**Testing Document - Capstone project**

**1. Introduction**

**1.1 Purpose**

Assignments on both manual and automation testing work.

**1.2 Scope**

1. Test Case preparation on Unit testing, Integration testing and End to End testing.

2. Selenium Java automation script writing.

3. API testing

**1.3 Audience**

Capstone project reviewers, mentors, and team members.

**2. Testing scope**

**2.1 TestCase preparation:**

**Unit Testing :** 1. Login functionality, 2. Leave Request Calculation

**Integration Testing:** Performance review and employee record

**End to End Testing:** Performance review Cycle

**2.2 Selenium Script :**

- Fileupload

- Datepicker

- Login Page

- Multi selection drop down

- Calculator

**2.3 API Testing:**

**-** POST To Verify Login with valid details

- POST To Verify Login without email parameter

- DELETE To Verify Login

- POST To Verify Login with invalid details

- POST To Create/Register User Account

- DELETE METHOD To Delete User Account

1. **Test Deliverables**

**-** Test Case

- Selenium script

- API test script

1. **Resource Allocation**
   1. Java
   2. Eclipse
   3. Postman
   4. Excel
2. **Test Environment**

**Used Websites:**

TestCase preparation : <https://opensource-demo.orangehrmlive.com/web/index.php/auth/login>

Selenium Script : [https://webdriveruniversity.com/File-Upload/index.html](https://webdriveruniversity.com/File-Upload/index.html" \t "_blank)

[https://webdriveruniversity.com/Datepicker/index.html](https://webdriveruniversity.com/Datepicker/index.html" \t "_blank)

[https://www.saucedemo.com/](https://www.saucedemo.com/" \t "_blank)

[https://omayo.blogspot.com/](https://omayo.blogspot.com/" \t "_blank)

[https://testpages.herokuapp.com/styled/calculator](https://testpages.herokuapp.com/styled/calculator" \t "_blank)

API script : [https://www.automationexercise.com/api\_list#collapse7](https://www.automationexercise.com/api_list" \l "collapse7)

**6. Exit Criteria**

Test Case Documents

- Summery Sheet

-Test case Sheet

Selenium Java program

API testing script

**Document Available path : <https://github.com/michealsammanasu/CapAssignments>**

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