

Smartship Automation - Next Steps

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| Status | IN PROGRESS |
| Inventory for Rel 1.1.1 | SMAR-13524 - Test cases inventory for Automation - Label = AUTOMATED |
| Test Plan | SMAR-13589 - Test plan for the current Automation test cases - Label = AUTOMATED |
| Target Date-1 | Phase 1: 30 Days - March 01 2018 |
| Target Date-2 | Phase 2: 60 Days - April 02 2018 |
| Target Date-3 | Phase 3: 120 Days - June 02 2018 |

Chronological Events for Planning and Execution:

Draft 1: First Draft and meeting planned and discussed with Steve on Jan 03 2018

Jan 09 2018: SMAR-12489 Planned for completion, Meeting scheduled and discussed on planning and execution

Jan 11 2018: Automation Syncup - Plans and execution

Jan 26 2018: Scenarios created for Automation test cases

Jan 29 2018: SMAR-13589 - Test plan created for Automation test cases


Jan 29 2018: Team Discussion on next steps for various targets - Day 30, Day 60, Day 120

Jan29 2018: Review-1

- I had shared a matrix for Automation team and I expect team to be ready with that as it will cover (P1)
- what Automation coverage has been done so far in each areas , what is pending , who is doing , when it will be done --> map to a next 30 day plan (P1)
- how many manual test cases in the current test plan can be replaced with the completed automated test cases ? what does this means to manual testing team's efficiency ? schedule improvement for releases ? (P1)

Feb 15 2018: Meeting scheduled for Review-2

Mar 01 2018:

Rel 1.1.1 Inventory :  **SMAR-13524** - Automation - Release 1.1.1 Features - Phase 1 **TO DO**

Rel 1.1.1 Functional Areas Coverage : Revised:

Rel 1.1.1 Functional Areas Coverage :

| S . No | Area /Type of testing | Functional Coverage | Existing TC's | Teams involved | Individual Owners | Target Release /Date | Comments |
|--------|-----------------------|---------------------|---------------|----------------|---------------------|----------------------|---|
| 1 | Functional-GUI | Alerts | 32 | Cochin Team | Gifty /Nisha /Sajan | Rel 1.1.1/ Drop1 | Total = 68 Test Cases from Robot Framework Smoke Tests |
| | | Alert Rule | 01 | | | | |
| | | Reports | 13 | | | | |
| | | User | 12 | | | | |
| | | Vessel view | 07 | | | | |
| | | Vessel Apps | 03 | | | | |

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|---|----------------|---|--|-------------|---------------------------|----------------------|--|
| 2 | Functional-GUI | Alerts Cases Reports User Dashboard Assets Vessel TFOC HELP | 4 4 4 2 9 2 1 1 | SVL Team | Steve | Rel 1.1.1/ Drop1 | Total =27 Test Cases from Robot Framework Smoke Tests |
| 3 | Functional-API | Alerts | JM-21 Python- 14 | Cochin Team | Gifty /Nisha /Sajan | Rel 1.1.1 / Drop1 | Total = 35 Test cases from Python /JMeter |
| 4 | Functional-API | Cases | JM- 02 Python- 04 | SVL Team | Steve | Rel 1.1.1 / Drop1 | Total = 06 Test cases from Python /JMeter |
| 5 | Functional-API | Reports | JM- 10 Python- 10 | Cochin Team | Gifty /Nisha /Sajan | Rel 1.1.1 / Drop1 | Total = 20 Test cases from Python /JMeter |
| 6 | Functional-API | User | JM- 10 Python- 7 | Cochin Team | Gifty /Nisha /Sajan | Rel 1.1.1 / Drop1 | Total = 17 Test cases from Python /JMeter |
| 7 | Functional-API | Analytics | JM- 03 Python- 02 | SVL Team | Govi | Rel 1.1.1 / Drop1 | Total = 05 Test cases from Python /JMeter |
| 8 | Functional-API | RMD | JM- 08 Python- 8 | Cochin Team | Gifty /Nisha | Rel 1.1.1 / Drop1 | Total = 16 Test cases from Python /JMeter |
| 9 | Functional-API | Documents | JM- 02 Python- 1 | SVL Team | Steve | Rel 1.1.1 / Drop1 | Total = 03 Test cases from Python /JMeter |

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| 10 | Functional-API | CCTV | JM- 03 Python- 02 | Cochin Team | Gifty /Nisha /Sajan | Rel1.1.1 / Drop1 | Total = 05 Test cases from Python /JMeter |
| 11 | Functional-API | TFOC | JM- 01 Python- 01 | SVL Team | Steve | Rel 1.1.1/ TFOC | Total = 02 Test cases from Python /JMeter |
| 12 | Functional-API | Assets | JM- 06 Python- 10 | SVL Team | Govi, Steve | Rel 1.1.1 / Drop1 | Total = 16 Test cases from Python /JMeter |
| 13 | Functional-API | Vessel | JM- 05 Python- 4 | SVL Team | Steve | Rel 1.1.1/ Drop1 | Total = 09 Test cases from Python /JMeter |
| 14 | Functional | Rel 1.1.1 Ship Manual Rel 1.1.1 Asset Overview Rel 1.1.1 Alert Upload | 117 (Asset Overview - tag names) 4 -Alert upload | SVL Team, Cochin Team | SVL /Cochin Team | Rel 1.1.1 /TFOC | |
| 15 | Performance | Alerts, Assets, Cases, Vessel | 12 | SVL Team | Govi | Rel 1.1.1 /TFOC | Test cases from JMeter |
| 16 | Stress | Alerts, Assets, Cases, Vessel | 07 | SVL Team | Govi | Rel 1.1.1 /TFOC | Test cases from JMeter |
| 17 | DB Validation | Alerts, Assets, Cases, Vessel | 117 (Asset Overview - tag names) | SVL Team, Cochin Team | All | Rel 1.1.1 /TFOC | DB Assertions has to happen for all testing |
| 18 | Simulation Data | Assets, users | Users creation tool using GUI - Steve Jmeter assets Validation using JMeter - Govi | SVL Team | Govi & Steve | Rel 1.1.1 /TFOC | Test cases from JMeter |

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|----|---------------------------|------------------|----|----------|-------------|-----------------|--|
| 19 | CI/CD Jobs for Automation | For all Jobs (8) | 08 | SVL Team | Govi Devops | Rel 1.1.1 /TFOC | Jenkins Jobs wired with Automation test suites |
|----|---------------------------|------------------|----|----------|-------------|-----------------|--|

API Test cases: Split

- Alert(24)
- Asset Overview(1) - 117 Tags
- Analytics(4)
- Asset(7)
- CCTV(3)
- Document(3)
- RMD(10)
- Users(9)
- Vessel(8)
- Report(16)

Release 1.2 Plan for Automation:

