API Testing with Postman

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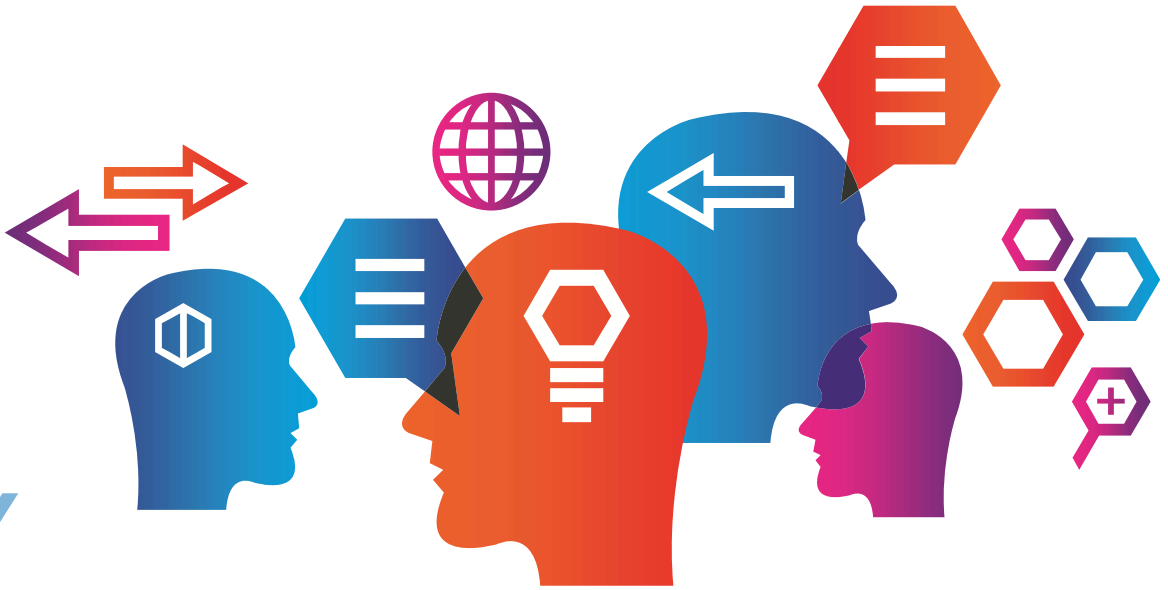| QA SOUTSORCING	QA SERVICES	QA COLSULTENCY	QA TRAININGS

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WHY

TESTX TECHNOLOGY

"TestX Software Training Program to enhance your software testing skills, increases your marketability, and achieves professional growth."

STAY AHEAD OF THE TECHNOLOGY CURVE

ENHANCE YOUR SKILLS

IMPROVED JOB PERFORMANCE

CAREER ADVANCEMENT

NETWORKING OPPORTUNITIES

COST-EFFECTIVE

HANDS-ON LEARNING

EXPERIENCED INSTRUCTORS

INDUSTRY RECOGNITION

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WHAT

YOU WILL LEARN IN THIS
TEST AUTOMATION COURSE?
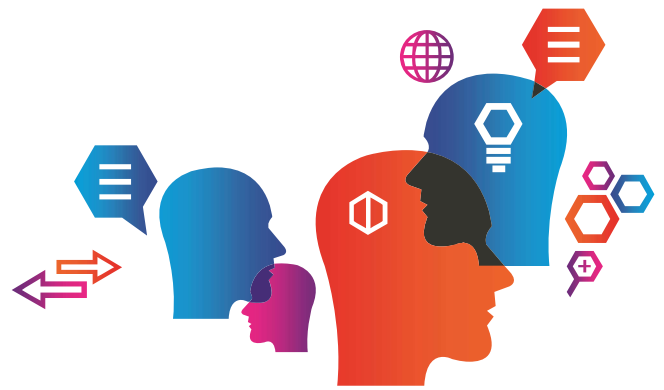
PRE-REQUISITE

- Basic understanding of client server architecture

- Knowledge of JavaScript Programming Language

- Good Logical Problem Solving Skills

- Basic knowledge in Software Testing

MODULE-1 [BASICS - API TESTING]

