

# Manual Qa Software Tester

**Jaylani Chernis**

Manual QA Tester

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## EDUCATION

Associate of Applied Science in  
Quality Assurance Technology at  
SUNY Erie Community College,  
Buffalo, NY

Aug 2017 - May 2022

Relevant Coursework: Quality Control Principles, Statistical Process Control, Lean Manufacturing, Six Sigma, Root Cause Analysis, Continuous Improvement Techniques, Inspection and Testing Methods, Quality Management Systems, ISO Standards, and Auditing Practices.

## LINKS

[linkedin.com/in/jaytanichernis](https://www.linkedin.com/in/jaytanichernis)

## SKILLS

Selenium

JIRA

TestRail

Postman

SQL

## Python

Jenkins

## LANGUAGES

English

Spanish

## HOBBIES

## PROFILE

Diligent Manual QA Tester with 1 year of experience in ensuring software quality through meticulous testing and defect identification. Proficient in test case design, execution, and documentation, as well as collaborating with cross-functional teams to enhance product functionality and user experience. Strong analytical and problem-solving skills, with a keen eye for detail and a commitment to delivering reliable and efficient software solutions.

### EMPLOYMENT HISTORY

- Manual QA Tester at Techolution, NY

Apr 2023 - Present

- Conducted extensive manual testing for a major client's web application, resulting in the identification and resolution of over 150 critical bugs, ensuring a seamless user experience upon launch.
- Collaborated closely with a team of developers and product managers to implement comprehensive test plans for three major projects, contributing to their on-time delivery and high customer satisfaction ratings.
- Streamlined the QA process by creating detailed test documentation, reducing the time spent on manual testing by 25% and increasing overall team efficiency.
- Trained and mentored four new QA team members, helping them quickly adapt to company processes and consistently meet performance expectations.

- Junior Manual QA Tester at Lorven Technologies, NY

Jul 2022 - Feb 2023

- Successfully identified and reported over 250 critical software bugs and issues within the first six months of employment, leading to a 30% improvement in overall product quality and stability.
- Streamlined the testing process by creating and implementing a comprehensive test plan and test case library, resulting in a 20% reduction in testing time and a 15% increase in defect detection rate.
- Collaborated with cross-functional teams to resolve over 100 high-priority defects within tight deadlines, contributing to timely product releases and a 10% increase in customer satisfaction ratings.

## CERTIFICATES

ISTQB Certified Tester

Nov 2021

**ASQ Certified Quality Engineer**

Jun 2020

## MEMBERSHIPS

International Software Testing Qualifications Board (ISTQB)

Association for Software Testing (AST)

Manual QA Software Tester plays a crucial role in the software development life cycle, ensuring that the final product meets the required quality standards before it reaches the end-users. This profession is not just about finding bugs but involves a comprehensive understanding of the software, its intended use, and the expectations of the users. In a world where software applications are becoming increasingly complex, the importance of manual testing cannot be overstated. This article delves into the responsibilities, skills, tools, and the overall significance of a Manual QA Software Tester in today's tech-driven environment.

# Understanding the Role of a Manual QA Software Tester

Manual QA testers are responsible for evaluating software applications to ensure they function correctly and meet specified requirements. Their work is critical in delivering a product that is not only functional but also user-friendly.

## Key Responsibilities

A Manual QA Software Tester typically engages in the following activities:

1. **Requirement Analysis:** Understanding and analyzing business requirements and functional specifications.
2. **Test Planning:** Designing test plans based on the requirements, including defining the scope and approach of testing.
3. **Test Case Development:** Creating detailed test cases and test scripts that outline the testing processes.
4. **Manual Testing:** Executing test cases manually to find defects in the software.
5. **Defect Reporting:** Documenting and reporting defects to the development team with detailed information for troubleshooting.
6. **Regression Testing:** Ensuring that new code changes do not adversely affect existing functionality.
7. **Collaboration:** Working closely with developers, product managers, and other stakeholders to ensure quality assurance throughout the development process.
8. **User Acceptance Testing (UAT):** Assisting end-users in testing the software to ensure it meets their needs and expectations.

## Types of Manual Testing

Manual testing can be categorized into several types, each serving a unique purpose:

- **Functional Testing:** Validates the software against functional requirements.
- **Smoke Testing:** A preliminary test to check the basic functionality of the application.
- **Sanity Testing:** Ensures that a particular function or bug has been fixed after changes in the code.
- **Integration Testing:** Verifies that different modules or services of the application work together as intended.
- **Usability Testing:** Assesses the user interface and user experience to ensure the application is intuitive and easy to use.
- **Exploratory Testing:** Involves exploring the application without predefined test cases to discover defects.

