**How to execute:**

Go to /Task/resources/testNG\_xml/Task.xml and add the suite then click on execute as testNG suite

**Test Automation Deliverables:**

The following work products will be created by the automation test team:

⦁ Automation test plan

⦁ Enterprise test automation framework configured for Task

⦁ TaskFinleap related business function components automated smoke, regression, sanity test scripts

⦁ Automated test execution reports and defects encountered during Regression

⦁ Transactional test data generated during automated scripts execution

⦁ Documentation and manuals

⦁ Script coding and management standards

⦁ Script Development/Execution tracker.

⦁ Functional Issue log tracker.

**Scope of Test Automation Script Development:**

**In-Scope:**

The following item/features will be tested and developed:

⦁ Enhancing Automation Framework

⦁ Configuring Test Automation Framework for TaskFinleap

⦁ Creating Scripts for TaskFinleap functionality.

⦁ UI and Service based smoke tests in all the necessary regions.

⦁ Regression scenarios

⦁ End to End scenarios

⦁ UI Workflow scenarios

⦁ Standards for test automation coding and code management

⦁ Standards for managing and using test data for automation

**Out of Scope:**

* Defining all test data values
* Managing test environments
* Any expected result outside of TaskFinleap
* Video call and audio call quality check

• **Risks and Assumptions**

• **Testing Risks**

|  |  |
| --- | --- |
| **Risk** | **Mitigation Approach** |
| Schedule Slippage: Testing falls behind schedule | Automation Test group will work over-time and possibly weekend to catch up to schedule |
| Environment availability: Test environment is not available before the pre-staging environment is stable | Testing will not begin until the test environment is available. All environment issues that last over 30 minutes will be logged in issue\_tracker.xls document located on SharePoint. |
| Slow performance of server | Increase memory and CPU speed. |
| Not well documented manual test cases | The automation team will request manual testing team to update the steps or provide additional step details for test cases in scope. |
| Changes on User stories that are already handed off to QA. | More coordination between Business, BA’s, Dev and QA. |
| Invalid test data mentioned in test cases | More effective communication needed between automation team and manual testing team to get valid test data and work in close co-ordination. |

• **Testing Assumptions**

The following assumptions were made to create this test plan:

• Functional Sprint Testing has to be completed before running regression testing.

• Testing tools are available.

• Separate test environment is available for automation needs.