### **Bug Summary Report**

**Project Name:** OrangeHRM Cypress Test Automation Project  
**Date:** 23 March 2025  
**Prepared By:** Thoorpati Swathi

### **1. Overview**

The purpose of this Bug Summary Report is to document, track, and analyze defects identified during the testing of the OrangeHRM Cypress Test Automation Project. It ensures a structured review of defects, supports resolution efforts, and provides insights into system quality.

### **2. Bug Report Summary**

| **Bug ID** | **Module** | **Severity** | **Priority** | **Status** | **Assigned To** | **Description** | **Reported Date** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| BUG001 | Login | Critical | High | Open | Dev Team | Login fails with valid credentials | 22-Mar-2025 | Needs investigation |
| BUG002 | Password Recovery | Medium | Medium | Open | Backend Team | Reset link not received via email | 22-Mar-2025 | Email logs to be checked |
| BUG003 | Dashboard Access | High | High | In Progress | Frontend Team | Admin dashboard loading slowly | 23-Mar-2025 | Performance issue suspected |
| BUG004 | Employee Records | Low | Low | Closed | QA Team | Minor UI alignment issue on forms | 23-Mar-2025 | Fixed and re-tested |
| BUG005 | Multi-Language | Medium | Low | Open | Localization Team | Incorrect translation in French | 23-Mar-2025 | Awaiting updated translations |

### **3. Bug Severity Classification**

* **Critical:** System crash or major functionality failure.
* **High:** Major functionality is impacted but no system crash.
* **Medium:** Non-essential feature malfunction or performance degradation.
* **Low:** UI issues or minor inconveniences with minimal impact.

### **4. Defect Trend Analysis**

* **Total Bugs Identified:** 5
* **Bugs Fixed:** 1
* **Bugs in Progress:** 1
* **Bugs Pending:** 3

### **5. Root Cause Analysis (RCA)**

1. **Login Module Failure:** Backend authentication errors due to incorrect token handling.
2. **Password Recovery Delay:** SMTP configuration misaligned with the environment.
3. **Dashboard Load Time:** Suspected large data load causing performance bottleneck.
4. **UI Alignment:** CSS styling inconsistencies on responsive layouts.
5. **Language Translation Error:** Missing localization key in French version.

### **6. Recommendations**

* **Backend Review:** Ensure secure and accurate token handling.
* **Email Service Debugging:** Analyze email delivery logs for delays.
* **Performance Optimization:** Implement lazy loading on dashboards.
* **UI Standardization:** Enforce consistent styling in reusable components.
* **Localization Process Improvement:** Enhance multi-language validation testing.

### **7. Conclusion**

The OrangeHRM Cypress Test Automation Project has surfaced key defects, primarily around backend functionality, performance, and user experience. The team is actively resolving these bugs, ensuring the platform meets quality expectations. Regular reviews, regression testing, and CI/CD integration will ensure continuous improvement.