**Veena Nath Revamma**

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**Summary:**

* Over 7 years of IT experienceas **QA Tester** in **Manual, Automation Testing and POS testing** of business applications.
* **Certified Selenium Tester** with expertise in functional testing using **Selenium IDE, Web Driver**, **Selenium Grid**
* Involved in design and development **automation frameworks** using **Selenium**
* Excellent expertise in programming Selenium automation using **JAVA** technology
* Experienced in **functional testing** using **Selenium IDE, Web Driver and Selenium Grid**
* **Expert knowledge in eclipse IDE and browser developer tools like Firebug and Chrome Dev Tools**
* Professional with extensive experience in testing **Retail** Domain
* Extensive experience in writing **test plans, test cases, test scenarios, status reports, metrics, and defining standards for all QA documentation and QA processes**
* Extensive experience in creating **database queries** for data validation
* Strong skills in performing **System, User Acceptance, Functionality, Front End and GUI Testing**
* Performed **UAT, Regression, System testing and Sanity testing**.
* Extensive experience in use of software Test Management Tools like **HPALM**
* Implemented **Quality Center (HPALM)** for test planning, test case development, test case execution, Test Set execution and test results analysis
* Well versed with complete process in **executing the Test Scripts and Bug Reports**
* Able to analyze complex **business rules and specifications, strong analytical and troubleshooting skills**
* Excellent interpersonal skills working closely with development, product management, **business representatives, customers and technical support teams** to ensure that the quality objectives of all projects are met
* Worked closely with third party development team, product management, business representatives, users and technical support to ensure that the quality objectives for iterative development cycles are met.  **Communicated QA results and project status to the core team members**
* Organized, able to manage multiple tasks and meet deadlines, efficient in working independently or in a team, self-motivated, **eager to learn new concepts and products quickly**
* Excellent understanding of the **Software Development Life Cycle and role of QA in Manual Testing**
* Excellent interpersonal and customer relational Skills. Proven communication and presentation Skills

**Technical Skills:**

|  |  |
| --- | --- |
| **Testing Tools** | HP Quality Center 12.0, JIRA |
| **Databases** | SQL |
| **Bug Reporting Tools** | HPALM (HPQC) 12.0, SharePoint, JIRA |
| **Operating Systems** | UNIX, Windows, OS 4690, TV ++, IBM 4690 Controller & Terminal applications, DOS |
| **Certification** | Certified Selenium Tester (Automation Tester) |

**Wal-Mart/Sam’s Club, Bentonville, AR**

**SQA Store Systems**

SQA- Store system project deals with the POS Applications used by the largest retailer in world for managing its stores business across globe. The POS system is equipped to meet business goals as well as customer expectations for different international systems of the client. Client is improving services to the customer by introducing new enhancements and fixes. The main objective with the client is to provide independent quality planning and testing services to ensure suitability of use of requirements and design criteria throughout the ISDLC software testing process. Client has set up an offshore Lab for the exclusive testing of its POS applications.

**Duration:** Apr 2014 – Mar 2017

**Location:** Walmart, Bentonville, AR

**Project:** 32 Bit Testing (Point of Sales)

**Project Description:**

ISD Point of Sales team uses a 16 bit compiler to support 16 bit controller applications.  This compiler frequently causes issues in the package build process.  Also, the 16 bit compiler prevents the Point of Sale team from converting to the current desktop solution.  Windows 2000 desktops are no longer supported by the Corporate Office. This project aims in migrating the identified 16-Bit (C-Basic & High C) POS Controller Applications to 32-Bit. The project involves testing of the 4690 controller applications that are changed from a 16 bit executable to a 32 bit executable.

