Quality Assurance Tester

**Industry Demand of Quality Assurance Tester**

Quality Assurance Testers or Software Testers evaluate software whether or not they perform as desired. They run various tests to ensure they understand the area that is still lacking or needs improvement. They also will work together with software developers to fix the bugs and ensure the software will meet all standards requirements. Quality Assurance can work in any company, but mainly needed for big tech companies.

The Bureau of Labor Statistics (BLS) reports that those working in the field of software development, including QA testers, can expect a 24 percent employment growth increase from 2016-2026. The continued trend of new applications and software development are believed to play a major role in this projection.

**Salary (Range)**

* Entry level $75,939/year in US
* Mid level $87,004/ year in US
* Entry level Rp48.000.000/year in Indonesia
* Mid level Rp142.800.000/year in Indonesia

**Core Tasks**

* Designing test script and test scenarios to test the software
* Conducting software testing, could be manual or automated
* Ensure the software will work as standard requirement or guideline
* Working closely with software developer to fix bugs
* Create software performance report

**Working Conditions**

* Will constantly coordinating with lots of division, including software developer
* Some travel is usually required

**Skills Required**

* Microsoft, SQL, and System Administrator
* Analytical skills
* Attention to detail
* Teamwork skills
* Written and verbal communication skills

**Career progression data**

* Pathways :
  + Earn a bachelor degree in related fields, including: System Analyst, Computer Science, Information System, Software engineering
  + Getting certifications will also help to get wider job opportunities, to name some there are CompTIA A+ Certification or CASP+
* Early Career (1-4 years)
* Mid Career (5-9 years)
* Experienced (10-19 Years)

**Possible University Major**

* System Analyst
* Computer Science
* Information System
* Software engineering

**School subjects required**

* Mathematic
* Computer