Ch-5 Testing Tools

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Date

* manual testing is a testing process that is caused out manually in order to find defects without the usage of automation tools or automation scripting.

* Limitations

- 1) slow and costly
- m Do no scale well
- (m) Not consistent or Repeatable
- Difficult to manage
- * Automation testing is a process of changing any manual test case into test scripts by using automation tools and scripting or programming language

* Benefit of A.T

DFaster Feedback cycle

11) Repeatable

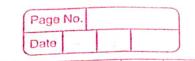
(hi) Reusable

1 Betler Quality software.

MReliable.

Whigh accuracy

(VII) Fast



A Two types of testing tools

Ø Static Test Tools → Coverage analyzers, Flowandyzers

(D) Dynamic Test Tools - Emulator, Test duiver

* Test tools characteristics

Testing tools should be easy to use.

1) Tools should provide complete code coverage and create test documentation in various format .pdf, .html, etc

1 Testing tools should support UUI

based test preparation

(1) Should adopt underlying handware.

* Test automation Frameworks.

- Yuidelines which can be followed to meate test cases

Data priven Automation Framework - test data and test script are separated

which makes it easier to maintain

and update the test data at omy point of time without affecting test scripts.

Keyword Driven Automation Frameworks
 → test logic is divided into Keywords
 and functions

(ii) modulay Automation Framework

rapplication is divided into different modules which can be tested independently.

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(IV)	Hybrid Automation Framework
(10)	more than one framework is used
	to achieve the desired objectives.
	to achieve the abstrea objectives
	Benefits of test automation framework
20	D. Floribility
	D Flexibility D Reduced Manual Interaction
	And the state of t
	1) Efficiency
	DE asy maintenance
	Tools
14	Selenium
	Appium
	Robotium
) wumber
(V)	Apache JMeter
*	Installation Steps [Selenium]
	Download + install latest version Java JDK
(1)	Download+ install latest version of eclipse
(il	While install select Java Eclipse IDE for
	Java Developers' and wick install.
(i)	Download Zip of Selenium and
	Extract it in onev(jar files)
	folder
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