**Roles & Responsibilities:**

As a POS Specialist, I have involved in,

* Walkthroughs with the business analyst, team lead and developers to understand the application and requirement specification.
* **Create the test data and mock up the existing data to simulate the test conditions**.
* Execute the test automation scripts for functionality tests.
* **Executing batch regression tests on multiple** machines using the developed frameworks.
* Troubleshoot the issues encountered during the test execution.
* Testing the functionality of the web application.
* Regression testing of functionalities.
* Review of Test Results.
* Various transactions are done for this project in front end register Test cases executed in HPALM and updated in HPALM/JIRA. Test types like Debit, Credit, Shopping card, Gift Card were executed in front registers, NCR systems, Self Check out, SIGUI registers and 50 key registers. This cards are swiped either in magnetic stripes or debit reader like Ingenico/verifone Items are scanned either with hand held scanner device or Scale bed.
* Conducted **ambiguity** review meeting with the business analyst and team lead to clear any ambiguities regarding requirements.
* Created **test plans** and **test cases** in **HP Quality Center** as per the requirement document covering all the functionalities.
* Manually executed the test cases and logged the defect in HP Quality Center.
* Performed data driven test manually for functionalities with multiple set of data.
* Involved in **defect review meetings** with the developer to discuss the severity and priority of the bug detected.
* Functionality of **Modules** identified to be converted to 32 bit for 1301, 1305, 1307 release as per details in Unit test plan.
* **Cover the requirements** for each modules based on the unit test plan shared from development team.
* **Reports** generation in the format as mentioned in Unit test plan.
* Execution of log message analysis.
* Manually **regressed test cases** conducted creating test sets in HP Quality Center after the bug fixes were done by the developer.
* Prepared a detail test schedule and Test Metrics on a weekly basis for the project members to know the status of the QA Process.
* Interacted with Developers and Business Analysts to understand the **severity** of the defects and assigned **priorities** accordingly.
* Set schedule estimates, timelines, milestones for the task identified.
* Testing and certification support for the changes in POS, payment system for the introduction of a third party acquirer system. **Multiple tender types(credit, debit, e WIC) were tested**
* Worked on Multiple projects in a Release*.*

**Environment:** Unix, DOS Commands, Quality Center 10.0, Putty, SMART systems, POS Host, POS Controllers

**Duration:** Jan 2013 –Mar 2014

**Location:** Walmart, Bentonville, AR

**Project:** Store Number Expansion (Point of Sales)

**Project Description:**

This project involves providing support and leading the QA team for the Store number expansion project where controller applications and the terminal application are remediated to hold a lengthy store number. Team involved 40 people at onsite and offshore together.

**Roles& Responsibilities:**  
As a POS Specialist, I have involved in,

* Supporting the team at offshore and onsite with the POS business and technical functionalities to help the testing.
* Supporting the automation regression test team on developing automation scripts for payment systems. **Build and maintain Testing automation framework for the functionalities under test using Selenium Web driver**
* **Record functional test cases using Selenium IDE, extract the test cases in Java WebDriver format and refactor it to Testing test cases with data provider using excel data source.**
* **Execute batch runs on multiple machines using Selenium Grid**
* **Execution of test cases in different browsers (Firefox, Chrome, Safari and IE) using Selenium Grid**
* Analyzing periodic status of the project Planning and prioritizing the tasks and preparing the status report both daily status and weekly status report of project.
* Analysis and verification of various controller applications/data including T Log
* Requirement analysis, test planning and test execution for multiple POS enhancement projects
* Review of offshore deliverables to client
* Various transactions are done for this project in front end registers. Test cases executed in HPALM and updated in HPALM/JIRA. Test types like Debit, Credit, Shopping card, Gift Card were executed in front registers, NCR systems, Self-Checkout, SIGUI registers and 50 key registers. This cards are swiped either in magnetic stripes or debit reader like Ingenico/verifone Items are scanned either with hand held scanner device or Scale bed.

Software/tools used: OS 4690, TV ++

**Duration:** Apr 2012 –Jan 2013

**Location:** Walmart, Bentonville, AR

**Project:** EMV

**EMV** is a [technical standard](https://en.wikipedia.org/wiki/Technical_standard) for [smart](https://en.wikipedia.org/wiki/Smart_card) [payment cards](https://en.wikipedia.org/wiki/Payment_card) and for [payment terminals](https://en.wikipedia.org/wiki/Payment_terminal). EMV (Europay, MasterCard and Visa) cards are [smart cards](https://en.wikipedia.org/wiki/Smart_card) (also called chip cards or IC cards) which store their data on [integrated circuits](https://en.wikipedia.org/wiki/Integrated_circuit) rather than [magnetic stripes](https://en.wikipedia.org/wiki/Magnetic_stripe_card), although many EMV cards also have stripes for [backward compatibility](https://en.wikipedia.org/wiki/Backward_compatibility). Here transaction with EMV cards done through inserting the chip cards. EMV transaction are mainly done setting EPAYT as authorizer and setting flags in toolbox. Transactions was mainly done with Basic discover card. Types of transaction that we done in EMV testing are floor limit approval, offline transactions, decline transactions, Exceed limit, signature capturing, less amount transactions, refund to credit visa, fall back scenario, declining of international cards.

