

Module 3 (Context Based Testing)

1. What is load testing?

Ans. Load testing is the process of putting simulated demand on software, an application or website in a way that tests or demonstrates its behaviour under various conditions.

2. What is Stress Testing?

Ans. Stress testing is the process of determining the ability of a computer, network, program or device to maintain a certain level of effectiveness under unfavourable conditions.

3. Write a scenario of only Whatsapp chat messages

Ans. 1. Verify that the user set privacy settings like turning on/off last seen, online status, read receipts, etc.

2. Verify that the user can update notification settings like – notification sound, on/off, show preview for both group and individual chats.

3. Verify that the user can take the complete chat backup of his chats.

4. Verify that the user can update his phone number that is used by the WhatsApp application.

5. Verify that the user can disable/delete his Whatsapp account.

6. Verify that the user can check data usage by images, audio, video, and documents in WhatsApp chats.

7. Verify that the user can set a chat wallpaper.

4. Write a Scenario of Pen

Ans.

Positive	Negative
1. Verify the type of pen, whether it is a ballpoint pen, ink pen, or gel pen.	1. Verify the functioning of a pen at extreme temperatures – much higher and lower than room temperature.
2. Verify that the user is able to write clearly over different types of papers.	2. Verify the functioning of a pen at extreme altitude.
3. Verify if the pen is with a cap or without a cap.	3. Check the functioning of a pen at zero gravity.
4. Verify the colour of the ink of the pen.	4. Verify the effect of oil and other liquids on the text written by a pen.
5. Check the odour of the pen's ink on writing over a surface.	5. Verify if the pen works normally or not when used after immersing in water or any other liquid for some period of time.

5. Write a Scenario of Pen Stand

Ans.

Positive	Negative
1. Pen Stand Very Useful	1. Pen Stand Useful But Sometime Pen stands often occupy the space
2. Pen Stand There are many benefits of a pen stand	2. Pen Stand There are Some Loss Factor
3. Pen Stand Use For Only Pen Stand	3. Don't Use Any Other Thing
4. Verify if the pen can support multiple refills or not.	4. Check the functioning of a pen at zero gravity.
5. Check if the text written by the pen is waterproof or not.	5. Verify the functioning of a pen at extreme altitude.

5. Write a Scenario of Door.

Ans.

Positive	Negative
1. Verify if the door is single door or	1. or bi-folded door
2. Check if the door opens inwards	2. or outwards
3. Verify that colour of the door is as specified	3. Don't Use Any Other Thing
4. Verify if the door is sliding door or rotating door	4. Check the functioning of a pen at zero gravity.
5. Check the type of locks in the door	5. Verify the functioning of a pen at extreme altitude.

6. Write a Scenario of ATM

Ans. 1. Verify the type of ATM machine, if it is completely touch-enabled, with both keypad buttons only or both.

2. Verify that the user is presented with options when the card is inserted correctly.

3. Check that no option to continue and enter credentials is displayed to the user when the card is inserted incorrectly.
4. Verify that the touch of the ATM screen is smooth and operational.
5. Verify that the user is presented with the option to choose a language for further operations.

7. When to use Usability Testing?

Ans. Usability testing refers to **evaluating a product or service by testing it with representative users**.

8. What is the procedure for GUI Testing?

Ans. Manual Testing. This approach involves a human tester, where each screen is manually checked to validate each functionality by creating and executing test cases. Record and Replay Testing. GUI record and replay tools are used to test applications for their user interface. Model-based testing.

9. Write a scenario of Microwave Oven

- Ans.
1. Verify that the dimensions of the oven are as per the specification provided.
 2. Verify that the oven's material is optimal for its use as an oven and as per the specification.
 3. Verify that the oven heats the food at the desired temperature properly.
 4. Verify that the oven heats food at the desired temperature within a specified time duration.
 5. Verify the ovens functioning with maximum attainable temperature.

10. Write a scenario of Coffee vending Machine

- Ans.
1. UI scenario – Verify that the dimension of the coffee machine is as per the specification
 2. Verify that outer body, as well as inner part's material, is as per the specification
 3. Verify that the machine's body colour as well brand is correctly visible and as per specification
 4. Verify the input mechanism for coffee ingredients-milk, water, coffee beans/powder, etc
 5. Verify that the quantity of hot water, milk, coffee powder per serving is correct