## Skills Required for a Manual QA Software Tester

To excel as a Manual QA Software Tester, one must possess a combination of technical and soft skills:

## Technical Skills

- Understanding of Software Development Life Cycle (SDLC): Familiarity with various stages of software development helps testers understand where to identify potential issues.
- Testing Techniques: Knowledge of different testing methodologies such as black-box testing, white-box testing, and gray-box testing.
- Defect Tracking Tools: Proficiency in tools like JIRA, Bugzilla, or Mantis for reporting and tracking defects.
- Test Management Tools: Familiarity with tools like TestRail or Zephyr for managing test cases and test runs.
- Basic Programming Knowledge: While not mandatory, understanding programming concepts can help testers communicate effectively with developers and understand code behavior.

## Soft Skills

- Attention to Detail: A keen eye for detail is essential to catch defects that others might overlook.
- Analytical Thinking: Ability to analyze requirements and foresee potential issues in the application.
- Communication Skills: Strong written and verbal communication skills are vital for reporting defects and collaborating with team members.
- Problem-Solving Skills: The ability to troubleshoot and diagnose issues effectively is critical in a testing role.
- Time Management: Managing multiple testing tasks and deadlines efficiently.

## Tools and Technologies

Manual QA Software Testers utilize a variety of tools to streamline their processes. Below are some commonly used tools in the industry:

- Test Management Tools:
  - TestRail: A web-based tool that helps testers manage test cases and track testing progress.
  - Zephyr: Offers test management solutions that integrate with various project management tools.
- Defect Tracking Tools:
  - JIRA: A popular tool for issue tracking and project management, widely used in Agile environments.
  - Bugzilla: An open-source defect tracking system.
- Automation Tools (for future transition):
  - Selenium: While primarily an automation tool, knowledge of Selenium can be beneficial for testers looking to transition into automated testing.
  - Postman: Useful for testing APIs manually.

## Career Path and Opportunities

The demand for Manual QA Software Testers is significant across various

industries, including finance, healthcare, e-commerce, and technology. A career in manual testing can lead to various future opportunities:

## Career Progression

1. Senior QA Tester: With experience, testers can move into senior roles, taking on more complex projects and mentoring junior testers.
2. QA Lead: Responsible for overseeing the testing team, coordinating testing efforts, and ensuring quality standards are met.
3. Test Manager: Involves strategic planning of testing processes and managing resources.
4. Automation Tester: Many testers transition into automation testing roles, where they can leverage their knowledge of manual testing to create automated test scripts.
5. Quality Assurance Architect: This role focuses on designing quality assurance processes and frameworks at an organizational level.

## Industry Demand and Salary

The demand for Manual QA Software Testers remains robust, particularly as businesses increasingly prioritize software quality. Salaries vary based on experience, location, and company size but generally range from \$50,000 to \$100,000 annually, with senior positions commanding higher compensation.

## The Importance of Manual Testing in Agile and DevOps

With the rise of Agile and DevOps methodologies, the role of Manual QA Software Testers has evolved. Manual testing complements automated testing by providing a human perspective on user experience and usability that automated tests cannot replicate.

- Agile Environment: Manual testers work closely with development teams in short iterations, providing immediate feedback and facilitating rapid development cycles.
- DevOps Integration: In a DevOps setting, manual testing ensures that quality assurance is integrated throughout the development process, allowing for continuous delivery and deployment.

## Conclusion

In conclusion, the role of a Manual QA Software Tester is indispensable in the software development industry. As the complexity of software applications grows, so does the need for thorough manual testing. Testers ensure that products not only meet functional requirements but also provide a seamless user experience. With the right skills, tools, and understanding of the testing process, Manual QA Software Testers can significantly contribute to the quality and success of software products, paving the way for a fulfilling career in this vital field.

## **Frequently Asked Questions**

### **What is the role of a manual QA software tester?**

A manual QA software tester is responsible for evaluating software applications for defects and ensuring they meet specified requirements. They execute test cases, report bugs, and collaborate with developers to improve software quality.

### **What skills are essential for a manual QA software tester?**

Essential skills for a manual QA software tester include attention to detail, analytical thinking, strong communication skills, familiarity with testing methodologies, and proficiency in bug tracking tools.

### **How does manual testing differ from automated testing?**

Manual testing involves human testers executing test cases without automation tools, focusing on user experience and exploratory testing. Automated testing uses tools to run scripts and validate results, allowing for faster and more repetitive testing.

### **What are some common testing techniques used in manual QA?**

Common testing techniques in manual QA include black-box testing, white-box testing, exploratory testing, regression testing, and usability testing, each serving different purposes in the testing process.

### **How can a manual QA software tester ensure effective communication with the development team?**

A manual QA software tester can ensure effective communication by providing clear and concise bug reports, participating in daily stand-ups, using collaborative tools, and being proactive in discussions about quality and testing processes.

### **What is the importance of documentation in manual QA testing?**

Documentation in manual QA testing is crucial for maintaining test plans, test cases, and defect reports. It ensures traceability, facilitates knowledge sharing, and helps in the onboarding of new team members while providing a reference for future testing cycles.

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