Systems testing

Queensland Government IT Graduate Program

## System testing is a vital component of the system development life cycle. Systems testers work with the software development team and other staff (internal and external to the organisation) to ensure the system being developed is meeting business needs and the documented specifications. You will help ensure planned and methodical testing takes place.

## This means you will have the opportunity to:

* understand system requirements and specifications
* plan and undertake test activities (including analysing requirements and creating and executing test scripts)
* identify problems and/or risks and report to development team
* maintain accurate documentation
* report on progress of testing with recommended actions.

## The ideal candidate will:

* possess a systematic and thorough approach to problem solving
* be able to conceptualise and think creatively
* possess high levels of interpersonal and written communication skills and be customer focused
* work collaboratively and operate as an effective team member
* have attention to detail and commit to achieving quality outcomes.

## Examples of technical skills and qualifications

**Knowledge of:**

* relational database technologies (e.g. Oracle, SQL) and web services (e.g. XML)
* testing tools/techniques and development tools (e.g. version control software)
* software development methodologies and life cycles (including quality assurance/testing)
* software testing life cycles and testing tools.

**Qualifications:**

* your degree may be in information technology, information systems or computer science.