

# Test Plan For I37 to I39

2011-03-14

# Current Status/Risk

- ✧ No awareness of all the necessary functionalities to test before go live, issue left to be found in production
- ✧ Time too long to run full regression test, not able to finish regression every time changes checked in. Currently there are 700+ test scenarios, estimated to be 1000+, which takes 16 man-day to run manually.
- ✧ Waste time for manual test on automated test as no visibility of what's been automated
- ✧ No immediate feedback for all critical function status

# Proposed solution

- Add more QA effort on adding regression test scenarios
- Dev effort needed to automate regression scenarios
- Strictly following regression scenario to write functional level automation test, Dev collaboration needed
- Dev effort needed to add automation test for critical paths left un-automated

# Resource Plan – new change

- 1 pair of Dev and 1 QA stick this track for the next iterations
- 1 more dev needed 1 iteration later to share knowledge,
- Put 1 dev from original pair to pair with QA on automation to share automation knowledge

# Detailed Resource Plan

Iteration	Regression & Automation	Others
37	2 Devs, 1 QA	4 Devs, 1 QA
38	2 Devs, 1 QA	4 Devs, 1 QA
39	2.5 Devs, 1.5QA	1.5 Devs, 0.5 QA

# Expected Output

- 70% of functionalities reflected in regression test scenario
- 2 man-day deducted from running manual regression test
- Test report that shows automation/non-automation scenarios with clear indication
- Smoke test with critical function automated run after check-in and before getting package