**Roles and Responsibilities**

* High priority test cases are involved in UAT testing. Developers, BA, Clients and other team members are involved in UAT testing. Participated in UAT with users to help them in using system and clarifying their queries.
* **Create the test data and mock up the existing data to simulate the test conditions**.
* Execute the test automation scripts for functionality tests.
* **Executing batch regression tests on multiple** machines using the developed frameworks.
* Troubleshoot the issues encountered during the test execution.
* Testing the functionality of the web application.
* Regression testing of functionalities.
* Review of Test Results
* Reviewing the requirements and analyzing the requirements to ensure smooth and quality delivery and provide inputs for estimating the time required for QA completion and preparing QA schedules.
* EMV transaction are mainly done setting EPAYT as authorizer and setting flags in toolbox. Transactions was mainly done with Basic discover card. Types of transaction that we done in EMV testing are floor limit approval, offline transactions, decline transactions by inserting the card, Exceed limit, inserting card with signature, less amount, refund to credit visa, fall back scenario, declining of international cards.
* Preparing Test Strategy and test plan documents, Identifying Test Scenarios, Design and Execute Test Cases, Maintaining Requirement Traceability, Testing and deployment of application enhancements, as well as project planning.
* Developing QA strategies and Solutions adhering to the quality standards and practices investing maximum effort for adhering to the correctness and verification of Requirements. Coordinating with business clients, onsite team & offshore team, thereby supporting the application and implementing QA process as per specifications provided.
* Reviewing the requirements and analyzing the requirements to ensure smooth and quality delivery and provide inputs for estimating the time required for QA completion and preparing QA schedules.
* Various transactions are done for this project in front end register Test cases executed in HPALM and updated in HPALM/JIRA. Test types like Debit, Credit, Shopping card, Gift Card were executed in front registers, NCR systems, Self Check out, SIGUI registers and 50 key registers. This cards are swiped either in magnetic stripes or debit reader like Ingenico/verifone Items are scanned either with hand held scanner device or Scale bed.
* Preparing Test Strategy and test plan documents, Identifying Test Scenarios, Design and Execute Test Cases, Maintaining Requirement Traceability, Testing and deployment of application enhancements, as well as project planning.
* Developing QA strategies and Solutions adhering to the quality standards and practices investing maximum effort for adhering to the correctness and verification of Requirements. Coordinating with business clients, onsite team & offshore team, thereby supporting the application and implementing QA process as per specifications provided.
* Conduct system study and coordinating with different strategic service team members for requirements verification, traceability mapping, defining test strategy and plan, coordinating the team, test case design, test execution, defining and tracking metrics & reporting. Perform testing for different testing types like functional, system, regression, exploratory, security and user acceptance testing.

**Duration:** Feb 2011 – Apr 2012

**Location:** Walmart, Bentonville, AR

**Project:** POS 1105 Regression Testing

**QA Tester**

1105 Regression testing was based on all type of transactions connected with third party authorizers such as Visa, Master Cards, GE, etc. Each transaction type utilizes a specific connection in order to receive authorizations through EPAYT, TSTH and Ealwcb1L.

**Roles & Responsibilities:**

As a POS tester, I have involved in,

* Participating in Test Executions and sending  test results summary to development team and QA team
* Defect Tracking and defect assignment to development using HPQC
* Defect monitoring and coordinating with retesting
* Prepare test data and coordinating with Clients in getting test data and environment setup
* Various transactions are done for this project in front end register Test cases executed in HPALM and updated in HPALM/JIRA. Test types like Debit, Credit, Shopping card, Gift Card were executed in front registers, NCR systems, Self Check out, SIGUI registers and 50 key registers. This cards are swiped either in magnetic stripes or debit reader like Ingenico/verifone Items are scanned either with hand held scanner device or Scale bed.
* Participated in Smoke testing, project testing
* Performed Regression testing on 1105 release
* Used Quality Center as a Bug Reporting Tool
* Provided test team status reports on weekly basis to the project manager
* Participated in preparing test matrices for test execution and test status to QA manager for Project testing for POS side
* Conducted adhoc testing as part of 1105 release

