



LONDON SCHOOL  
OF EMERGING TECHNOLOGY

# SOFTWARE

# MANUAL

# TESTING

## COURSE ID

SMT

## DEPARTMENT

SOFTWARE  
ENGINEERING

## CAMPUS

1 CORNHILL

## LEVEL

CERTIFICATE

## METHOD

LECTURE + PROJECT

## DURATION

3 MONTHS

In our Manual Testing Training course, we cover core concepts in a practical manner. Students will be exposed to real-life industry scenarios and use-cases, allowing them to scale up their skills. Learn the skills you need to become a software manual tester by enrolling in this hands-on training program.

**APPLY  
NOW!**

Apply now to become a professional **Software Manual Tester**



Options	Topic	Add-On	Duration
Option 1	Software Manual Testing		3 Months
Option 2	Software Manual Testing	Project	5 Months
Option 3	Software Manual Testing	Project &	12 Months
		Industrial Training and Paid Internship Program	

**Note:** Our Industrial Training and Internship program includes a guaranteed 6 months paid internship (from 10 hours to 40 hours per week) with a technology company. Due to visa restrictions, some international students may not be able to participate in this program.

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[www.lset.uk](http://www.lset.uk)

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Manual testing is the process of manually examining software and applications for errors or defects. Manual testing involves executing test cases manually by a tester without using any automated testing tools. LSET's Manual Testing course will provide you with a comprehensive understanding of all its concepts and techniques. Training in manual testing is provided by the best manual testing trainers. They prepare a standardized curriculum that gives students ample knowledge in various types of testing including white box testing, black box testing, conventional testing, and software testing.

LSET focuses on providing students with practical, case-based training to give them hands-on experience. Students who complete the Manual Testing course will receive a certificate. Manual testing courses we offer are designed to meet industrial standards.

## TECHNOLOGIES COVERED

**LoadRunner:** A performance testing tool like this is widely used. LoadRunner specializes in performance testing for numerous methods, methodologies, and application settings. It is designed to quickly identify the most common causes of performance problems.

**Citrus:** Citrus is a commonly used test framework. It's written in Java. It sends and receives server-side and client-side requests and verifies XML JSON files. HTTP, JMS, and SOAP protocols are supported by citrus for end-to-end testing.

**ZAP:** Zed Attack Proxy is a free and open-source security scanner for web applications. As with several other utilities, it is written in Java. Web applications can be dynamically tested for security using OWASP ZAP.

**JIRA:** A manual testing tool that connects directly with code development environments makes it ideal for developers as well. The software can track almost any kind of problem because it is capable of tracking almost anything. The software is compatible with agile projects.





**SonarQube:** SonarQube is another manual testing tool that helps us maintain code quality and security. Furthermore, it is adaptable thanks to plug-ins. It is entirely programmed in Java. The software supports Ant, Maven, Gradle, MSBuild, and other continuous integration technologies for completely automated review and integration. SonarQube can also track measurements over time and provide an evolution graph.

**JMeter:** The JMeter tool can be used to test static and dynamic resources. Java-based, it tests application performance and load behavior. The source code can be used by consumers and developers.

**Bugzilla:** Bugzilla is another issue tracking application that is used during manual testing. Businesses use it to monitor an application's problems. An open-source tool for tracking issues is Bugzilla. ALM, Quality Center, and others can easily be integrated into Bugzilla for the management of test cases.

## JOB GUARANTEE

Job Guarantee is an add-on program you can register with this course. You will need to clear an assessment interview to get enrolled. Once successful in the assessment, you will be offered Job Guarantee with this certificate course. There is a fee to join this program as it takes you to rigorous career development, interview preparation, mock interviews, etc. The fee for joining the Job Guarantee add-on program is £500. This is a 12 months program which starts at the end of your certificate course. As part of this program, we represent you to the prospective employers and train on career development elements...

You need to abide by the rules of this program which you can find on the Job Guarantee page. If we can't find you a relevant job or you don't find it by yourself in the similar industry in any part of the world within these 12 months, we will refund you the course fee + Job Guarantee program fee. The refund process will start after the end of the 12 months and every month we will pay £500 until the entire fee is paid back. But if you find a relevant job during this time then the remaining payments will be stopped. This program is only applicable to home students (UK permanent residents / citizens).





