

Manual Certificate Course By The Industrial Experts

Course Overview

Manual testing is a software testing approach where testers execute test cases without the use of automation tools or scripts. It involves the process of identifying defects and ensuring the quality of a software application manually. In manual testing, testers play the role of end-users and perform various tests to ensure that the application functions as intended and meets the specified requirements.

Here is an overview of the manual testing process:

- **Test Planning:** This phase involves understanding the project requirements, defining test objectives, scope, and creating a test plan. Testers identify the features to be tested, testing techniques to be employed, and allocate resources and time for testing.
- **Test Case Design:** Testers create test cases that outline the step-by-step procedures to be followed during testing. These test cases are based on functional specifications, requirements, design documents, and other project-related artifacts.
- **Test Environment Setup:** Before starting testing, the testing environment must be set up to replicate the real-world scenarios in which the software will be used. This may include installing the application, configuring databases, networks, etc.
- **Test Execution:** In this phase, testers execute the test cases manually by following the steps outlined in the test cases. They verify the actual outcomes against the expected results and document any discrepancies or defects found during the testing process.
- **Defect Reporting:** When testers encounter any discrepancies between actual and expected results, they log defects in a defect tracking system. These defects are then communicated to the development team for resolution.
- **Test Reporting:** Testers prepare test summary reports that provide an overview of the testing process, including the number of test cases executed, pass/fail status, defect statistics, and any other relevant metrics.

Pre-Requisites

- Basic Computer Skills
- Understanding of Software Development Life Cycle (SDLC)
- Analytical and Problem-Solving Skills
- Test Case Design
- Domain Knowledge (Optional)

While not all of these prerequisites are mandatory, having these qualities will contribute to your success as a manual tester. Remember, manual testing is a skill that improves with practice, so be prepared to invest time and effort in honing your abilities. Additionally, consider taking manual testing courses or participating in workshops to receive structured guidance and hands-on experience.

Benefits of Learning Manual Testing

Learning manual testing can offer several benefits, which I'll reiterate here for your convenience:

- **Strong Foundation in Software Testing:** Learning manual testing provides a solid foundation in software testing principles, methodologies, and techniques, which can be applied to various testing domains.
- **Real User Perspective:** Manual testing allows you to approach testing from the end-users' perspective, enabling you to identify usability issues and provide valuable feedback on the user experience.
- **Early Testing Skills Development:** Manual testing is an excellent starting point for testers, as it helps develop critical thinking, problem-solving, and analytical skills early in their testing career.
- **Flexibility and Adaptability:** Manual testing is flexible and can adapt to rapidly changing project requirements and UI changes, making it suitable for agile development environments.
- **Bug Detection:** Manual testing is effective in finding certain types of bugs that might be missed in automated testing, including visual defects, UI-related issues, and functional anomalies.
- **Building the Testing Mindset:** Manual testing encourages testers to think critically, anticipate user scenarios, and uncover potential issues that automated scripts may not cover.
- **Job Market Demand:** Despite the rise of automated testing, manual testing remains in demand for projects where automation may not be feasible or necessary.
- **Active community and resources**

Learning manual testing offers a wide range of benefits, from a strong foundation in software testing to improved problem-solving skills and domain knowledge acquisition. It remains a relevant and valuable skill in the software testing industry, complementing automated testing efforts and helping ensure the overall quality of software applications.

Related Job Roles

- Manual Tester / Software Tester
- QA Analyst
- Software Test Coordinator
- Test Analyst
- Test Administrator

These are just a few examples of the job roles related to manual testing. Additionally, as you gain experience and expertise in the testing domain, you may have the opportunity to transition to roles such as Automation Tester, Performance Tester, Security Tester, or even Test Manager, depending on your career aspirations and the specific demands of the job market.