- Introduction of API and Web Services

- What is API

- What is Web Service

- What is Backend Architecture

- Rest vs SOAP APIs

- What is CRUD operation

- What are different HTTP Methods –
  GET,PUT,POST,DELETE, PATCH

- Different Live Projects Examples

- Tools for Manual and Automation Testing of API

MODULE-2 [INTERMIDIDATE - API TESTING WITH POSTMAN]
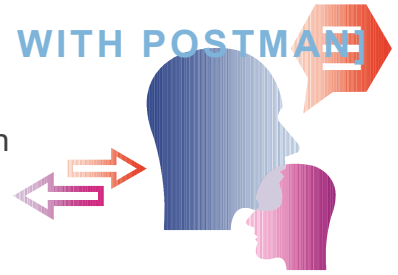
- What is Postman? When to use Postman

- Features of Postman

- Installation and Setup of Postman tool

- Construct basic API request and test collections

- Understanding and Implementation of different API methods likes GET,PUT,POST,DELETE, PATCH

- What is Collection and How to create Collection

- What is Environments and variables and How to create Environments and variables

- Setting up Pre-requisites in Tests

- Create Postman test scripts to send requests(GET,PUT,POST,DELETE, PATCH)

- Set request execution order

- Debug collection runs in Postman Console

- Test Assertions

- Data Driven Test

- Attach certificates with Requests

- Add different Authorization in Postman

- Run Collections using Collections Runner

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MODULE-3 [INTERMIDIDATE - API TESTING WITH NEWMAN]

- What is Newman? When to use Newman
- Newman installation/setup
- How to run from Command-line (Newman) and Jenkins (CI/CD)
- How to run collections from Newman
- Newman command line options
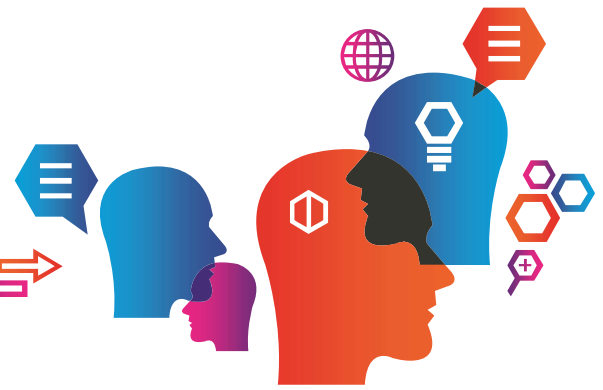- Generate HTML Test Report

MODULE-4 [ADVANCE – API TESTING - OTHER]

- Managing different Workspaces
- Remote Execution
- Mock API Server
- Monitor feature
- Using Postman create a reusable API framework

WHY

YOU SHOULD TAKE THIS
SOFTWARE TESTING COURSE?

Comprehensive Curriculum

Covering a range of topics, including
manual testing, test management,
automated testing, mobile testing,
performance testing, api testing and
security testing

Expert Instructors

Led by experienced and
knowledgeable instructors
who are experts in the
software testing field.

Real-World Applications

Incorporating real-world examples
and case studies to demonstrate the
practical application of software
testing techniques.

Industry Recognized
Certifications

Providing recognized certifications
upon completion of the course,
demonstrating skills and knowledge
in software testing.

Hands-On Experience

Offering practical, hands-on
experience with software testing tools
and techniques through labs,
projects, and case studies.

Interactive Learning
Environment

Encouraging participation
and engagement through
interactive discussions, group
activities, and Q&A sessions.

Flexible Learning Options

Offering flexible learning options,
such as online or in-person
classes, full-time or part-time
schedules, to accommodate
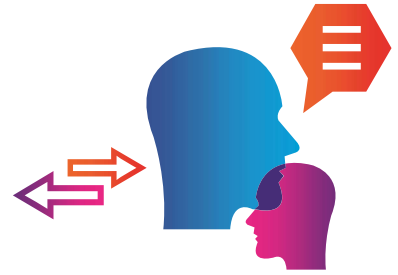different learning styles and
schedules.

Career Support

Providing career support, including
job placement assistance, resume
and interview preparation, and
access to a professional network.

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CONNECT US

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