## INDUSTRIAL TRAINING

LSET offers an optional add-on industry training program to its students. Students wishing to enrol in this program require to pay fee of £2000 to receive training from industry experts at IT companies in the US or UK. This is a month-long program which takes place at the host company's location. Interested students need to go through an assessment and host company's interview process to be accepted in the program.

## COMPLEMENTARY WORKSHOPS



GIT MANAGEMENT



AGILE PROJECT  
MANAGEMENT



TEAM BUILDING



PERSONALITY  
DEVELOPMENT



INTERVIEW  
PREPARATION

## COURSE INFORMATION



SEPTEMBER  
DECEMBER



JANUARY  
APRIL



MAY  
AUGUST

### ENTRY CRITERIA

- ✓ Basic Understanding of English
- ✓ Basic Proficiency with Computers
- ✓ Ability to work in Group

### COURSE HIGHLIGHTS

- ✓ Hands-on Sessions
- ✓ Project-based Learning
- ✓ Live or Offline Capstone Project
- ✓ Real world development experience
- ✓ Industry Mentors
- ✓ Interactive Teaching Methodologies

# EVALUATION CRITERIA

- ✓ 18 Coding exercises
- ✓ 5 Assignments
- ✓ 5 Quizzes
- ✓ Capstone Project
- ✓ Group activities
- ✓ Presentations

# LEARNING OBJECTIVES

- ✓ Understand the objectives of Manual testing
- ✓ Manual testing techniques
- ✓ Executing test plans
- ✓ Types of testing
- ✓ Authoring test cases
- ✓ Architecture of QC tool
- ✓ Create, restore & backup projects
- ✓ Coverage analysis
- ✓ Develop data-driven tests
- ✓ Automate applications using QTP
- ✓ You will be able to write Test scenarios and test cases on your own



**WEEKDAYS BATCH**  
5:30 pm - 7:30 pm  
(Wed, Thu, Fri)



**WEEKENDS BATCH**  
9:00 am to 12:00 am  
(Sat, Sun)



**INTERVIEW PREPARATION**  
Wednesday  
(4 Workshops)





### HANDS-ON WORKSHOPS

Thursday(2 Workshops)



### PERSONALITY DEVELOPMENT

Friday (1 Workshop)



### HANDS-ON WORKSHOPS



### INTERVIEW PREPARATION



### CV PREPARATION



### PERSONALITY DEVELOPMENT

Join the Software Manual Testing Certificate course to learn the current state-of-the-art techniques of web and mobile application manual test. LSET teaches this course in a project-based environment that lets you explore real-world applications.

## COURSE CONTENT

Browse the LSET interactive and practical curriculum

### INTRODUCTION

- ▶ Course Introduction
- ▶ How to make the best of this course
- ▶ GIT Introduction and Setup
- ▶ Course Induction
- ▶ Automation Testing vs Manual Testing

### SOFTWARE TESTING TOOLS

- ▶ Introduction
- ▶ Introduction to Software Testing
- ▶ Software Development Process



- ▶ Project Vs Product
- ▶ Objectives of Testing
- ▶ Testing Principals
- ▶ Software Development Life Cycle
- ▶ SDLC
- ▶ SDLC Models
- ▶ Waterfall Model
- ▶ Spiral Model
- ▶ V Model
- ▶ Prototype Model
- ▶ Agile Model (Scrum)
- ▶ How to Choose Model for a Project
- ▶ Software Testing-Methods
- ▶ White Box Testing
- ▶ Block Box Testing
- ▶ Gray Box Testing
- ▶ Levels of Testing
- ▶ Unit Testing
- ▶ Structural Testing
- ▶ Statement Coverage Testing
- ▶ Condition Coverage Testing
- ▶ Branch Coverage Testing
- ▶ Path Coverage Testing
- ▶ Integration Testing
- ▶ Big Bang Integration
- ▶ Top Down Approach
- ▶ Bottom up approach





- ▶ Stubs and Drives
- ▶ System Testing
- ▶ Functional Testing
- ▶ Non Functional Testing
- ▶ Compatibility Testing
- ▶ Performance Testing
- ▶ Load Testing
- ▶ Volume Testing
- ▶ Stress Testing
- ▶ Recovery Testing
- ▶ Installation Testing
- ▶ Globalization Testing
- ▶ Security Testing
- ▶ Usability Testing
- ▶ Accessibility Testing

