



**TESTER,
QA,
SDET &
TESTING VS QA
EXPLAINED**

WHAT TO EXPECT



- 1 Lets start with Testing vs QA
- 2 Whats common in Tester, QA, SDET ?
- 3 Few Differences
- 4 Other Names to watch out for
- 5 Lets agree !

QA / Quality Assurance



Quality Assurance is a process or set of activities performed in order to meet the expectations of stakeholders as per their requirements.

Process Oriented

Preventive

Testing



Testing is an activity performed with an intent to find/uncover defects

Product Oriented

Corrective

There are several terms used interchangeably

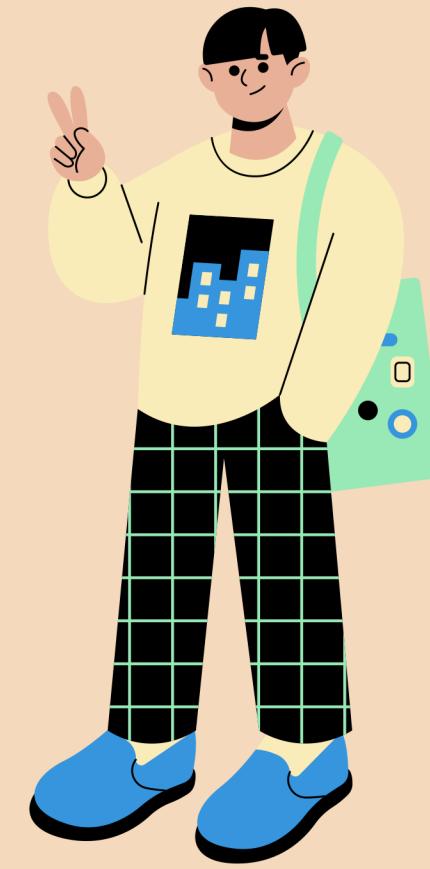


QA Engineer

(quality assurance engineer)



Test Engineer



SDET

(software development engineer in test)

& more

They have a common goal though

QA Engineer

Test Engineer

SDET



However, Lets also understand how the QA Industry views these role

QA Engineer

Focused on overall process of QA starting with design. Has full visibility in the project life cycle

Expected to be involved in full cycle including functional, performance & user acceptance testing*

Also plays the role of Software Tester

Test Engineer

Focused on Testcases & Test execution. Skilled in Techniques of Testing

Usually involved in Functional, Performance Testing Phase*

Usually associated with Manual Testing

SDET

Focused on overall process of QA with techniques involving automation, writing code

May be involved in Unit Testing Phase

Expected to have strong development knowledge

More roles in Software Testing

Test Analyst

More Business focused than technology. Usually a domain expert

Automation Engineer

Speeds up the Testing by implementing automation strategies

Test Manager

Has full visibility of the project & acts as point of escalation

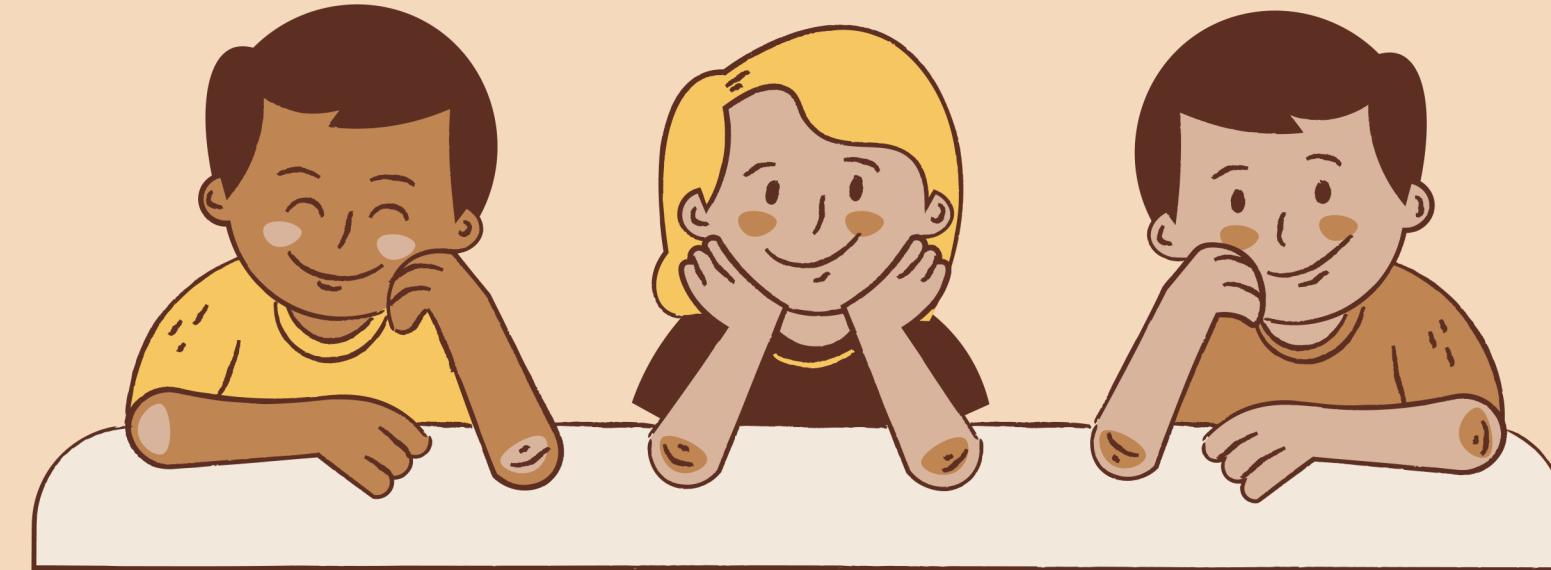
Performance Tester

Maintains focus of testing in Performance of the software/application

Test Lead

Leads a group of QA Engineers to ensure key metrics are attained

QA Engineer



Lets agree using this term for the rest of this course



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See you in Next Video

