**Mohammad Tanvirul Islam**

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**Summary:**

* 8 years of experience in software Quality Assurance Analyst and Software Testing of Web based and client server applications.
* Have in-depth and up-to-date knowledge of testing methods, concepts and processes and practices.
* Expertise in analyzing business specifications and developing Test plans, Test Metrics, test cases and executing them.
* Experience in Functional testing, Integration testing, Regression testing, Load testing and User acceptance testing, Verification and Validations.
* Specialized in user application requirement analysis, developing Test plans, Test Strategy and Test cases to verify application functionality against business requirements.
* Experience working closely with business analysts and business units to help with UAT testing and defect management.
* Experience with Manual testing using Quality center/Application Life Cycle Management (ALM).
* Test Plan, Test Conditions, and Test Cases ensuring adequate testing of software both before and after completion; conducting and documenting UAT.
* Experience and knowledge of SDLC using Waterfall, RUP and Agile (Scrum, XP) methodology.
* Excellent knowledge in end-to-end performance testing process and methodologies.
* Highly motivated, self-starter able to work independently and collaboratively within a diverse technical team
* Execution of Manual/Functional testing, SIT, Regression testing and UAT
* Worked on Web Services, SOAP UI, WSD Land Service Oriented Architecture (SOA).
* Experience includes the testing of Client/Server and WEB based applications using automated testing tools like Quick Test Pro and Quality Center
* Proficient in Planning, Developing, Scripting, Executing, and Analyzing Tests.
* Testing skills include White Box Testing Black Box Testing, Security Testing, regression, integration, volume and stress testing.
* Knowledge in UNIX Commands.
* Experience in Performance tuning of SQL queries.
* Have effective working relationships with business/client team to understand requirements, develop tactical and strategic plans to implement technology solutions to meet customer/business expectations.
* Formulated Test Plans based on the user Requirement Documents, design requirement document and System Requirement documents for the Functional, Regression and User Acceptance Testing.
* Performed various types of testing including Functional, System, Integration, Regression using software testing tools such as QTP and Quality Center.

**Technical Skills:**

* **Testing Tools** : Rational, QTP 9.0/10.0/11.0, HP ALM
* **Bug Reporting Tools** :Quality Center/ALM, Rational Clear Quest 7.0/7.1, Rally, JIRA
* **Databases** : Oracle 11g/10g/8i, MS SQL Server2000/2005, My SQL
* **Operating System** : Windows 2000/ XP/Vista, MS-DOS, UNIX, LINUX
* **Languages** : SQL, VBScript, XML, UNIX Shell Scripting, JavaScript ruby
* **Methodologies** : Agile/Scrum, Rational Unified Process (RUP), Waterfall
* **Others** : MS Office, SQL Server Management Studio , .net technologies

**Professional Experience:**

**Citibank, Rochester, NY Jan 2017– Aug 2018**

**Sr. UAT Tester**

I worked as Application Test Analyst at Citibank for testing application developed for various mortgage products offered by Citibank. The project was to modify the existing application which provided Citibank customers and employees to accept the mortgage applications, apply for loan, process the loans etc. The customers can also logon to their accounts via Internet to check the balance, make the payment or refinance the loan. Worked on the Online banking application which allows the customers of the bank to check account make transfers, view recent transactions and authenticates the credit card transaction details at point of transaction.

I was also responsible for conducting User Acceptance Testing on the updated platform using various automated and manual tests.

