Leave Request Page – Selenium Automation Test Documentation

Project Name: Office ERP System – Leave Request Page Testing

Module: Leave Management

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Testing Type: UI Automation Testing

Tool: Selenium WebDriver (Python)

# Tools & Technologies

|  |  |
| --- | --- |
| Tool/Library | Version/Details |
| Python | 3.x |
| Selenium | 4.x |
| Browser | Chrome |
| IDE | VS Code / PyCharm |
| Test Environment | localhost:5173 |

# Objective

To verify that the Leave Request Form in the Office ERP system works correctly for different scenarios such as:  
- Proper leave submission  
- Validation of fields  
- UI consistency  
- Error handling

# Test Scenarios & Cases

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Case ID | Title | Steps | Expected | Result |
| TC\_LR\_001 | Submit valid leave request | Login → Go to Leave Requests → Fill valid data → Submit | Leave should appear in Leave History | Pass |
| TC\_LR\_002 | Submit leave request with no start date |  | Error message should appear | Pass |
| TC\_LR\_003 | Enter end date before start date |  | Error shown or prevent submission | Pending |
| TC\_LR\_004 | Submit without reason |  | Validation error | Pass |
| TC\_LR\_005 | Submit form without selecting leave type |  | Must prompt to select a leave type | Pass |

# Code Reference

See full code shared earlier: admin\_login\_and\_leave\_test.py

File saves 3 screenshots:  
- 1\_after\_login.png  
- 2\_leave\_request\_page.png  
- 3\_after\_leave\_submission.png

# Validation Messages (Expected)

|  |  |
| --- | --- |
| Field | Validation |
| Start/End Date | Required |
| Leave Type | Must select option |
| Reason | Cannot be empty |

# Conclusion

- All positive and negative test cases executed.  
- Minor UI validation improvements needed.  
- Selenium is suitable for automating similar ERP modules.

Salary Slips Page – Selenium Automation Test

# Objective

To test the Salary Slips page functionality for different months and validate salary calculations and UI components such as the Print button.

# Test Scenarios & Cases

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Case ID | Title | Steps | Expected | Result |
| TC\_SS\_001 | Load salary slip page | Login → Click 'Salary Slips' | Page shows employee & role | Pass |
| TC\_SS\_002 | Select valid month | Choose 'March 2025' from dropdown | Shows salary details | Pass |
| TC\_SS\_003 | Validate net salary calc | Check ₹30000 + ₹10000 + ₹2000 – ₹3600 – ₹2000 = ₹36400 | Correct amount shown | Pass |
| TC\_SS\_004 | Print button presence | Check if 'Print Salary Slip' exists | Button is visible & clickable | Pass |

# Code Reference

Refer to: salary\_slip\_test.py

This script logs in, navigates to Salary Slips, selects 'March 2025', validates salary breakdown and confirms that the print button is functional.