## AGILE & JIRA

- ▶ Introduction
- ▶ Introduction to Agile
- ▶ Jira Components
- ▶ Jira Search
- ▶ Customizations
- ▶ Real End to End Jira Project Flow
- ▶ Admin Settings – Creating user & groups
- ▶ Admin Settings – Handling Global access & use cases
- ▶ Handling Permissions
- ▶ Customizations & Components



## WEB AND MOBILE TESTING

- ▶ Introduction to Web and Mobile Testing
- ▶ Challenges in Web and Mobile Testing
- ▶ Understanding XML and HTML
- ▶ Using Firefox Developer Tool

## FUNCTIONAL AND NON-FUNCTIONAL WEB AND MOBILE TESTING

- ▶ Web Test Planning
- ▶ Understanding Minimal Essential Test Strategy (METS)
- ▶ Using METS for Time Budgeting
- ▶ Understanding Representational State Transfer (REST)
- ▶ Introduction to XPath
- ▶ Introduction to Security Testing
- ▶ Security Testing Techniques
- ▶ OWASP Top Ten Risks Overview
- ▶ OWASP Top Ten Security Risks
- ▶ Fuzz Testing
- ▶ Introduction to Performance Testing

## USER ACCEPTANCE TESTING

- ▶ Alpha Testing
- ▶ Beta Testing

## TESTING TERMINOLOGY

- ▶ Functional Testing
- ▶ End-End Testing
- ▶ Ad-hoc Testing
- ▶ Risk Based Testing





- ▶ Sanity/Smoke Testing
- ▶ Re-Testing
- ▶ Regression Testing
- ▶ Exploratory Testing
- ▶ Parallel Testing
- ▶ Concurrent Testing

## WINDOWS & WEB APPLICATION TESTING

- ▶ Check List for Window App Testing
- ▶ Check List for Web Application Testing
- ▶ Web App Testing Terminology

## SOFTWARE TESTING LIFE CYCLE (STLC)

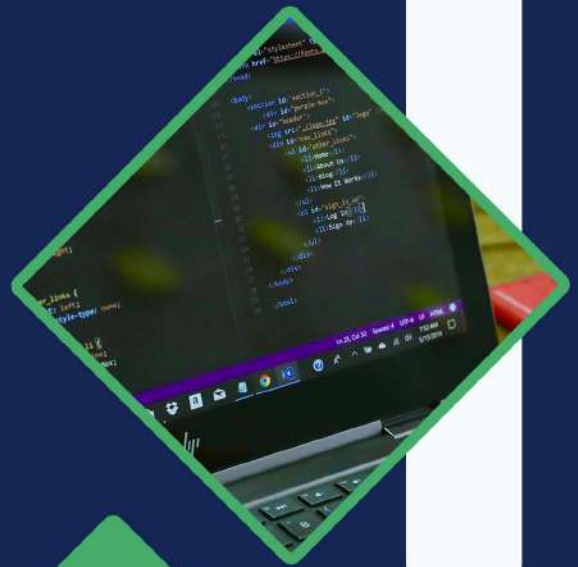
- ▶ Test Strategy
- ▶ Test Planning
- ▶ Test Cases Design
- ▶ Error Guessing
- ▶ Equivalence Partition
- ▶ Boundary Value Analysis

## TEST CASE AUTHORIZING

- ▶ Functional Test Case
- ▶ Review Test Case
- ▶ Walkthroughs
- ▶ Peer Review
- ▶ Traceability Matrix

## BUILD RELEASE PROCESS

- ▶ SRN & DD
- ▶ Build Deployment
- ▶ Project Dev Env (Dev, Test, Prod)



## DEFECT REPORTING & TRACKING

- ▶ Defect Reporting
- ▶ Defect Life Cycle
- ▶ Severity, Priority
- ▶ Defect Tracking Tools

## TEST CLOSURE

- ▶ Criteria for Test Closure
- ▶ Test Summary Reports

## ADDITIONAL

- ▶ Introduction to VSS
- ▶ Project Metrics
- ▶ QA & QC
- ▶ ISO & CMM Standards
- ▶ Testing Certifications
- ▶ Interview Question
- ▶ Organization Hierarchy
- ▶ Role of Project Team Members

