Post Title:	Test Engineer
Grade:	6

Job Description

2.1. Purpose

The Test Engineer will support the performance of testing across various platforms and systems to improve the quality of the products delivered by the department. Using an iterative approach this role will incorporate agile testing techniques to demonstrate a satisfactory level of quality has been achieved. They will test functional and non-functional aspect of products and services.

2.2. Main Duties and Responsibilities

1. To support the development, implementation and maintenance of efficient and effective test plans. Includes detailed test cases based upon business requirements, functional specifications, source to target mappings, analytic or technical specifications. Assists in the design of test cases, both manual and automated, to cover new functionality being developed.

2. Supports the creation and maintenance of robust automation tests that integrate with our application and infrastructure architecture.

3. Supports the coordination of manual and automated regression testing.

4. Reports and manages defects through to successful resolution. The post-holder will be required to accurately record test findings, in line with agreed procedures and assist in issue fixing and their subsequent testing/re-testing. Provides timely status reports on testing and findings to Team Leaders.

5. Assists in improving the section's quality assurance tools and processes.

6. Works as a member of a cross-functional team who collaborate to build quality products.

7. Carries out compatibility assurance checks as part of the software change & release process.

Deputises for the Test Engineering Team Leader as required.

AND such other duties as are within the scope of the spirit of the job purpose, the title of the post and its grading.

2.3. Supervision Received

Line management is from the Test Engineering Team Leader.

2.4. Supervision Given

None.

2.5. Contacts

- IT Services staff, including Executive Team.

- Staff and students in other Schools / Support Areas of the University Group.

- External Suppliers and other education institutions.

3. Person Specification

ATTRIBUTES	ESSENTIAL	ADVANTAGEOUS
Education & Qualifications	• Educated to HND level in a relevant discipline or substantial experience in related field in lieu of the above.	• Degree or professional qualification in a relevant discipline. • CSTE. • ITIL. • CISSP.
Knowledge & Experience	• Experience of test engineering. • Experience in the design and maintenance of manual test plans. • Experienced in the identification of test conditions. • Experience of creating fault reports • Experience with either SQL Server TSQL and Oracle PL/SQL in the use of stored procedures, triggers, and functions. • Experience of Windows application testing. • Experience of web application testing. • Experience of various software testing processes & methodologies. • Experience with the software release life cycle and various release methodologies.	• Higher Education experience. • Previous experience of test automation tools. • Experience of SQL Server and/or Oracle. • Experience in one or more of the following languages (C#, .Net, Java, JavaScript).
Job-related Skills, Abilities & Competencies	• Proven analytical, planning and execution skills. • Takes responsibility and has strong sense of ownership. • Results oriented and a commitment to a high quality customer service • Knowledge of customer behaviours, needs and expectations. • Ability to work with colleagues to quickly resolve complex problems in the provision of IT services. • Good understanding of current and emerging technologies and how other enterprises are employing them to drive digital business	• Risk management. • Public cloud infrastructure.

	- support. - Software testing principles and concepts. - Software testing ecosystems. - Test planning.	
Interpersonal Skills	- Proven communication, and presentation skills. - Ability to forge effective relationships in a complex matrix management environment. - Results oriented, adaptive and decisive. - Ability to build trust and display integrity. - Ability to work collaboratively and be a key team player. - Creative and innovative thinking. - Can resolve conflicts and problems.	
Other Requirements	- A flexible approach to working hours and location, including a willingness to travel, locally, nationally or overseas, as required. - An appreciation of other cultures; the global reach of the University Group and its international agenda. - Ability to work flexibly and extended hours by agreement to meet tight, fixed deadlines or as required by service imperatives.	