Available Training Options

- Online/Offline
- Weekdays Batches
- Weekend Batches
- Course - Duration: 45 Days
- Mode of Training - Online - Live Online Classes
- Daily 1Hr(Need to have a laptop or Computer with Good Internet)

Dedicated Trainer, Practical sessions. One-on-One Live Training Session with Hands-on Practical Training.
For fees details and discounts whatsapp on Phno: +91 8050123030

Manual Testing Training Syllabus

Software Testing Introduction

- What is Software testing?
- Importance of Software testing
- How to conduct Software testing.
- Basic terminology of Software testing
- Manual Testing Process
- Difference between Manual and Automated Testing
- Software testing Roles and Responsibilities

Software Development Life Cycle and various SDLC Models

Phases of Software Development Life Cycle

- Requirements Phase
- Analysis Phase
- Design phase
- Coding Phase
- Testing phase
- Release and Maintenance Phase

Software Development Life Cycle Models

- Waterfall Model.
- V Model
- Agile Model
- Prototype Model
- Spiral Model

Test Case Design Techniques

Static Techniques

- Informal Reviews
- Walkthroughs
- Technical Reviews
- Inspection

Dynamic Techniques

a) Black-box Test Techniques

- Equivalence Partitioning
- Boundary Value Analysis
- Decision Table Testing
- State Transition Testing
- Use Case Testing

b) White-box Test Techniques

- Statement Coverage Testing
- Branch Coverage Testing
- Path Coverage Testing
- Path Coverage Testing
- v Loop Coverage Testing

c) Experience-based Test Techniques

- Error Guessing
- Exploratory Testing
- Checklist-based Testing

Levels and Types of Software Testing

Four Levels of Testing

- Unit Testing
- Integration Testing
- System Testing
- Acceptance Testing

Types of Testing

i) Functional Testing

- Unit Testing
- Integration Testing
- System Testing
- User Acceptance Testing
- Sanity/Smoke Testing
- Re & Regression Testing

ii) Non-Functional Testing

- Performance Testing. (Load, Stress, Spike and Endurance Testing)
- Usability Testing
- Compatibility Testing
- Reliability Testing
- Security Testing
- Cookies Testing
- Session Testing
- Recovery Testing
- Installation Testing
- Adhoc Testing
- Risk-Based Testing
- I18N Testing
- L10N Testing
- Compliance Testing

- Requirements Analysis/Design
- Understand the requirements
- Prepare Traceability Matrix
- Test Planning
- Test Case Design
- Derive Test Scenarios
- Document Test cases
- Collect Test data
- Review Test cases
- Test Environment Setup
- Test Execution
- Sanity Testing – Initial build acceptance testing
- Comprehensive Testing – executing all possible test cases
- Reporting and Tracking Defects
- Test Cycle Closure

- Test Policy
- Test Strategy
- System Test Plan
- Requirements Traceability Matrix
- Test Scenario
- Test Case
- Test Data
- Test Metrics
- Defect Report
- Test Summary Report

For Registration/ Customization of Course / Course Fees

Call / What's app on:	+91 8050123030
Duration:	45 Days
Mode of Training:	Online
Weekdays:	Monday-Friday
Weekends:	Saturday and Sunday

Student Review

Arvind Raju

From : Oman

I've taken up the Advance Python & Arcpy classes from this institute with trainer Mrs. Roselynn is very knowledgeable and teaches the course topics with great detail. Everything was easy to understand and I was always helped with doubts until it was completely rectified. I would definitely recommend this Institute to anyone wanting to learn Python or any of the other courses they offer.

Ullash Ghosh

From : Kolkatta

Excellent teaching of Advance Python programming by experienced trainer. Flexible timings. It was an awesome experience.

Jahir Hussain

From : Qatar

Its Helped me to identify clear, be able next steps towards resolving my own workplace conflict and issues.

Ayeesha H

From : Bangalore

Great knowledge given by the mentor, Best training institution. Mam has explained all the topics very clearly.

Student Review

Vishnu vg From Kerala

My trainer, has a very good command over all the topics. She has explained each topic very clearly. We got a good understanding of all the concepts as she used to write programs daily for the real time scenarios. She make us practice during the classes. Overall I could say, you will be gaining good hands-on and understanding by end of the course

Eshawar Rao From Hubli Dharwad

Excellent Faculty, Excellent Knowledge about subject, madam gives Attention towards every individual student, Madam is having enough Patience in clearing all individual doubts, Overall Excellent training centre to learn and to grow.

Siddhi Kanekar From Pune

Best training institution. Mam has explained all the topics very clearly.
Thank you so much mam for being part of your institution.