## TEST MANAGEMENT USING QUALITY CENTER

- ▶ Overview on Test Management
- ▶ Architecture of QC Tool

## SITE ADMINISTRATOR

- ▶ Create Project
- ▶ Create Users
- ▶ Assign User to Projects





- ▶ Monitor Connections & Licenses
- ▶ Sitescope
- ▶ Backup, Restore Projects
- ▶ Version Control

## QUALITY CENTER

- ▶ Managing Requirements
- ▶ Working with test Plan
- ▶ Developing Manual & Automation Tests
- ▶ Coverage Analysis/Traceability
- ▶ Create Test Cases
- ▶ Running Tests
- ▶ Record Results
- ▶ Defect Reporting & Tracking
- ▶ Integration with QTP
- ▶ Test Resources
- ▶ Test Linkage



# ASSESSMENT CRITERIA

To earn the certificate, students must clear all the assessments, quizzes, and project work. At a minimum, students are required to satisfy the pass criteria of the course. Students who score 75% or more will be awarded Merit Grade, while students with 85% or more will be awarded, Distinction Grade.

## Following are the detailed criteria for each level

### Pass Grade Criteria

Score a minimum of 50% aggregate and demonstrate the following;

- Proficiency in the technical skills and techniques
- Must have a minimum attendance of 90% in the classes unless proper medical proof is provided
- Submit all the projects and assignments before the last submission date
- Collaborate with peers in group projects



### Merit Grade Criteria

Score a minimum of 75% aggregate and demonstrate the following;

- Excellent technical skills and techniques
- Discover and apply strategies to find the perfect solutions
- Select/design and use appropriate methods/techniques
- Present and communicate appropriate findings



## Distinction Grade Criteria

Score a minimum 85% aggregate and demonstrate the following;

- Mastery of technical skills and techniques
- Use critical thinking for self-evaluation and justify valid conclusions
- Take the responsibility the manage and organise activities and teams
- Showcase convergent/lateral/creative thinking.



## ASSESSMENT METHODS

LSET follows strict uniform standards in assessing students' performance during the certificate course. This ensures that the LSET certificate holders demonstrate high ethics and deep technical knowledge. Internal and external examiners will assess the students, while the platform will automatically evaluate the quizzes. Instructors are internal examiners who only assess students' soft skills. At the same time, the external examiners are responsible for assessing students' assessments and project work.

### Internal Evaluation

Instructors only evaluate students on the following, contributing to 20% of the total score. The total points that can be earned are 100

- **Punctuality [10 points]:** Students are expected to show punctuality with their attendance, presence, and project/assignment submission time.
- **Dedication [10 points]:** LSET expects the students to give attention and show dedication throughout the curriculum.
- **Time Management [10 points]:** Students should show good time management by completing and submitting their assignments on time. Time management is crucial for students to prepare for the real work environment.
- **Attendance [10 points]:** Minimum of 90% attendance is required unless a proper reason with evidence is provided. Attendance in LSET classes is important to ensure that the student has thoroughly learned the technical and non-technical concepts taught in the curriculum.



- **Working with Others (Teamwork) [10 points]:** LSET teaches concepts in a collaborative environment where we expect each student to show teamwork and collaboration skills.
- **Problem-Solving Skills [10 points]:** Students must demonstrate proper problem-solving skills. Students need to use the knowledge and skills gained in the course to solve real-world problems.
- **Class Participation [10 points]:** Engagement and participation are crucial to ensure the interactive learning experience.
- **Communication Skills [10 points]:** Students should display formal communication skills to communicate with their teammates. This prepares them for their future workplace.
- **Presentation Skills [10 points]:** Students must show their presentation skills while working on their group projects and assignments to become more presentable.
- **Ability to ask Questions [10 points]:** Students should ask relevant questions in the classes to encourage healthy discussion on technical topics.

## External Evaluation

External examiners evaluate students on the following, contributing to 70% of the total score. The total points that can be earned are 250.

- **5 Assessments [10 points per assessment]:** These assessments are done entirely based on how the student has performed in understanding the lessons and concepts taught by the instructor.
- **1 Capstone Project [200 points]:** The capstone project is conducted at the end of the certificate course to practice all the practical concepts. Students must satisfy the criteria mentioned in the project requirement document to earn full points.





