**SOFTWARE TESTING ASSIGNMENT**

**MODULE-3**

* **What is load testing?**

Load testing helps to determine the behavior of an application when large numbers of users access the application simultaneously. It is a type of performance testing which identifies the maximum operating capacity of an application.  This helps to know whether the existing infrastructure is capable to run the application or not. Load testing is conducted to determine the number of concurrent users that an application can support without deterioration in performance. This testing is usually performed for client/server and web-based application

* **What is stress testing?**

****Stress Testing**** is a type of software testing that verifies stability & reliability of software application. The goal of Stress testing is measuring software on its robustness and error handling capabilities under extremely heavy load conditions and ensuring that software doesn’t crash under crunch situations. It even tests beyond normal operating points and evaluates how software works under extreme conditions.

* **Write a scenario of only whatsapp chat message?**

## **Chat settings test scenario**

1. Verify that the user can set a chat wallpaper.
2. Verify that user set privacy settings like turning on/off last seen, online status, read receipts, etc.
3. Verify that user can update notification settings like – notification sound, on/off, show preview for both group and individual chats.
4. Verify that the user can take the complete chat backup of his chats.
5. Verify that the user can update his phone number that is used by the WhatsApp application.
6. Verify that the user can disable/delete his Whatsapp account.
7. Verify that the user can check data usage by images, audio, video, and documents in WhatsApp chats.

* **When to used Usability testing?**

Usability testing refers to evaluating a product or service by testing it with representative users. Typically, during a test, participants will try to complete typical tasks while observers watch, listen and takes notes.  The goal is to identify any usability problems, collect qualitative and quantitative data and determine the participant's satisfaction with the product.

* What is the procedure of GUI testing?

Graphic User Interface Testing (GUI) testing is the process of ensuring proper functionality of the graphical user interface (GUI) for a specific application. This involves making sure it behaves in accordance with its requirements and works as expected across the range of supported platforms and devices.