Automation Test Report

1. **Test cases**

   All test cases are listed in TestLink Group I under PIM – Create employee and My info – Personal Information test suites

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▷ 📁 My info - Dependents (8)
▲ 📁 PIM - Create employee (18)
   ▲ 📁 Full name and Employee ID inputs (3)
      ▤ 19F_I-40:First Name, Last Name,Mddle Name, EmployeeID valid case
      ▤ 19F_I-39:First Name, Last Name, Middle Name, EmployeeID empty
      ▤ 19F_I-44:First Name, Last Name, Middle Name, EmployeeID invalid - max character
   ▲ 📁 Create login detail (1)
      ▤ 19F_I-54:Create login detail
   ▲ 📁 Username inputs (5)
      ▤ 19F_I-62:Username invalid - above max
      ▤ 19F_I-61:Username invalid - below minimal
      ▤ 19F_I-60:Username valid case
      ▤ 19F_I-59:Username empty case
      ▤ 19F_I-74:Username invalid - uniqueness
   ▲ 📁 Password/Confirm password cases (9)
      ▤ 19F_I-73:Password doesn't match
      ▤ 19F_I-72:Password that doesn't have uppercase letter
      ▤ 19F_I-70:Password that doesn't have lowercase letter
      ▤ 19F_I-69:Password that doesn't have digit
      ▤ 19F_I-67:Password invalid - max characters exceed
      ▤ 19F_I-63:Password/confirm password empty
      ▤ 19F_I-64:Password/confirm password valid
      ▤ 19F_I-65:Password invalid - below min characters
      ▤ 19F_I-66:Password that doesn't have special character
▲ 📁 My info - Personal Information (15)
   ▲ 📁 Full name and Employee ID inputs (3)
      ▤ 19F_I-93:First Name, Last Name,Mddle Name, EmployeeID valid case
      ▤ 19F_I-94:First Name, Last Name, Middle Name, EmployeeID empty
      ▤ 19F_I-95:First Name, Last Name, Middle Name, EmployeeID invalid - max character
   ▲ 📁 Other ID, driver license's number input (3)
      ▤ 19F_I-98:Other ID, driver license's number invalid
      ▤ 19F_I-97:Other ID, driver license's number valid
      ▤ 19F_I-96:Other ID, driver license's number empty
   ▲ 📁 Nationality, Marital status input (2)
      ▤ 19F_I-102:Nationality/Marital status input valid
      ▤ 19F_I-101:Nationality/Marital status input empty
   ▲ 📁 Gender input (2)
      ▤ 19F_I-100:Gender input valid
      ▤ 19F_I-99:Gender input empty
   ▲ 📁 DOB/License Expiry Date input (5)
      ▤ 19F_I-104:DOB/License Expiry Date valid
      ▤ 19F_I-103:DOB/License Expiry Date empty
      ▤ 19F_I-105:DOB/License Expiry Date invalid - format
      ▤ 19F_I-106:DOB/License Expiry Date invalid - date
      ▤ 19F_I-107:DOB/License Expiry Date invalid - out of reach date
```

Note: The test cases are the combination of similar fields for easier testing.

2. **Environment**
   - OS: Window 11
   - Software used:
     - Python
     - webdriver_manage module for WebDriver management (used 3 WebDriver – Chrome, Edge Chromium, Gecko – for Firefox)
     - Selenium
   - Prerequisites: an account with admin role (username: **admin1**, password: **Test123!**)

3. **Result**
- PIM Create Employee UI feature
  - Full name and Employee ID: All 3 cases passed, in 3 web browsers.
  - Create login detail: Passed, as it sustained later test cases.
  - Username: All cases passed, in 3 web browsers.
  - Password/Password confirm: All cases passed, in 3 web browsers.
- My info – personal information
  - Full name and Employee ID: All 3 cases passed, in 3 web browsers.
  - Driver license and other ID: All 3 cases passed, in 3 web browsers.
  - Martial status/Nationality: All 2 cases passed, in 3 web browsers.
  - Gender input: Ignored 1 test case (since it is not worth testing), 1 test case passed, in 3 web browsers
  - DOB/License Expiry Date: 4/5 test cases passed, 1/5 test case failed (out of reach date case), in 3 web browsers

4. Self assessments:

No.	Criteria	Grade	Self-Assessment Grade
1	Test cases for 2 functions in OrangeHRM (apply domain testing)	2	2
2	Selenium scripts for 2 functions should cover all cases which are designed in [1]	2	2
3	Selenium Scripts for 2 functions run correctly with provided test data	2	2
4	Capture video for test executions	2	2
5	Use at least 3 Selenium WebDrivers for different browsers	1	1
6	Write test report	1	1
	Total	10	10

Link to execution video: https://youtu.be/bkph9QKnjsE