**Duration:** July 2010 – Jan 2011

**Location:** Walmart, Bentonville, AR

**Project:** Japan & Central American Shopping Cards

**QA Tester**

Before implementing Japan’s shopping card project in JP WALMART, is not integrated with their POS nor does it allow customers to make bulk purchases and bulk reloads at the POS.  Because the Program is not integrated with POS, JP Operations must manually track card inventory.  Additionally, card activation used to take more than 24 hours before the card can be used as payment. Goal of this project is to Provide Japan with a shopping card program that is integrated with POS and allows bulk activation and bulk reloads at POS, Provide fast and stable communications for card activation and redemption. Automate reconciliation of card transaction provide better security control over the entire process

**Roles & Responsibilities:**

As a manual tester, I was involved in,

* Participated in UAT with users to help them in using system and clarifying their queries.
* Involved in creating test strategy and test plan for Japan Shopping Cards Project implemented for JP Wal-Mart and Sam’s
* Involved in uploading requirements to the Quality Center
* Involved in mapping requirements to test cases to make sure all user requirements are satisfied
* Supporting the automation regression test team on developing automation scripts for payment systems. **Build and maintain Testing automation framework for the functionalities under test using Selenium Web driver**
* **Record functional test cases using Selenium IDE, extract the test cases in Java WebDriver format and refactor it to Testing test cases with data provider using excel data source.**
* **Execute batch runs on multiple machines using Selenium Grid**
* **Execution of test cases in different browsers (Firefox, Chrome, Safari and IE) using Selenium Grid**
* Extensively used Telnet to change the simulator to POSHOST, EPAY and TSH4102,to import the items, to verify the logs, TLOG entries
* Communicated with item team to set up the shopping card items and their restrictions in POS item file
* Involved with technical designer to get the shopping card test kit for both in-state JP shopping cards and Cross-tax entity shopping cards
* Participated on shopping card report verification
* Reporting defects, monitoring defects and retesting defects for each build
* Participated in End-to-End testing with EPAYT

**Duration:** April 2009 –June 2010

**Location:** Soft Tech, Cochin, India

**Project:** Automated Inventory Adjustments

The project is to track the items lost due in a store due to shrinkage, decay, theft, damage etc using an automated system. The system was built on a new database and was linked to the system inventory. These corrections have to be approved by the store manager and will be updated in the inventory.

**Roles & Responsibilities:**

As a manual tester, I was involved in,

* Involved in preparing Test Plan and Test Cases based on the function specifications.
* Involved in the review of Requirements with business analysts and technical specialists.
* Prepared test scenarios, test cases and performed Unit, Integration and system testing.
* Preparing and reviewing Unit Test Plans and Test Cases.
* Conducting Code Reviews and Unit Test Result review.
* Backend testing using SQL queries and PL/SQL procedures.
* Used Quality Center as a Bug Reporting Tool.
* Provided test team status reports on weekly basis to the project manager.
* Developed Test Plan to test the screens and workflows for Quality Assurance.
* Recording and Tracking all the Test Defects to closure.

**Internationalization**

This project involves the modification of the legacy programs to enable online business in Canada. The old system was designed in such a way just to support US business. The most important task here was to ensure all legal laws and tax calculations are correct.

All the changed modules were unit tested and later integrated and integration scripts were executed. Final round of system testing was done before handing the application to users for user acceptance testing.

**Roles & Responsibilities:**

As a manual tester, I was involved in,

* Wrote Test Cases and uploaded to Quality Center.
* Involved in test planning like identification and definition of test conditions, test scenarios and test cases.
* Documented the identified bugs and tracked them to closure.
* Developed test cases and executed them manually.
* Performed functional testing on the application.
* Conducted Positive, Negative Testing In the application.
* Documented test results and procedures.
* Performed Database testing.
* Identified bugs and communicated through Quality Center.
* Participated in user training and submitted status reports weekly.