



Test Training in Automated and Manual Testing

Test Overview and
achievements



FASTEST World-class Training

Where ever you are on your professional journey, FASTEST Academy offers professional training tailored to take you further on your test journey. Our collaborative, continuous learning approach and in-depth curriculum prepares you to take on today's latest challenges in Test Methodologies, FASTEST test software for automated testing, Agile testing with Continuous Integration and Test Driven Development, addressing DevOps/continuous delivery, big data, data science, green screens, databases, API's and security.

GET DYNAMIC

Instructor-led training, valuable test certifications and more to boost your and your companies business and get improve by internationally specialists, expert consultants and our strategic partners, like Dick van Loo (EU), Michael Stutz (US), our Steelmood Partners in Spain and Mexico and our FPT Partners in Singapore and Vietnam.

FLEXIBLE LEARNING

People have sharpened their testing skills and shared knowledge at FASTEST Academy. Take our public classes held at your location, with your colleagues in a customized, in-company training programs, anywhere in the world. Testing is provided is the several area's on premise and remote.

- FASTEST Program overview and practical usage.
 - Advantages of automated Testing
 - Test Robot and Automated Testing
 - Test Robot and Manual testing
 - In depth Use of Test Robot (Recording and potential)
 - Continuous Integration & DevOps; Development finished; then 15 minutes later all test scenarios are running.
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FASTEST OVERVIEW AND PRACTICAL USAGE

Modules:

1. Test script manager annex Test case Recording
 - 1.1. Testing Applications
 - 1.2. Testing Databases
 - 1.3. Testing API's
 - 1.4. Testing PDF and related strings
2. Automated testing 24*7
3. Test Manager / Test Report
4. Manual Testing Applications – Databases - API's Interfaces, – etc.

Extra functionality:

1. Verification of data
2. Controlled Data Conversion
3. Test requirement / Use Cases import
4. Test Issue Management / Moscou rules TMAP ISTQB
5. Auditing of IT and financial structures.
 - Duration: 1 hour
 - Achievements: Understanding of FASTEST / Understand the navigation
 - You will have the theory of Automated Testing and the limitations at your hands

A. ADVANTAGES OF AUTOMATED TESTING

- a. Presentation
- b. Test methodologies
- c. Requirements management and handling by preformatted example
- d. Issue management and handling by preformatted example
 - Duration: 3 hours
 - Achievements: Understanding & handling requirements
 - You will have the theory of Understanding & handling issue management.

B. TEST ROBOT AND AUTOMATED TESTING / TEST ROBOT AND MANUAL TESTING

- a. CRM examples
- b. Simple example
- c. Complex examples
- d. Local applications when directly reachable
 - Duration: 4 hours
 - Achievements: Understanding of handling requirements ma.
 - You will have the theory of Understanding of handling issue management
 - You will have the practice of Simply handling tests and preparing test scenarios

C. TEST MANAGER / TEST REPORTS

- a. Explanation and Usage
- b. BI build in
- c. Overviews
- d. Responsibilities
- e. Real time presentation (To convince management of the need and the hard work)
 - Duration: 2 hours
 - Achievements: Understanding the Test management of FASTEST.
 - You will have the theory of Understanding & handling workflows and Reports
 - You will have the practice of simply handling Workflows and Reports

D. IN-DEPTH USE OF TEST ROBOT (RECORDING AND POTENTIAL). *ADVANCED LEVEL*

- a. (If) (then) / (else) in test script
- b. Do While
- c. Use library of all potential scripts
 - Duration: 8 hours
 - Achievements: Test professional in FASTEST
 - You will have the practice of Overall handling of Tests under all circumstance

E. CONTINUOUS INTEGRATION / CONTINUOUS DELIVERY & DEVOPS / TDD ADVANCED LEVEL

F. CONCEPTUAL EXPLANATION BY POWERPOINT SLIDES.

G. PRACTICAL USAGE

- a. Real time company's log-in on E2E practical applications
- b. First time working with multiple Test-cases, and moving to Test scenarios
- c. Maintainability
- d. Use of the library

H. EXTRA FUNCTIONALITY. *ADVANCED TRAINING*

- a. Verification of data - set up and realise
- b. Controlled Data Conversion - set up and realise
- c. Test requirement / Use Cases import - set up and realise
- d. Test Issue Management / Moscou rules TMAP ISTQB
- e. Auditing of IT and financial structures - set up and realise

Trainings are subject to changes caused by client demands or practical situation in handling client's software.

Moreover, based on the existing and new clients FASTEST has set up training facilities with her partners globally in Spain, Mexico, USA, Vietnam, France, South-East Asia, The Netherlands, on premise or remote.

TEST MANAGER SYSTEM CONTENT

- Release and Sprint Management
- Requirements Management which can also be populated and integrated with external systems through API
- Test Case Management
- Test Script Management
- Issue Management
- Automatic Defect Management which can also be integrated with external systems through API
- Manual testing support which maximizes the overall situation awareness
- Bi-directional interfaces to external Test Management Systems when required (e.g. Jira)
- FASTEST API allows test orchestration from any external system

TEST MANAGER FUNCTIONS AND RESPONSIBILITIES (BUILD-IN IN THE SYSTEM)

- Administrator
- Workflow Management
 - Standard functionality [to be accommodated to company standards]
 - Divide work to specialists involved [automated, Manual], company compliant
- Test checks and Test controlling in
 - Agile
 - Waterfall
 - Continuous Integration [CI]
 - Continuous Delivery/Deployment [CI/CD]
 - Test Driven Development [TDD]
- Structuring reporting that shows real-time progress
- Change BI in reporting when requires [standard is delivered]

- Delivers test reports to show progress
- Delivers test audits to company officers
- Delivers financial audits to accountants and compliance officers

FASTEST ROBOT / RECORDER:

- For automated testing (simply handling AX 2017, no PoC required)
- Extensive set of activities enables any automating task at hand
- Full size version of the recorder for the recording
- Runtime version of the robot for performance testing
- Compatibility of the recorder:
 - All web applications, including AJAX, Silverlight
 - ERP applications like:
 - MS Dynamics AX 2009, AX 2012, A7, AX 2017
 - PeopleSoft
 - Oracle
 - Salesforce
 - Java (e.g. EBS)
 - Legacy systems
 - ...and many more
 - Microsoft Office applications
 - PDF
 - API
 - XML messaging
 - Database testing
 - Green screens
 - OCR and image recognition in case of RDP or Citrix

DATA-DRIVEN

- All data-driven information to be handled by Excel as data source
- All Excel functions at hand to be used whenever necessary
- Excel to be used in the several test cases and test scripts
- Data retrieval and data storage in Excel allows also E2E testing with FASTEST

EXTRA FUNCTIONALITY IN ADVANCED TRAINING

- Verification of data, data sets, etc.
- Controlled Data conversion and transport
- Test Requirement Import from foreign systems
- Test Cases import
- Adaption of MoSCoW rules
- TMAP and ISTQB methodology compliant

OBVIOUS DIRECT BENEFITS

(FROM PP PRESENTATION): OTHER BENEFITS IN THE APPENDICES.

- Less manual testing
- Prevent human error
- Test whole chain of applications
- Faster time-to-market
- Unlimited 24*7 testing
- Higher test coverage
- Consistency and transparency

A Proof of Concept allows you to operate and train completely onsite, whereas you already have an installation, an implementation and 4 days of training. On day five you have your first test script and test scenarios operational and you will see the results / outcome already in your systems.

FASTEST

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