POSITION DESCRIPTION

Tester - automation

Position Level: Level 8
Faculty/Division: Finance and Operations
Position Number: ADMIN ONLY
Original document creation: July 2021

Position Summary

As a member of the UNSW IT Testing Services Team, the automation tester will be accountable for the planning, monitoring, and execution of the test automation activities and tasks. The Automation Tester will define the test objectives, apply organisational test policies, create Test Plan where applicable, plus plan and execute test scenarios.

The role reports to Head of Testing Services and has no direct reports.

Accountabilities

Specific accountabilities for this role include:

- Collaborate with project stakeholders on the documentation of application Test Plan based on software requirements and technical specifications.
- Contribute to the maintenance and uplift of UNSW test automation framework
- Design manual and/or automation test cases and test scripts under own direction, mapping back to pre-determined criteria, recording and reporting outcomes.
- Manage the end to end operation of software testing from data diagnosis through to formulating resolutions.
- Recommend and negotiate levels of test coverage and ensures traceability of test cases to functional requirements.
• Test the usability of component systems, and alternative designs, administering formative and summative usability tests, logging, and analysing data.
• Document faults, implements resolutions and retests to agreed standards.
• Provide assistance and support to other testers and business users, following agreed procedures for further help or escalation.
• Review and advise the impacts of change requests on testing effort.
• Contribute to the development of installation procedures and standard.
• Align with and actively demonstrate the UNSW Values in Action: Our Behaviours and the UNSW Code of Conduct.
• Cooperate with all health and safety policies and procedures of the university and take all reasonable care to ensure that your actions or omissions do not impact on the health and safety

Skills and Experience
• Tertiary qualifications in IT or related discipline together with 5+ years’ experience in software automation testing, including an industry recognised certification such as ISTQB Foundation.
• 2+ years’ Experienced with automated testing tools and methods such as Selenium, Serenity, Cucumber, and Jenkins
• Experienced in working within a CI/CD and DevSecOps framework
• Demonstrated experience in software automation testing including preparation of test cases, execution of tests and reporting of defects.
• A healthy sense of scepticism in interpreting functional requirements and creating test cases.
• Sound knowledge of software testing techniques and processes.
• Familiar with appropriate project methodologies.
• Excellent written and oral communication skills.
• Demonstrated experience in participation in the defect management process.
• A broad understanding of the IT development lifecycle. An understanding of and commitment to UNSW's aims, objectives and values in action, together with relevant policies and guidelines.
• Knowledge of health and safety responsibilities and commitment to attending relevant health and safety training

About this document
This Position Description outlines the objectives, desired outcomes, key responsibilities, accountabilities, required skills, experience and desired behaviours required to successfully perform the role.

This template is not intended to limit the scope or accountabilities of the position. Characteristics of the position may be altered in accordance with the changing requirements of the role.