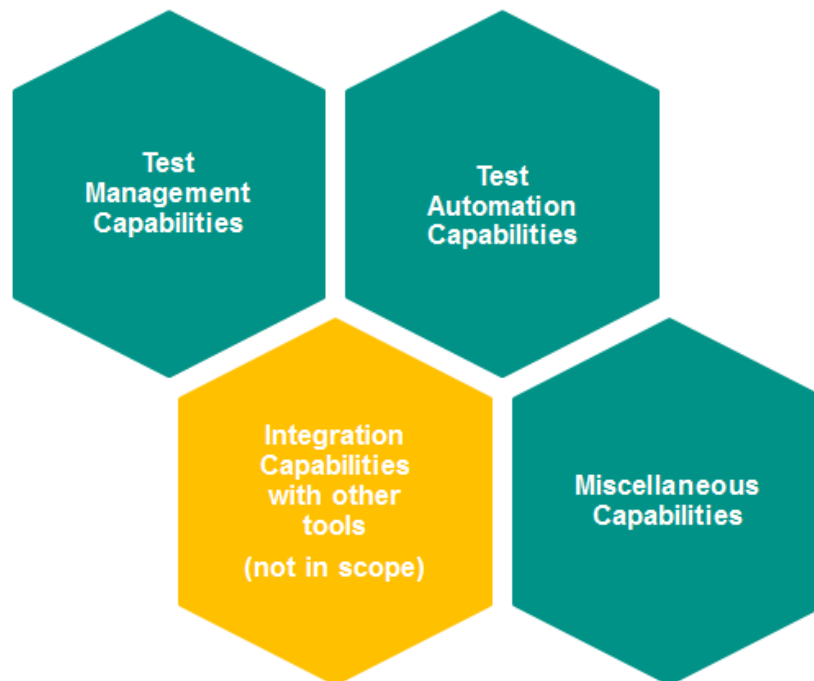


## Qmetry Hackathon Inspirations



### Detailed Use Cases - Test management Capabilities

Test Management between Qmetry and JIRA

- Requirement module, adding, managing requirements between Qmetry and JIRA
- Adding Test Goals in Qmetry from JIRA
- Adding test cases from external tools, execute manual test cases
- Maintain execution results, maintaining test evidences

Capabilities in agile/testing process

- Create Scrum model – release/projects/scrums teams, Sprints
- Create Sprint level test execution and regression execution
- Manage Sprint and the test execution status in Qmetry in post Sprint review

Traceability between requirement, Test cases and execution

- Build a traceability between requirement/test goals/test case/test result/defects

Import/export functionality in various modules

- Import test case from external sources, excel etc.
- Export execution report, update test one pager
- SYNC information to update JIRA, Test Goals, Bugs

## **Detailed use Cases - Test Automation Capabilities**

Exploring Open API for importing test results

- Execution with Data Parameterization
- Import Automation test results(J-unit/TestNG, HP UFT etc.)
- Integrate UFT/Protractor/Selenium with Qmetry(**NOT IN SCOPE**)

Integration in CI/CD pipeline

- Making use of Jenkin plugin within Qmetry for uploading test reports and traceability

BDD

- Test Using frameworks, Cucumber

## **Detailed use Cases - Integration Capabilities with Other tool**

Integration with Jenkins ,JIRA, XLR,TDM

- How to set up an integration with JIRA(with Qmetry instance)
- How to set up an integration with Jenkins(with Qmetry instance)
- How to set up an integration with XLR/TDM portal(**NOT IN SCOPE**)

Integration with Bit-Bucket, ALM, Confluence(**NOT IN SCOPE**)

- Set up an integration with Bit-Bucket
- Set up an integration with ALM(only for migration)
- Set up an integration with Confluence

Integration with an Automation Framework

- ATAF integration(result import)

Integration/Uploading from NFR testing(**NOT IN SCOPE**)

- Set up integration with Jmeter
- Check feasibility of integration with Load runner execution
- Set up integration for Security testing tools

Integration with Splunk(**NOT IN SCOPE**)

- Check feasibility of integration with Splunk to reflect Continuous Testing status

## **Detailed use Cases – Miscellaneous**

Migration of ALM to Qmetry for existing projects(**NOT IN SCOPE**)

- Try out migration of Data from ALM to QM
  - Requirements
  - Test cases
  - Execution reports
  - Defects

Exploratory testing capabilities/Automation/reporting (Get Qmetry Voyager Add-on)

- Export Exploratory testing result to pdf
- Automate exploratory test steps using HP Sprinter(**NOT IN SCOPE**)

Metrics and dashboard Capabilities

- Generate metrics
  - Traceability
  - Test coverage
  - Defects per Sprint
  - Defects per release