kpi | |
| US21 | SRM_help | |
| US22 | ML_upload | Given the model for machine learning. When the user chooses to use this machine learning to analyze his sales and data, Then the corresponding analysis results are shown. |
| US23 | ML_runmodel | |
| US24 | ML_pulldata | |
| US25 | ML_predict | |
| US26 | ML_timepredict | |
| US27 | ML_pricequantity | |
| US28 | LOG_details | Given information about all logistics. When the user selects a particular logistics, Then the details of that logistics are provided. |
| US29 | | When a delivery to a customer is signed for or the user is about to receive a delivery, Then the system sends an alert. |
| US30 | LOG_notify | |
| US31 | LOG_history | Given a log of all logistics information. |
| US32 | Login_2Factor | When a user tries to log in to their account, Then ask them to provide a secondary authentication in addition to their username and password. |
| US33 | DBS_securiy | Given as all encrypted user data. |
| US34 | DBS_cloud | Given all the data through cloud. |