



Job Description

Test Analyst

SIS Programme

Dublin City University

Fixed Term Contract 2 Years

Dublin City University www.dcu.ie is a young, ambitious and vibrant University, with a mission 'to transform lives and societies through education, research, innovation and engagement'. Known as Ireland's 'University of Enterprise and Transformation', it is committed to the development of talent, and the discovery and translation of knowledge that advances society and the economy. DCU is the Sunday Times Irish University of the Year 2021. The University is based on three academic campuses in the Glasnevin-Drumcondra region of north Dublin. It currently has more than 18,000 students enrolled across five faculties – Science and Health, DCU Business School, Computing and Engineering, Humanities and Social Sciences and DCU Institute of Education. DCU is committed to excellence across all its activities. This is demonstrated by its world-class research initiatives, its cutting-edge approach to teaching and learning, its focus on creating a transformative student experience, and its positive social and economic impact. This exceptional commitment on the part of its staff and students has led to DCU's ranking among the top 2% of universities globally. It also consistently features in the world's Top 100 Young Universities (currently in QS Top 70 Under 50, Times Higher Top 150 Under 100). DCU is placed 84th in the world, in the Times Higher Education University Impact Rankings – measuring higher education institutions' contributions towards the UN Sustainable Development Goals. Over the past decade, DCU has also been the leading Irish university in the area of technology transfer, as reflected by licensing of intellectual property.

The university is now looking to transform the way in which its staff and students interact with each other, using student information to align to our values and achieve excellence in service, ensuring our future needs can be met.

Student Information System

This transformation will be enabled by effective and efficient business processes supported by a fully integrated Student Information System (SIS) which will support our objectives to create and sustain a globally engaged university.

SIS will consolidate and modernise multiple legacy student information systems into one, integrated software solution. The new SIS includes all crucial student information: admissions, finance; registration; enrolment; course management; advising; billing and payment; records, and more. Students will be able to access all of their key information through a single point-of-entry, providing a more agile and personalised experience.

To deliver on the transformational changes the SIS programme has been mobilised by the Office of the Vice President of Academic Affairs. This is a multi-year/multi-phase programme of work that underpins key elements of the DCU Strategy.

The programme consists of Delivery Streams relating to business design and configuration, technology & integration, reporting, data, and change management.

A Project Management Office (PMO) has been established to co-ordinate and lead delivery, financial, resource and risk management working closely with the SIS Programme Delivery Streams and the solution provider(s).

The Programme now requires a Test Analyst, the purpose of which role is to design, develop and execute tests. The role will report to the SIS Programme Test Manager.

Duties and Responsibilities

- Work with the SIS Programme - DCU and non-DCU resources - to understand the impact on different business services impacted by the Programme (working closely with the other SIS Delivery Streams with respect to the requirements and desired outcomes of the different services/processes/products)
- Analyse requirements ensuring they are fit for purpose and testable, in order to design tests to explicitly test the desired project outcomes (working collaboratively with the wider SIS Programme team and external vendors)
- Work with the Test Manager/Lead to identify any testing-related risks, issues and dependencies and manage escalations appropriately to ensure resolution
- Create comprehensive and well defined test scripts that are traceable back to requirements
- Execution of functional, regression and integration test scripts
- Ensure regression testing is performed in a manner that recognizes the risks of introducing defects into the environment
- Contribute to reporting and test metrics on planning, defects and execution
- Accountable for day-to-day test execution and defect resolution using Jira
- Provide support during UAT test events working closely with the team to resolve issues.

Candidate Requirements

Essential

- 3+ years' software testing experience, preferably including testing of large multiphase projects
- Experience reviewing requirements, specifications and technical design documents to provide timely and meaningful feedback
- Experience defining test scope based on functional and technical specifications
- Ability to prioritise, plan, coordinate and report on daily test activities
- Good test design and testing skills, a passion for quality and attention to detail
- Experience in writing clear, concise, comprehensive test cases utilising a test management tool such as Zephyr, X-ray or HP ALM
- Experience participating in defect triage discussions and managing defects using Jira or a similar defect management tool

- Excellent planning and organisational skills with the ability to manage small to medium test projects, deliver to deadlines and prioritise workload
- Ability to operate in an environment with tight deadlines, finite resources and uncertainty.
- Ability to work effectively and collaboratively across a number of different teams and locations
- Excellent interpersonal skills - takes a consultative approach and is able to build relationships at all levels
- Educated to degree level, with a relevant professional qualification (or equivalent evidence of experience).

Desirable

- Experience testing on data migration projects
- Knowledge and/or experience testing ERP systems
- Knowledge and experience of the Higher Education Sector nationally and/or internationally.

Essential Training

Post holders will be required to undertake the following compliance training: GDPR and Compliance. Other training may need to be undertaken when required.