Nami- Akash Raj Software Engineering Class-10 Assignment

09 Manday

Listing what is dest osuite?

And Software testing is the process of Verilying a system with the purpose of Identifying any errors, gaps or musing requirement vorsus the actual requirement.

The is broadly categorised into two typesfunctional testing and non-functional lecting. Requirements are Testing must be carried out in a finely manner, it should add value of to the software life cycle, hence it needs to be effective

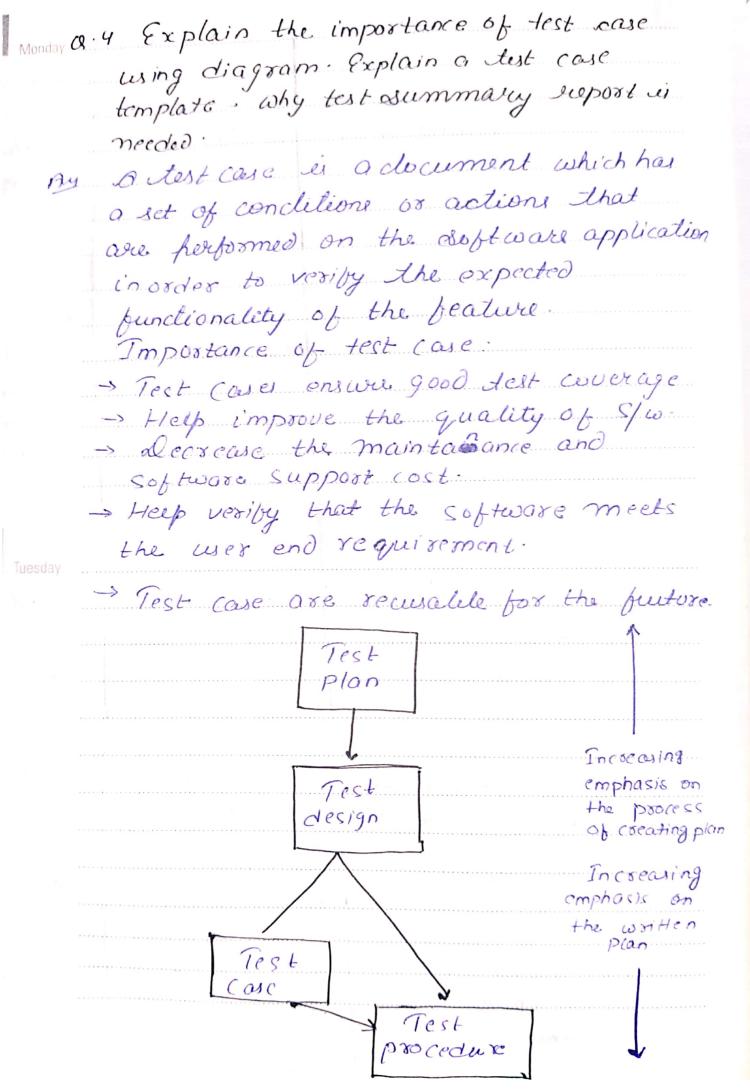
Test suite is a container that has a set of tests which helpse testers in executing and reporting the test execution estatus. It can contain any type of test, functional or Non-functional.

(3710).

Ans 30ftware testing life oycle is a sequence of different activities sequence of different activities feetformed by the testing team to ensure the quality of the asoftware. It is an integral part of Software development life cycle. It provides

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Hiday	Black hose River also know as functional testing, dada- do iven testing, and closed boxed testing.	n It is also known as structural lesting, clear box testing, cocle based testing ctc.	Grey box The also known as translucent testing
3	The approach towards testing includes trial technique and error guessing method	It is proceeded by resilying the system bounds; is and data Domains in the soptions.	It is pocceded by validating data domains and internal system boundries of the software
	It is very difficult to discover hidden errors of the software.	It is dimple to discover hidden errors of the Software.	It is difficult to find hidden errors of the Software.
Sunday	It is not conside- bed for algorithm testing.	It is well Suitable and recommended box algorithm testing	It wis not considered for algorithm testing.
	It is less exchausting than other two	It is most	It is partly exchausting.



Wednesday & test case template in a document con-loing an organized list of test cases for different test scenarios that check whether or not the software has the intended functionality. andded A test report is an organized summary of testing objectives, activities and results. It is cuated and used for to help Stakeholders understand product quality and decide whether a product, freature , or a défect resolution is on track les release. Q.5 Compare functional and non-functional testing. Why regression and sanity testing in required? Mon-functional Functional Testing It resifies the 9. It verifies the behaviour of an operations and actions application. of application. It is closed on 7. It is leased on expodations of requirement of customer.

3. It helps to enhance the behaviour of the application

customes:

It helps to improve performance of the application

10 Friday 4. Auctional testing is manually.

It is hord to execuse manually.

6. It tests what the product does:

& It describe how the product does.

6 It is chosed on business req.

It is clased on performance requirement

Ex: Unit testing, Ex- Postormance testing, smoke testing etc. Coach testing etc.

Regoession testing in coeases our chances of detecting bugs caused ley changes to a software and application - either enhancement or detect fixes. It also detects undesirable side caused by changing the operating system.

Sanity testing is performed to ensure that the code changes that are made we working as property. It is a stoppage to check, whether testing for the build can proceed or not.