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

**OrangeHRM**

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**Test Execution Report**

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| 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.