

## WEEKLY REPORT

WEEK - 1 (From Dt. 9/7/24 to Dt. 16/7/24)

Objective of the Activity Done:

Detailed Report:

Software automation testing is defined as the use of automated tools and scripts to execute predefined test cases on a software application, with the goal of verifying that the software functions correctly, meets specified requirements, and is free of defects. This type of testing replaces or supplements manual testing by automatically executing tests, comparing actual outcomes with expected outcomes, and generating detailed reports on the software's performance, functionality, and reliability.

# ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Introduction to Software testing.	understanding of software development Life Cycle (SDLC)	
Day - 2	(1) Revision of SDLC and (2) Testing techniques	Black Box testing White Box testing	
Day - 3	(1) Revision of Previous class (2) Testing techniques.	Module testing unit testing Integration testing Static & dynamic testing.	
Day - 4	(1) Revision of testing techniques	Levels of Software testing. Acceptance testing. System testing.	
Day - 5	System and Acceptance testing	System testing user acceptable testing. Smoke testing.	
Day - 6	System and Acceptance testing.	Sanity testing. Smoke testing Types of System testing.	

## WEEKLY REPORT

WEEK - 2 (From Dt. 17/7/24 to Dt. 23/7/24.....)

Objective of the Activity Done:

Detailed Report:

1. Continuous Integration and Delivery: Amazon uses automation testing to integration and delivery software changes quickly and reliably.
  2. Test-Driven Development: Amazon developers write automated tests before writing a code, ensuring tests drive development.
- Advanced testing strategies and formal testing & Informal testing, test plan and software testing life cycle.
- user interface and non-functional testing
  - user interface, usability testing, compatibility
  - non-functional testing.



2<sup>nd</sup>  
ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Revision of System & Acceptance testing. Types of requirements for test cases.	Load, Stress, Spike, Volume, Regression, Recovery, Migration, functional hand/software testing.	
Day - 2	Advanced testing strategies	Formal testing & Informal testing Test plan Software testing life cycle.	
Day - 3	Advanced testing strategies	Monkey, gorma testing, ad-hoc testing Re-testing & Regression testing	
Day - 4	User interface and non-functional testing	• User Interface usability testing - Compatibility non-functional testing	
Day - 5	Performance testing, Security testing, Compatibility testing	Compatibility testing, Performance testing & Security testing.	
Day - 6	Software testing life cycle and Tools.	Globalization, Localization, Revalidation testing SDLC, test plan.	

## WEEKLY REPORT

WEEK - 3 (From Dt. 29/7/24 to Dt. 30/7/24)

Objective of the Activity Done:

Detailed Report: Software testing life cycle and tools (STLC). Test analysis, Analyzing of SRS & FRs

Test design

Software testing life cycle (STLC) and Tools.

preparing test scenarios, preparation test cases

preparing test data.

software testing life cycle (STLC) & Tools:

Requirements (RTM), Test case execution and

Defect reporting

Software testing life cycle and Tools: In that

we learnt Defect severity, Defect priority

with examples.

Software testing life cycle and tools: Defect

management tools. JIRA and BUGILLA and

Bug Life.

3rd  
ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Software testing life cycle and Tools (STLC)	Test Analysis Analyzing of SRS & FRS Test Design	
Day - 2	Software Testing life cycle (STLC) and Tools.	preparing test scenarios preparing test cases preparing Test Data	
Day - 3	Software testing life cycle (STLC) & Tools.	Requirements (RSM) • Test case execution • Defect Reporting.	
Day - 4	Software testing life cycle and Tools.	Defect Severity Defect priority with examples.	
Day - 5	Software testing life cycle and Tools.	Defect management Tools : JIRA and BUGZILLA Bug life cycle	
Day - 6	Software testing life cycle and Tools.	Detailed learning on Test Cases.	



## WEEKLY REPORT

WEEK - 4 (From Dt. 3/8/24 to Dt. 5/8/24.....)

Objective of the Activity Done:

Detailed Report:

Test Case preparation and test case Scenario preparation: preparation of test case in excel and test Scenario preparation

Revision of earlier classes and Defect Severity priority and reporting, Automation testing.