**Responsibilities:**

* Review Business Requirement documents (BRD), Software Requirement specification (SRS) and Prepared Test Plan
* Performed SQL Server’s data validation and database queries
* Used Back-end database SQL Queries to perform data testing
* Documented Manual Test cases, Test procedures and Test results.
* Extensive Web Testing & Black box Testing.
* Performed Functional, GUI testing, Data warehouse testing & web based application.
* Followed QA processes and practices, including defect and test management.
* Attended daily and weekly meetings for the projects.
* Tracked and reported defect using Quality Center ALM.
* Involved in reviewing and analyzing Business Requirement Documents and Functional specs and use cases.
* Experience with testing Web based applications on laptops, tablets and mobile devices.
* Manually test each and every module of the application and verify against expected results.
* Developed test cases and test scripts (with reusable actions) for Manual Testing.
* Created test conditions and related test cases, and executed test scripts using HP Quality Center.
* Testing the server application on multiple operating systems and on varied browsers.
* Responsible for creating UAT, SIT & Regression Test cases in the test plan module of HP ALM/Quality Center
* Managed the requirements in Quality Center and also in ALM
* Developed Traceability matrix between the requirement document and respective test cases to ensure all requirements were covered.
* Reviewed BRD, understood the requirements and translated them into test cases, scenarios, procedures and carried activities such as collecting test data, writing test cases and testing.
* Involved in preparing Test plan and Test cases for Employer and Member portal.
* Performed various type of testing like White box, Black box, System, Functional, Integration, Regression, End to End and UAT.
* Worked closely with business during UAT testing to create defects found during UAT testing.
* Clearly communicated defects with developers and updated comments in HP Quality center (ALM).
* Generated the detailed reports of the Bugs, Pass-Fail report and Assigned defects using ClearQuest.
* Conducted the Smoke Testing to check the High Level functionality of an application.
* Created Automation test framework using QTP
* Clearly communicated defects with developers and updated comments in HP Quality center (ALM).
* Automated the test scripts for the GUI, Functional, Data Driven and Regression testing using QTP
* Added various Check Points using the QTP
* Attended UAT defect triage meetings to get update on when UAT defects will be fixed.
* Created parameters that inserted different data into each iteration of a test run using Parameterize test in QTP
* Created positive and negative testing scenarios and tested them manually as well as using automated scripts.
* Participated in weekly meeting and walk through to discuss Defects Priorities
* Defects tracked and reported using Quality Center Reporting tool.
* Performed system, Integration and Regression Testing.

**Environment:** Agile, Quality Center, XML, Oracle, TOAD, UAT, Windows XP/Vista, Java, Quick Test Professional , Quality Center, MS SQL Server, Web Services SOAP UI, Agile Methodology, XML and HTML, .net.

**PNC Bank, Pittsburgh, PA Jan 2015 – Dec 2016**

**UAT Tester**

The project involved Mortgage Application, worked with loan processing system (LPS) to accommodate underwriting updates to the system. Typical application workflow included: Application origination, Duplication check, Watch list check, Credit scoring, Application form printing, internal credit check, loan repayment history etc. I was involved in testing of Loan Application, Processing, Underwriting and Closing module.

**Responsibilities:**

* Participated in requirement walkthroughs and creation of test plan.
* Involved in developing Test Plans, Test Cases to test the Screens and workflows for Quality Assurance.
* Wrote Test Cases from the Test Plan and manually tested the application.
* Participated with users in understanding the business requirements.
* Involved in testing both outbound and inbound call in Cisco finesse.
* Executed test cases in Quality Center.
* Involved in various projects related to Data Modeling, System/Data Analysis, Design and Development for both OLTP and Data warehousing environments.
* Performed the Back-end testing, in mainframe environment, by writing and executing SQL-Queries.
* Ensure that all anti-money laundering compliance procedures are followed.
* Making sure that the call is recorded and monitored in AQM.
* Manually performed Functional Testing of the application from the test cases.
* Manually performed Backend Testing using SQL Queries to test Oracle Database.
* Retrieved records from multiple tables from Oracle Database through SQL by using joins such as Inner Joins, Outer Joins using Oracle.
* Tested web, mobile applications and APIs in Agile process
* Tracked, reviewed, analyzed defects in the application using JIRA a defect tracking tool throughout the bug life cycle.
* Manually conducted Positive Testing / Negative Testing.
* Performed Regression Testing after bug fixes or system enhancement.
* Performed Integration testing and Configuration testing.
* Effectively used Plan View for Project document repository, updated risks and issues related to UAT, updated documents related to Testing / UAT, Test files, Test data in the shared folders.
* Took part in internal Agile transformation and in presenting the company's Agile transformation to customers.
* Modifications were tested using standard product database against approved Technical Specification prior to customer distribution.
* Testing within AML industry and managing UAT testing between multiple organizations.
* Verified the application’s functionality on different Configurations.
* Performed User Acceptance Testing (UAT) manually.
* Worked on back end testing in mainframe as well as SQL, DB2.
* Analyzed and plan data using reports and graphs generated in QC.
* Documented defects in Enterprise Quality Center and helped developers identify the modules and code sections to be fixed.
* Used JIRA as well for story writing and defect tracking.
* Attended the Weekly meeting.

