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**Course Name: - Software testing (19th May 2022, ST 8:30AM Batch)**

* **Subject: - Module 3 Assignment- Context based testing.**

**Que. 1 - What is Load testing?**

**Ans**. Load testing is a subset of performance testing. Where we test the system response under varying load condition by simulating multiple users accessing the application concurrently.

* This testing usually measures the speed and capacity of the application.
* Whenever we modify the load we monitor the behavior of the system under various conditions.

**Que. 2 - What is stress testing?**

**Ans**. **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.

**Que. 3 – Write a scenario of only WhatsApp chat messages.**

**Ans**. Please find the attached excel file for this.

**Que. 4 – Write a scenario of pen.**

**Ans**. Please find the attached excel file for this.

**Que. 5 – Write a scenario of pen stand.**

**Ans**. Please find the attached excel file for this.

**Que. 6 – Write a scenario of door.**

**Ans**. Please find the attached excel file for this.

**Que. 7 – Write a scenario of ATM.**

**Ans**. Please find the attached excel file for thikyuks.

**Que.8 – When to used usability testing?**

**Ans**. Usability testing also known as user experience testing is a testing method for measuring how easy and user friendly software is. Usability testing mainly focus on user’s ease of using application, flexibility of the application to handle controls and ability of application to meet its objectives. This testing is recommended during the initial design phase of SDLC which gives more visibility on the expectations of the users.

**Que. 9 - What is the procedure for GUI testing?**

**Ans**. GUI testing is a software testing type that checks the graphical user interface of the software. The purpose of GUI testing is to ensure the functionalities of software application work as per specifications by checking screens and controls like menus, buttons, icons, etc. There are main three techniques of GUI testing. 1) Manual based testing, 2) Record and replay, 3) Model based testing.

**Que. 10 – Write a scenario of Microwave Owen.**

**Ans**. Please find the attached excel file for this.

**Que. 11 – Write a scenario of coffee vending machine**

**Ans**. Please find the attached excel file for this.

**Que. 12 – Write a scenario of chair.**

**Ans**. Please find the attached excel file for this.

**Que. 13 – To create scenario (Positive & Negative)**

**Ans.** Please find the attached excel file for this.

1. **Face book chat on Mobile**
2. **Gmail (Receiving mail)**
3. **Online shopping to buy product (Flip kart)**

**Que. 14 – Write a scenario of wrist watch.**

**Ans**. Please find the attached excel file for this.

**Que. 15 – Write a scenario of lift (Elevator).**

**Ans**. Please find the attached excel file for this.

**Que. 16 – Write a scenario of WhatsApp group (generate group).**

**Ans**. Please find the attached excel file for this.

**Que. 17 – Write a scenario of Instagram (Video call with chat).**

**Ans**. Please find the attached excel file for this.

**Que. 18 – Write a scenario of WhatsApp payment.**

**Ans**. Please find the attached excel file for this.