## Auto Evaluation

Auto evaluation will be conducted via the platform, which contributes to 10% of the total score. The total points that can be earned are 50

- **5 Quizzes [10 points per quiz]:** Quizzes in a class ensures maximum participation and ensure that the students have learned the taught concepts with attention. Students will be presented with multiple choice questions.

## Having Doubts?

### Contact LSET Counsellor

We love to answer questions, empower students, and motivate professionals. Feel free to fill the form and clear up your doubts related to our Full-stack with Django Course



## Best Career Paths

### Performance Tester

Performance testing ensures that critical components of an application perform as expected under varying user loads. Any given application's resource usage, speed, availability, response time, scalability, and reliability can be evaluated using this tool.

### Security Tester

Penetration tests are performed on computer systems to expose weaknesses in their security that could be exploited by criminals. Networks and infrastructures are two types of systems you can specialize in manipulating.



### Manual Tester

As a manual tester, your responsibilities include: Analyzing the technical characteristics of equipment systems. Ensure that the code meets the requirements of the project by evaluating it. Plan phased testing with QA engineers and develop quality assurance strategies.



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## Top Companies Hiring





# The Course Provides Shared Expertise by



LSET TRAINERS



INDUSTRY EXPERTS



TOP EMPLOYERS

## Skills You will Gain

- ⇒ Black-box Testing Techniques
- ⇒ White-box Testing Techniques
- ⇒ Unit Testing
- ⇒ Static Analysis
- ⇒ Testing Manual
- ⇒ Writing Test Plans
- ⇒ Writing Defect Reports
- ⇒ Understanding of Testing Theory
- ⇒ JIRA
- ⇒ Writing Tests
- ⇒ Testing Vocabulary
- ⇒ Executing Test Plans
- ⇒ Manual Testing Techniques
- ⇒ Coverage Analysis

## Complete Learning Experience

This course focuses on providing a complete hands-on guided learning experience to help you learn the fundamentals in a practical manner.

- ⇒ We constantly update the curriculum to include the latest releases and features.
- ⇒ We focus on teaching the industry best practices and standards.
- ⇒ We let you explore the topics through guided hands-on sessions.
- ⇒ We provide industry experienced mentor support to every student.
- ⇒ We give you an opportunity to work on the real world examples.
- ⇒ Work with hands-on projects and assignments
- ⇒ We help you to build a technical portfolio which you can present to your prospective employers.

## Reasons to Choose LSET

- ⇒ Interactive live sessions by the industry experts.
- ⇒ Practical classes with project-based learning with hands-on activities.
- ⇒ International learning platform to promote collaboration and teamwork.
- ⇒ Most up-to-date course curriculum based on current industry demand.
- ⇒ Gain access to various e-learning resources.
- ⇒ One-to-one attention to ensure maximum participation in the classes.
- ⇒ Lifetime career guidance to get the students employed in good companies.
- ⇒ Free lifetime membership to the LSET Alumni Club

## What Will Be Your Responsibilities?

- ⇒ Work creatively in a problem-solving environment.
- ⇒ Ask questions and participate in the class discussions.
- ⇒ Work on assignments and quizzes on timely manner.
- ⇒ Read additional resources on the course topics and ask questions in the class.
- ⇒ Actively participate in the team projects and presentations.
- ⇒ Work with the career development department to prepare for interviews
- ⇒ Respond to the instructors, student service officers, career development officers, etc. in a timely manner.
- ⇒ And most importantly, have fun while learning at LSET





# How Does Project-Based Learning Work?

LSET project-based learning model allows students to work on real-world applications and apply their knowledge and skills gained in the course to build high-performing industry-grade applications. As part of this course, students learn agile project management concepts, tools, and techniques to work on the assigned project collaboratively. Each student completes project work individually but is encouraged to enhance their solution by collaborating with their teammates.

Following are the steps involved in the LSET's project-based learning;

## Step 1: Project Idea Discussion

In this step, students get introduced to the problem and develop a strategy to build the solution



## Step 2: Build Product Backlog

This step requires students to enhance the existing starter product backlog available in the project. This helps students to think about real-life business requirements and formulate them in good user stories.



## Step 3: Design Releases and Sprints

In this step, students define software releases and plan sprints for each release. Students must go through sprint planning individually and learn about story points and velocity.

In this step, students learn to write unit tests to ensure every application part works fine.