**Environment:** Quality Center, UAT, Windows, Agile, SQL, JIRA, Mainframe, MS-Visio, UAT, MS-Project

**Countrywide Financial, Austin, TX Mar 2013– Dec 2014**

**QA Tester**

Countrywide Financial is a diversified financial company engaged primarily in residential mortgage banking and related businesses. The application consisted of two main modules. The first module was the one where Countrywide’s representative submits customer’s application in a fronted top view and Lender can view the information of the customer. The desktop Underwriter was the loan-underwriting engine where Lender makes decision whether to approve a loan or not. When Lender submits their loan data into the system, the system is run through regression and statistical analysis. Decisions are based on the result of the analysis. I performed testing on each of the modules. I also worked in a reporting project addressing the technology needed within the area of Financial Management affairs with updates on financial tools.

**Responsibilities:**

* Reviewed Business & User Requirements, Functional Design and Technical Design documents
* Adhered to Agile Scrum development methodology
* Effectively communicated with Team and Scrum Master on meeting daily Stand ups
* Involved in Functional Testing, System Testing, Regression Testing, Backend Testing and User Acceptance Testing.
* Manually implemented several test scripts and documented the results
* Reported defects using Quality Center and interacted with developers to resolve any defects/issues through Microsoft Outlook.
* Act as UAT Test Analyst and design/document UAT test plan and strategy documentation
* Developed automated scripts using QTP to perform functional and regression testing
* Executed UNIX scripts for validation of data present on the files, based on the business
* Interface with developers to resolve technical issues and investigate software faults.
* Involved in SQL querying to extract data from backend.
* Used Back-end database SQL Queries to perform data testing
* Writing of some necessary requirements for application in Quality Center (QC).
* Responsible for managing the QA resources (assigning tasks, managing metrics etc.)
* Involved in User Acceptance Testing with Customer.
* Evaluate and implement QA process improvements for ongoing testing

**Environment:** Oracle, UAT, QC, Microsoft XP, HTML, TOAD, UNIX, SQL Server.

**US Bank, St. Louis, MO Sept 2010– Feb 2013**

**QA Analyst**

This project was about an online credit card application testing. An individual could apply for the credit card online through the website by entering the required details. Upon satisfaction of the conditions an instant credit card number, credit limit, expiration date, rewards, and welcome kit will be released to member through the Internet and sent to the Email-ID. The credit card will be sent to the member by mail. The mobile banking application helps the customers to access their accounts whenever and wherever they want. Through the mobile app, customer can view account balances, transactions, pending payments, and pay bills to payees within US.

**Responsibilities:**

* Reviewed Business and Functional requirements to create and execute manual test cases for system testing.
* Coordinated and performed UAT testing for multiple projects.
* Created Quality Assurance timelines, milestone documents, assignment sheets and status reports.
* Conducted test strategy walkthroughs with analysts and developers.
* Closely interacted with development and project teams to understand system requirements.
* Designed manual test cases for system testing and documented in Quality Center.
* Wrote Manual Test Cases using Quality Center to develop UAT test cases.
* Created and Optimized QTP scripts for GUI Regression and UAT testing of the application.
* Performed data verifications using SQL queries.
* Test the data retrieval from the Oracle database using PL-SQL queries
* Prioritized Manual Test Cases based on business requirements and organized them accordingly.
* Worked with release management to create and implement change requests and develop project release timelines.
* Conducted weekly/monthly meetings with Project Managers, Testers and Developers to discuss project status and issue reports.
* Interacted closely with various business and technology groups to define and analyze requirements.
* Assisted development team with unit testing on various initiatives.
* Responsible for managing defects on a release basis to ensure that all issues were resolved before implementation.

**Environment**: Quality Test Pro, Quality Center, SQL queries, UAT, MS Office, Rational Req Pro.