Fundamentals of Test Automation: Introduction, advantages, disadvantages of automation test

Fundamentals of Test Automation: classification of Automation tools

Installation & Set up of Katalon: learnt how to set up Katalon & understood its features understanding & learning about the Katalon creation of test cases of Katalon

4<sup>th</sup>  
ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Test case preparation Test Scenario preparation	Preparation of test cases in excel. Test Scenario preparation	
Day - 2	Revision of earlier classes	Defect Severity, priority and reporting, Automation testing	
Day - 3	Fundamentals of Test Automation	Introduction; advantages, disadvantages of automation test	
Day - 4	Fundamentals of Test Automation	Classification of automation testing Automation Tools	
Day - 5	Installation & set up of Katalon	Learn how to set up Katalon & understand its features	
Day - 6	Understanding & Learning about the Katalon	Creation of Test cases of Katalon.	



## WEEKLY REPORT

WEEK - 5 (From Dt. 6/8/24 to Dt. 12/8/24.....)

Objective of the Activity Done: creation of test cases and running

Detailed Report: Creation of test cases and running of test cases  
Record and playback mode & manual mode

Creation and running of test cases script mode and  
manual mode

Revision of previous class on locators

Absolute path and relative path

Test suite creation & execution & Test suite collection  
level

Test suite creation executing & test suite collection  
level

Data driven testing using internal data, Excel

Test listeners, Test creation and execution

5<sup>th</sup>  
ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Creation of test cases and running of test cases.	Record and playback mode & manual mode	
Day - 2	creation and running of test cases &	Script mode and manual mode	
Day - 3	Revision of previous classes and class on locators	Absolute path & Relative path	
Day - 4	Test Suit creation & execution & test suit collection level.	Test suit creation, execution & test suit collection level.	
Day - 5	Data Driven testing.	using internal data, excel	
Day - 6	Test listeners	Test listeners creation & execution.	

## WEEKLY REPORT

WEEK - 6 (From Dt. 5/8/24 to Dt. 11/8/24.....)

Objective of the Activity Done: Global and local variables

Detailed Report:

Revision of previous classes on global and local variables. classes on global and local variables. Key words, check points. Creation and execution of key words and check points.

Installation & login of git hub, Installation of login of git hub.

Git hub uploading and creation of repositories.

Repository creation & cloning committing on git hub.

Installation and set up of Jenkins Integration in Jenkins.

Installation of set up of Jenkins.

Revision of global and local variables.



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ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Revision of previous classes on global & Local variables.	classes on global and local variables.	
Day - 2	Key words, check points	creation and execution of Key words & check points	
Day - 3	Installation & login of Git hub	Installation & Login of Git-hub	
Day - 4	Git-hub uploading and creation of repositories.	Repository creation & cloning, committing on git hub	
Day - 5	Installation and set up of JENKINS Integration in Jenkins	Installation & Set up of Jenkins	
Day - 6	Revision	Revision.	

## WEEKLY REPORT

WEEK - 4 (From Dt. 12/8/24 to Dt. 20/8/24....)

Objective of the Activity Done: Assign of project work and creation of

Detailed Report: Team members.

Assignment of project work

Understanding and researching on how to do project

Gathering of information and understanding of requirements

Assigning tasks between team members

Assigning tasks between team members

preparation of test cases and test scenarios

preparation of test cases in excel.

preparation of test plan in word, preparation of test plan in word

creation of test cases in katalon, creation of test cases in katalon.

7th  
ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Assign of project work and creation of team members.	Assignment of project work.	
Day - 2	Understanding and researching on how to do project	Gathering of Information & understanding of requirements	
Day - 3	Assigning tasks between team members	Assigning tasks between team members.	
Day - 4	Preparation of test cases and test scenarios	preparation of test cases in excel.	
Day - 5	preparation of test plan in word.	preparation of test plan in word.	
Day - 6	Creation of test cases in Katalon	Creation of test cases in Katalon.	



## WEEKLY REPORT

WEEK - 8 (From Dt. 21/8/24 to Dt. 28/8/24)

Objective of the Activity Done: Creation of test cases in katalon

Detailed Report: creation of test cases in katalon & test cases

Creation of test cases in katalon & test suite

Data Driven test and Test Suites

Data driven test and test listeners.

Verification of project & uploading in Git hub

Verification of project

Verification of project and uploading in Git hub

Verification of project

Verification of project and uploading in Git hub

Verification of project and uploading in Git hub

Verification of project

Verification of project & uploading in Git hub

Verification of project and uploading in Git hub

8th  
ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Creation of test cases in Katalon & test suite	Creation of test cases in Katalon & test suite	
Day - 2	Data Driven test and test listeners	Data driven test and test listeners.	
Day - 3	Verification of project & uploading in Git-hub	Verification of project	
Day - 4	Verification of project & uploading in Git-hub	Verification of project	
Day - 5	Verification of project & uploading in Git-hub	Verification of project	
Day - 6	Verification of project & uploading in Git-hub	Verification of project	