|  |  |
| --- | --- |
| **Date** | 27/06/2025 |
| **Team ID** | LTVIP2025TMID31079 |
| **Project Name** | Medical Inventory Management |
| **College name** | IDEAL INSTITUTE OF TECHNOLOGY, KAKINADA |

**Model Performance Testing:**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **Parameter** | **Values** | **Screenshot** |
|  | Model Summary | **-** |  |
|  | Accuracy | Training Accuracy – 90%  Validation Accuracy -90% |  |
| 3. | Fine Tunning Result( if Done) | Validation Accuracy -90% |  |

**Test Scenarios & Results**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Scenario (What to test)** | **Test Steps (How to test)** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| **FT-01** | Text Input Validation (e.g., topic, job title) | Enter valid and invalid text in input fields | Valid inputs accepted, errors for invalid inputs |  |  |
| **FT-02** | Number Input Validation (e.g., word count, size, rooms) | Enter numbers within and outside the valid range | Accepts valid values, shows error for out-of-range |  |  |
| **FT-03** | Content Generation (e.g., blog, resume, design idea) | Provide complete inputs and click "Generate" | Correct content is generated based on input |  |  |
| **FT-04** | API Connection Check | Check if API key is correct and model responds | API responds successfully |  |  |
| **PT-01** | Response Time Test | Use a timer to check content generation time | Should be under 3 seconds |  |  |
| **PT-02** | API Speed Test | Send multiple API calls at the same time | API should not slow down |  |  |
| **PT-03** | File Upload Load Test (e.g., PDFs) | Upload multiple PDFs and check processing | Should work smoothly without crashing |  |  |

**Model Performance Testing:**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **Parameter** | **Values** | **Screenshot** |
|  | Metrics | **Regression Model:** MAE - , MSE - , RMSE - , R2 score -  **Classification Model:** Confusion Matrix - , Accuray Score- & Classification Report - |  |
|  | Tune the Model | Hyperparameter Tuning -  Validation Method - |  |

**Model Performance Testing:**

|  |  |  |
| --- | --- | --- |
| **S.No.** | **Parameter** | **Screenshot / Values** |
|  | Data Rendered |  |
|  | Data Preprocessing |  |
| 3. | Utilization of Data Filters |  |
| 4. | DAX Queries Used |  |
| 5. | Dashboard design | No of Visualizations / Graphs – |
| 6 | Report Design | No of Visualizations / Graphs – |

**Model Performance Testing:**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **Parameter** | **Values** | **Screenshot** |
|  | Model Summary | Salesforce automation setup for Data management using Object, Fields and Reports.  **Note :** Import Records if data Match Correctly then Records will Created or Else it will Show Error |  |
|  | Accuracy | Training Accuracy - 98%  Validation Accuracy - 98% |  |
| 3. | Confidence Score (Only Yolo Projects) | Class Detected - If detecting Object and fields name if wrong and other activity  Confidence Score - If the model is 92% sure the object is correctly detected |  |

**Model Performance Testing:**.

|  |  |  |
| --- | --- | --- |
| **S.No.** | **Parameter** | **Screenshot / Values** |
|  | Data Rendered |  |
|  | Data Preprocessing |  |
| 3. | Utilization of Filters |  |
| 4. | Calculation fields Used |  |
| 5. | Dashboard design | No of Visualizations / Graphs – |
| 6 | Story Design | No of Visualizations / Graphs – |

**Project Overview:**

Project Name: Medical Inventory Management

Project Description: This project is a comprehensive Salesforce application to streamline and manage various operational aspects of medical inventory. The system aims to efficiently maintain supplier details, manage purchase orders, track product details and transactions, and monitor the expiry dates of products. Maintain detailed records of suppliers, including contact information. Catalog product information, including descriptions, stock levels. Monitor and track product expiry dates to avoid using expired items. Comprehensive reports to track supplier performance, and purchase orders.

Testing Period: 23/06/2025 to 27/06/2025

**Testing Environment:**

URL/Location: salesforce developer

Credentials (if required): [premyandamuri352762@agentforce.com](mailto:premyandamuri352762@agentforce.com)

Password: premproject26

**Test Cases:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Scenario** | **Test Steps** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| TC-001 | Verify adding new medical inventory item | 1. Login to the system  2. Navigate to Inventory module  3. Add details and click save | The new item should be added successfully | The new item was added successfully | Pass |
| TC-002 | Verify low stock alert | 1. Login to the system  2. Navigate to Inventory module  3. Update stock to below minimum | System should generate low stock alert | System generated low stock alert | Pass |
| TC-003 | Verify deletion of expired medicines | 1. Login to the system  2. Navigate to Expired Medicines  3. Click delete | Expired medicines should be deleted from inventory | Expired medicines were deleted from inventory | Pass |

**Bug Tracking:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Bug ID** | **Bug Description** | **Steps to reproduce** | **Severity** | **Status** | **Additional feedback** |
| BG-001 | Low stock alert not triggering  when stock reaches threshold level | 1. Login to the system  2. Update item to low stock level  3. Check for alert | Medium | Closed | Resolved after threshold fix |
| BG-002 | Expired medicine not removable  from inventory | 1. Login to the system  2. Navigate to Expired Medicines  3. Attempt to delete | High | In progress | Under investigation by dev team |
| BG-003 | Inventory page loading slowly | 1. Login to the system  2. Navigate to Inventory module  3. Observe loading time | Low | open | Performance optimization |

**Sign-off:**

Tester Name: Parimi Lakshmi Tulasi

Date: 27/06/2025

Signature: P.Tulasi