JOB DESCRIPTION	
Position	Software Quality Analyst – Testing & Support
Department	Quality Assurance (QA)
Division	Information Services

A) SUMMARY OF RESPONSIBILITIES

The designated Test Automation Engineer provides deep technical expertise in the automated testing domain. The candidate is tasked with the responsibility for the co-planning, co-design, implementation, and continuous maintenance of the automation test tools, scripts and code covering both on-premises and on-cloud deployment of all application in the company. Additionally, the candidate will be required to be a mentor other team member.

The role is also responsible to ensure that the testing process/activities are performed/executed based on the established Software Development Lifecycle. The testing process includes Test Analysis and Design, Test Implementation and Execution, Test Monitoring and Control. The Software Quality Analyst is to ensure that the test coverage is sufficient to prove with a high level of confidence, as well as provide the relevant and sufficient data points/information to aid in the management's decision-making that the software/application/system meets the business requirements before it is migrated/deployed to the production environment.

B) KEY AREAS OF RESPONSIBILITIES

- Responsible for the development of automate tests for all software testing as part of the application development lifecycle.
- Establish a framework for necessary contributions from various departments and facilitate their collaboration.
- Document and monitor testing outcomes and establish steps to remedy problems
- Analyse current technologies used within the company and develop steps and processes to improve testing procedures
- Detailed understanding of how to properly document test cases and create effective and focused testing plans
- Assist other department engineers in creating practical automated test suits that are aligned with the proposed testing framework and tools.
- Provide detailed specifications for proposed solutions including time and scope involved.
- Define clear goals for all aspects of a product test and develop steps for their proper execution.
- Responsible for the continuous maintenance of existing test scripts and code.
- To participate in other working groups of small projects undertaken by the division on issues with regards to Systems Architecture & Design with a focus around test automation and test coverage
- Drive and coordinate across teams to design automated repetitive tests to streamline testing process.

- Work closely with the internal business unit: business, development team, technical support, operations teams, also and external contact: vendors, financial Institutions, merchants, biller parties to gain clear understanding on the business/user requirements.
- Design and develop the test plan document based on requirements, functional specification, design specifications, interface documents.
- Active participants in review sessions for test document and test automation scripts
- Coordinates, execute, support testing related activities.
- Tracks defects raised during testing and follow up with the relevant parties.
- Constantly review existing test approach, test strategy, test coverage to find and apply improvement opportunities in these areas, through observation from production incidents/issues, previous testing assignments. Share the best practice and lesson learnt with the rest of the team.

Functional Competencies

- Experience with programming script languages such as Python, Java, and Ruby on Rails, etc.
- Experience with Selenium test automation, Robot Framework, Rest API, Postman, SoapUI, Git, Pivotal Tracker, etc.
- Intermediate level of understanding of the main concepts and processes around bug lifecycle, testing methodology and test estimation.
- Knowledge of application functions, bug fixing, and testing protocols, SAFe, Agile/Hybrid Agile, and DevOps

C) QUALIFICATIONS & EXPERIENCE

Minimum Qualifications & Professional Certification
- Bachelor's Degree in Computer Science, Information Systems Technology, or Software Engineering
- Software development experience would be an added advantage.
- Relevant work experience in the Financial Services and/or Technology sectors would be an added advantage
- ISTQB or similar test certification

Working Experience
- Ideally, a minimum 3 years of relevant work experience, preferably in a high-pressured System Integrator environment for experienced hiring
- Fresh graduates with exceptional self-starter competencies will be considered for entry level positions too

Other Additional requirements
- Good programming skills including automation systems and databases
- Effective contributor working in an agile environment
- Extremely diligent, fine eye for details, supreme problem-solving capabilities and a team player