### Step 5: Use CICD to Deploy

In this step, students learn to use CICD (Continuous Integration Continuous Delivery) pipeline to build their application as a docker image and deploy it to Kubernetes.



## Capstone Project

LSET gives you an opportunity to work on the real world project which will greatly help you to build your technical portfolio

### Project Topic: Online Banking

London has been a leading international financial centre since the 19th century. In recent years, London has seen many FinTech start-ups and significant innovations in the banking sector. This project aims to introduce students to the financial industry and technologies used to handle billions of daily transactions. As part of this project, students will learn the current technological advances and build up their knowledge to start a simple banking application. This application uses agile project management practices to build basic functionality. Students will be presented with user stories to create the initial project backlog. Students need to enhance this backlog by adding more relevant user stories and working on them.

LSET emphasises project-based learning as it allows the students to master the course content by going through near real-world work experience. LSET projects are carefully designed to teach the industry-required skills and mindset. It motivates the students on various essential aspects like learning to work in teams, improving communication with peers, taking the initiative to look for innovative solutions, enhancing problem-solving skills, understanding the end user requirements to build user-specific products, etc.

Capstone Projects build students' confidence in handling projects and applying their newly learned skills to solve real-world problems. This allows the students to reflect upon their learning and find the opportunity to get the most out of the course.



## Learning Outcome

- » Students will learn to work in an agile environment
- » Students will learn the agile project management terms used in the industry, like product backlog, user stories, story points, epics, etc.
- » Students will learn to use a Git repository and understand the concepts like commit, pull, push, branch, etc.
- » Students will learn to communicate in a team environment and effectively express their ideas.

## Guidance and Help

A dedicated project coordinator who can mentor students on the process will be assigned to this project. Students can also avail of the instructor's hours as and when needed. LSET may get an industry expert with subject-specific experience to help students understand the industry and its challenges.

## Execution Process

This project will be carried out in steps. Each step teaches students a specific aspect of the subject and development paradigm. Following are the steps students will follow to complete this project.

### Phase 1: Project Introduction Self Study [6 days]

In the first step, students will learn about the financial industry and review the project introduction documentation to build up the subject knowledge. This is a self-learning stage; however, instructor hours are available if required.

### Phase 2: Project Build-up and Environment Setup [2 days]

In this step, students are required to follow the project guide to set up the development environment. The project document guides students to find and connect to the LSET Git repository and install the necessary libraries or tools.





## Phase 3: Product Backlog and Sprint Planning [2 days]

In this phase, students will use the existing product backlog and enhance it as per their project scope. Students can seek help from the project coordinator and/or the instructor. Project coordinator will help students to do sprint planning and assign story points to the stories. This process is meant to give students real world work environment experience. Students can consider this as a mock exercise on using the agile project management practices.

## Phase 4: User Stories Execution and Development [12 days]

In this phase, students will work on the user stories identified in the Phase 3 process. Students will write code and algorithms to complete the development objectives. Project coordinator will be available to help students to guide on the development and answer any questions they may have. Students can also discuss this with the instructor.

## Phase 5: Testing, Deployment and Completion [5 days]

In this phase, students will test the application and deploy to the cloud environment. Students will experience the deployment process in cloud and learn the best practices. After the successful deployment, students will present their project to the instructor and/or to the external project reviewer. A feedback will be given to the students. Students will have 1 week to work on the feedback and submit the final copy of the project which will be sent to the external examiner for evaluation.



## Project Presentation

LSET emphasis on preparing students for real work environment by giving them opportunities to learn the required soft skills. After completing the project, students are required to present their work to the instructor and an invited project reviewer panel. Please note that the assigned external examiner will not be part of this panel and hence will not know about the students. This ensures an unbiased assessment by the external examiner. The aim of this exercise is to give students an opportunity to experience an environment they may face in their real job. Also, it gives them an opportunity to get feedback from the industry experts who can guide students on various parts of the project. This will help students to learn and fix anything they find necessary in their project. This not only ensures the quality output but also help students to learn about industry requirements.



Instructor and the project reviewer panel will assess the students on the following;

**Project Repository on GitHub [10 points]:** Instructor will ensure that the students have uploaded the project repository to the LSET's GitHub account as per the guidelines given in the project requirement documentation. Full points will be awarded if the repository is properly setup as per the instructions given.

