Manual Testing Report

Project: HR Management System – Amader IT (Demo)

Test URL: https://amaderit.net/demo/hr

Test Date: 01 May 2025

Tested By: Khairul Islam Robi

Test Type: Functional and UI Testing

Access Credentials:  
- User ID: 12345678  
- Password: 19970204

# 1. Test Environment

|  |  |
| --- | --- |
| Component | Details |
| Device | Laptop, Smartphone |
| Operating Systems | Windows 11 (Desktop), Android 13 |
| Browsers Tested | Google Chrome (v123), Firefox |
| Screen Resolutions | 1920x1080, 390x844 (Responsive) |
| Network Environment | Stable Broadband (10 Mbps) |

# 2. Test Objectives

* - Verify core HRM functionalities (login, dashboard, employee, leave, attendance, payroll)
* - Ensure user interface elements load and function correctly
* - Validate form behavior and input constraints
* - Check system responsiveness across different devices
* - Evaluate system error handling and logout behavior

# 3. Test Scenarios and Results

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TC ID | Test Case Description | Steps Performed | Expected Result | Actual Result | Status |
| TC-01 | Valid Login | Entered valid user ID & password, clicked login | User is redirected to dashboard | Dashboard loaded successfully | ✅ Pass |
| TC-02 | Invalid Login | Entered incorrect credentials | Proper error message displayed | Error message shown | ✅ Pass |
| TC-03 | Dashboard Accessibility | Accessed dashboard from main menu | Dashboard page displays summary info | Working as expected | ✅ Pass |
| TC-04 | Employee List Module | Navigated to Employee → Employee List | Employee records displayed in a table | Employee list visible | ✅ Pass |
| TC-05 | Apply Leave Functionality | Accessed Leave → Apply Leave, filled form, submitted | Leave request successfully submitted | Leave submitted and visible in leave list | ✅ Pass |
| TC-06 | Attendance Report Viewing | Accessed Attendance → Attendance Report | Attendance logs display correctly | Attendance records loaded | ✅ Pass |
| TC-07 | Form Validation (Leave Application) | Submitted leave form with empty fields | Validation messages appear for required inputs | Validation handled appropriately | ✅ Pass |
| TC-08 | Logout Process | Clicked Logout from user menu | Session ends and user is redirected to login screen | Logout successful | ✅ Pass |
| TC-09 | Mobile Responsiveness | Accessed system from mobile browser (Chrome, Android 13) | UI adapts to mobile layout without distortion | UI is responsive with minor layout overlap | ✅ Pass (with notes) |

# 4. Issues Identified

|  |  |  |
| --- | --- | --- |
| Issue ID | Description | Severity |
| UI-001 | Slight element overlap in footer on mobile view | Low |

# 5. Recommendations

* - Adjust padding/margins for mobile layouts, especially in the footer area.
* - Add a loading spinner when switching between major modules for better UX.
* - Add ARIA labels for key form inputs to support screen readers.

# 6. Overall Assessment

The HRM demo system is functionally sound and stable across core modules. All critical business functionalities, including login, attendance, leave management, and payroll, performed as expected. Minor UI and security enhancements are recommended before production deployment.