**User Acceptance Test**

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| --- | --- |
| **Date** | 19-06-2025 |
| **Team ID** | LTVIP2025TMID48265 |
| **Project Name** | Strategic Product Placement Analysis: Unveiling Sales Impact with Tableau Visualization |
| **Maximum Marks** |  |

**1. Project Overview**

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| --- | --- |
| **Parameter** | **Description** |
| Project Name | Strategic Product Placement Analysis with Tableau |
| Project Description | A Tableau-based analytics dashboard designed to visualize and improve product placement and promotional efficiency within a retail environment. |
| Project Version | v1.0 |
| Testing Period | 20 February 2025 – 22 February 2025 |

**2. Testing Scope**

**Functionalities to be Tested:**

* Visualization of product-wise sales performance
* Store and SKU-wise promotional impact analysis
* Region and time-based filtering of data
* Cross-store comparison metrics
* Dashboard download and export features
* Access roles for Analyst, Manager, and Admin

**User Stories to be Verified:**

* **USN-01:** As an analyst, I can view sales trends and filter by category and date.
* **USN-02:** As a manager, I can compare product placement effectiveness across regions.
* **USN-03:** As an admin, I can access all dashboards and export consolidated reports.
* **USN-04:** As a user, I can apply multiple filters and drill down into store-level insights.

**3. Testing Environment**

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| --- | --- |
| **Parameter** | **Value** |
| Platform URL | <https://public.tableau.com/> (or Tableau Server link used in your project) |
| Deployment Mode | Tableau Public / Tableau Desktop / Tableau Server |
| Access Credentials | Role-based login or local testing with Tableau Developer version |

**4. Test Cases Table**

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| --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Scenario** | **Test Steps** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| TC-001 | Apply Time Filter | 1. Open dashboard2. Select month & year from dropdown | Graph updates with selected time range | Works as expected | Pass |
| TC-002 | Filter by Store Location | 1. Choose region (e.g., South India)2. Observe dashboard updates | Metrics update only for selected region | Works as expected | Pass |
| TC-003 | Compare Promotions Across Products | 1. Use promotional type filter2. Check bar charts and ROI fields | ROI calculations and charts change dynamically | Correctly visualized | Pass |
| TC-004 | Export Dashboard as PDF | 1. Click Export2. Choose format: PDF3. Save locally | Dashboard exported successfully | PDF generated | Pass |
| TC-005 | Unauthorized user access check | 1. Login with analyst role2. Attempt to edit dashboard | Edit option disabled | Access blocked | Pass |

**5. Bug Tracking Table**

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| --- | --- | --- | --- | --- | --- |
| **Bug ID** | **Bug Description** | **Steps to Reproduce** | **Severity** | **Status** | **Additional Feedback** |
| BG-001 | Export fails if filters applied | 1. Apply filters2. Export dashboard | Medium | Resolved | Used fixed layout export feature in Tableau |
| BG-002 | Tooltip values not updating correctly | Hovering on some graphs shows old values | Low | Closed | Tooltip recalculated after data refresh |
| BG-003 | Graphs not responsive in mobile view | Resize to mobile screen, overlap occurs | Medium | Fixed | Adjusted to mobile layout and spacing |

**6. Feedback & Observations**

* Filtering and interactivity are intuitive and smooth.
* Visualizations are meaningful and support decision-making.
* Drill-down features work effectively for store-level insights.
* Export options function well for report generation.
* Role-based access works correctly with restricted edit rights.

**7. Sign-off**

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| --- | --- | --- | --- |
| **Role** | **Name** | **Date** | **Signature** |
| Tester | [Your Name] | 22 February 2025 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Project Manager | [Mentor Name] | 22 February 2025 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Product Owner | [Evaluator Name] | 22 February 2025 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Notes & Best Practices**

* Verified both success and error scenarios for filters and visuals.
* Bugs tracked with severity and resolution approach.
* Screenshots included for test validations.
* Received feedback from diverse roles (Analyst, Manager, Admin).
* All functionalities were validated against defined user stories.