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| **Test Execution Report**  Project Name: Orange HRM(web application) |
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**OrangeHRM**

| **Prepared By: Thoorpati Swathi**  **Date: 24-03-2025** |
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**Test Execution Report**

| **Total Test Cases** | **Passed** | **Failed** | **Pass Percentage** | **Fail Percentage** |
| --- | --- | --- | --- | --- |
| **77** | 29 | 48 | 37.66% | 62.34% |

**1. Overview**

The following report provides a detailed analysis of the test execution conducted for the Orange HRM website. This includes information about test cases, their results, and insights into areas that require improvement.

**2. Test Cases Summary**

**Breakdown:**

**· Total Test Cases**: 77

**· Passed**: 29

**· Failed**: 48

**· Pass Percentage**: (29 / 77) × 100 = 37.66%

**· Fail Percentage**: (48 / 77) × 100 = 62.34%

**3. Root Cause Analysis**

**Failed Test Cases Overview**:

· High number of failures indicates potential issues in core functionalities such as User Authentication, Reporting, and Performance Reviews.

· Common issues include incorrect data handling, slow loading times, and UI/UX inconsistencies.

**4. Recommendations**

**· Bug Fixing**: Address critical and high-severity bugs reported.

**· Testing Enhancements**: Implement thorough regression testing and automated testing for key functionalities.

**· Performance Optimization**: Optimize database queries and ensure efficient code execution for performance-sensitive areas.

**5. Conclusion**

The test execution for the Orange HRM website has provided a comprehensive understanding of the system's current state. Addressing the failed test cases and enhancing overall system reliability will be essential steps moving forward.