**Presentation Skills [20 points]:** Students are required to present their work in the given timeframe. Full points will be awarded if students cover everything needed to present their work in the given timeframe.

**Communication Skills [20 points]:** Students need to present their work in a manner which is understandable by all the participants. More focus will be given on the way student communicates and not the language. Full points will be awarded if students able to communicate their work properly.



## Evaluation Criteria

LSET promotes transparent and unbiased evaluation process. All the external examiners will follow a set process to grade students. No student's personal or identification information will be shared with the external examiners so they will not be knowing about the person they are grading. They will only get the project files and grading guidelines to follow. This will ensure the equal quality standards across the institute.

Following are some of the key areas the LSET external examiners will be grading on.

**Project Documentation [10 points]:** Project documentation is properly filed up with the information which can be used to understand the project work. Students can use the supplied project documentation template to fill up the information. External examiner to confirm if all the information is filled up. Full points will be awarded if all the sections are covered.



**Project Structure [10 points]:** Students need to follow the proper structure while developing their project. This structure is being taught and/or covered in the project requirement documentation. External examiner to confirm if the project files are properly structured. Full points will be awarded if the structure meets the given guideline.



**Solves Basic Problem [50 points]:** Students need to ensure that they implement all the requirements given in the project documentation. External examiner to confirm if the project solves the given problem. Full points will be awarded if the students include everything that was asked in the project requirement.

**Innovation [20 points]:** Students are encouraged to bring new ideas into their development. They can improve the design, use new design patterns, code with a better coding style, or simply add an additional feature. External examiner to confirm if the students have added more than the requirement given to improve the design or solution. The new addition must include a new feature and should not be similar to the requirements given. Full points will be awarded if the external examiner finds a new innovation or see students going beyond the asked requirements.

**Best Practices [20 points]:** Students are required to follow the best practices in their development. This will help them to become a quality resource for their prospective employer. External examiner to confirm if the supplied best practices are followed in the project. Full points will be awarded if the best practices are properly implemented.

**Performance Consideration [20 points]:** Students need to think about performance while working on their project. Performance is one of the important industry requirement. External examiner to confirm if the student considered the performance improvements in the project. Full points will be awarded if the external examiner sees efforts taken to consider performance aspect in the development.

**Security Structure [20 points]:** Students need to consider the security aspect if applicable in the design and development. External examiner to confirm if the security consideration is applicable in this project, if it is applicable, the examiner to confirm if the student has considered the security elements in the project. Full points will be awarded if the external examiner sees efforts taken to consider the security aspect in the development.

## Benefits of LSET Certificate

Earning the LSET Certificate means you have demonstrate hard working capabilities and learnt the latest technologies by completing hands-on exercises and real world projects.

Following are some of the traits employers can trust you have built up through your course;





- You know how to work in a team environment and communicate well.
- You know the tools which are necessary in your desired job.
- You know how to use the latest technologies to develop technologically advanced solutions
- You have developed problem solving skills to navigate through complex problem scenarios and figure out right solutions.
- You are now ready to take on the challenge and help your prospective employer to build the desired solutions

## What to expect after completing the course?

After earning your certificate from LSET, you are entitled to join the LSET's Alumni club. There are countless benefits associated with the Alumni Club membership. As a member of LSET Alumni you can expect the following;

- LSET to hold your hand all the way to find a successful career
- Advice you on choosing right career based on your passion and goals
- Connect you with industry experts for career progression
- Provide you opportunities to participate in events to keep yourself updated
- Provide you an opportunity to contribute to the game changing open source projects
- Provide you a platform to shine by giving you an opportunity to speak at our events

## TOOLS & TECHNOLOGIES YOU WILL LEARN FROM THIS COURSE



GIT



JIRA



JMETER



LOADRUNNER



SONARQUBE

## REGISTER NOW!

**Start Your Journey to becoming a Professional Software Manual Testing**  
LSET could provide the perfect headstart to start your career in **Software Testing**.





**LONDON SCHOOL  
OF EMERGING TECHNOLOGY**

### **Admission Enquiry**

☎ +44 (0) 20 3369 9909

✉ [admission@lset.uk](mailto:admission@lset.uk)

✉ [visa@lset.uk](mailto:visa@lset.uk)

### **Admission & Visa Office**

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