Aghil Dev From Orisa

I happy to be a student of rose mam, as she was always present to help. My classes were good and helped me in understanding the concept. Thanks rose mam

Gaurav Chauhan

Position: GIS Analyst

Company:

Carifer Technologies Private Limited
Chennai

Salary: 13 LPA

Harisha

Position: GIS Analyst

Company:

GVS Technosoft Pvt. Ltd
Salary: 10 LPA

Ankit Hemnani

Position: Software Engineer .Net

Company:

Celtic System Pvt.Ltd
Salary: 7.5 LPA

Harish Vijayakumar

Position: Project-Assosiate

Company:

Cognizant Technology Solutions India
Private Limited
Salary: 12 LPA

KIRAN B

Qualification: MBA

Position: Business Head

Experience: 18 Years

His extensive experience in Operations Management, Client Acquisition, HR & Recruitment, and working with startups, he has demonstrated a track record of success across multiple industries and geographies. Starting from an executive level, he progressed to management positions, where he implemented process improvements to enhance efficiency, increase revenue, and drive growth. His vast network of colleges and training centers has significantly contributed to the development of robust recruitment and training pipelines. Moreover, he has successfully engaged with diverse clients.

NIKHIL S D

Qualification: BE Civil

Position: CAD Trainer (Civil)

Experience: 10 Years

Programing Skills: C,C++

2D And 3D Skills: AutoCad, 3D Max, Staad pro, Solid Works, Revit, Google Sketchup and ArcGIS CityEngine

Highly experienced CAD Civil Trainer with a demonstrated track record of success in delivering comprehensive training and instruction, specifically tailored for civil engineering applications. Committed to empowering learners with the necessary skills and knowledge to excel in their civil design and drafting projects.

RAMESH J

Qualification: BE Mech

Position: CAD CAM Trainer (Mech)

Experience: 6 Years

Programing Skills: C,C++,Python

2D And 3D Skills: AutoCad, Catia, Pro-e, Solid Edge, MatLab, Ansys, Solid Works,

Results-oriented CAD Mech Trainer with a decade of experience delivering exceptional training and instruction in 2D and 3D modeling software for mechanical engineering applications. Committed to equipping learners with the skills and knowledge needed to excel in mechanical design, simulation, and manufacturing.

ROSELEN S B

Qualification: MCA

Position: Programmer And Corporate Trainer

Experience: 12 Years

Programing Skills: Java, Python, AI, Machine Learning, Php, SQL, Full Stack

GIS Skill: Arcpy, ArcGIS JS API, ArcGIS Python API, PostGIS, Web AppBuilder, WebGIS

Highly experienced programming mentor with strong background in various programming languages. With over 12 years of training experience, has successfully mentored more than 3000 students, dedicated to helping aspiring programmers and professionals acquire the necessary skills and knowledge to excel in their programming careers.

KAVITA H

Qualification: MSc.IT

Position: Programing Trainer

Experience: 10 Years

Programing Skills: C, C++, Java, MSSQL, MYSQL Server, C# and good knowledge in Servlets, JSP, EJB Worked on J2EE 1.4 Application Server

Kavita is a seasoned programming mentor and trainer with a decade of experience specializing in Java Servlets and MySQL. She has a strong passion for teaching and guiding individuals in mastering these technologies. kavita's in-depth knowledge and practical experience in Java Servlets and MySQL make her an ideal mentor for aspiring programmers looking to excel in web development

ANKIT H

Qualification: MSc.Geoinformatics

Position: GIS Trainer

Experience: 6 Years

GIS Skills: Arc GIS, Arc GIS Pro, QGIS, IGIS, Fusion X, Auto CAD, MS Office, Google Earth, Bhuvan Portal, Geo-Server, Arcgis online, Microstation

Programing Skills: HTML, CSS, Java script, ArcGIS API for Java script, .Net, Python
Ankit is a highly skilled GIS trainer. Has experience in ArcGIS, QGIS, PostGIS, remote sensing, and network analysis. His expertise lies in the field of spatial data analysis and geospatial technologies. He is passionate about sharing his knowledge and helping individuals develop proficiency in GIS applications for various industries.

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