**STRESS TESTING**

NON FUNCTIONAL TESTING

Load

Volume

Stress

Compatibility

User interface

Performance

**STRESS TESTING**

**Stress Testing** is a software testing technique that determines software by testing beyond the limits of normal operation.

Stress testing is particularly important for critical software but is used for all types of software. In Stress testing the availability, and error handling under a heavy load rather than what is correct behavior under normal situations.

  Stress testing is defined as a type of software testing that verifies the stability and reliability of the system.

Stress testing is also known as **Endurance Testing** or **Torture Testing.**

**Type of stress testing**

1.exercise stress test

2.nuclear stress test

3.stress echocardiograms.

**Characteristics of Stress Testing:**

1. Stress testing analysis the behavior of the system after a

failure.

1. Stress testing makes sure that the system recovers after

failure.

1. It checks whether the system works under abnormal

conditions.

1. It ensures to display of appropriate error messages when the

system is under stress.

1. It verifies that unexpected failures do not security

issues.

1. It verifies whether the system has saved the data before

crashing or not.

**Stress testing process:**

OPTIMIZATION

RESULT ANALYSIS

SCRIPT EXECUTION

CREATE AUTOMATION SCRIPT

PLANNING THE STRESS