Manual Testing Real Time Interview Questions

With answers

Part - 3

By : Jaikishan Mohanty

21.Tell me the difference between Scenario and Use Case and Test Case? Or difference between Scenario and Test Case?

➔ **Scenario** is nothing but how the End User will use the given functionality in real time environment.

➔ While **UseCase** is nothing but the interaction of the end user with that application.

➔ For Example: **ATM Machine**, here the functionality of the ATM machine is to give the money to the end user.

➔ **a.)** Consider a **Scenario** where user wants to give Rs.70 to the Taxi Owner during mid night and he don't have money in his wallet. He goes to ATM Machine and trying to withdraw the money from ATM but ATM can dispense only *Rs. 500* and *Rs.1000* notes. In that case even if the functionality wise ATM machine is working fine but it will not satisfy the end user requirement as it will not solve his purpose due to unavailability of smaller note.

➔ **b.)** Consider another **scenario** where user wants to carry Rs. 1 Lac from one station to another. He goes to ATM center to withdraw the amount and here he gets all the 100 Rs notes. In this case even though functionality wise ATM Machine is working fine but it will not satisfy the end user requirement as he is looking for a Rs. 500 or Rs. 1000 notes so that he can easily carry small number of notes.

➢ **UseCase** here in the give example is User will insert his Debt/Credit Card in the ATM Machine, then he will enter the PIN number , then he will select the type of Account & then he will enter the amount and select yes/no Transactions Slips and finally press enter to perform the complete operation.

➢ **Test Cases** in the above example is to verify the behavior of ATM Machine --
  ○ For valid or Invalid Debit/Credit Card?
  ○ For the Expiry Date > or < or = today's date for the given Debit/Credit Card?
  ○ For Correct/Incorrect PIN, Minimum and Maximum PIN etc.
  ○ For the Amount > Available balance in his Account
  ○ For the Amount < or = Available balance in his account
  ○ For the amount <= 0 etc

22. Which 3 important scenario you will test as manager on calculator before it is going to production?

Scenario is nothing but how the End User will use the given functionality in real time environment. So when end user will take this Calculator for UAT he will test following scenario:

- Whether all the Letters are visible and after pressing specific letter whether the value is getting displayed on the display window. E.g. after pressing "2" button, 2 should display on calculator window.
- Performing Addition/Multiplication/Subtraction & Division on 2 Maximum numbers.
- Whether all the invalid operation is properly handled or not. E.g. divide by zero.

23. Write scenario on Login window? Or How will you test the login functionality of the application or tell me your approach of testing the login functionality of the application?

Scenario on Login Window would be

❖ User tries to perform login by entering Valid Username & Invalid Password.
❖ User tries to perform login by entering Invalid Username and Valid Password.
❖ User tries to perform login by entering Invalid Username and invalid Password.
❖ User tries to perform login by without entering any Username and Password.
❖ User tries to perform login by entering Special Characters for Username and password.
❖ User tries to perform login by entering maximum characters that specified for the username and password fields

24. Tell me the different Scenarios on Chair/Mobile/Mixer etc

So On **Chair** (Assume that it's a Normal Plastic Chair) the scenario would be

- Effect of Environmental condition on this chair as this chair may be used in any environmental condition.
- Reaction of Raw Material of chair on the human body.
- User can also use it for sitting purpose outside home so here we need consider the rough & toughness of this chair.
- User can use it for standing purpose in order to remove the things from the loft so here we need to consider the impact of pressure at a given area on this chair.
- Small kids may play with this chair so here we need to consider the scenario that its corner may harm the kids.

Mixer Scenario :

So on Mixer the scenario would be:

- User may use this Mixer where the available voltage is given specified minimum voltage. So here we need to test the scenario that where this mixture will work fine or not for the given desired low voltage. The same thing is applicable for High Voltage.
- User may use this mixture for a longer period of time on the given voltage range. So effect of induced heat on the material of the mixture.
- User may use this mixture for crushing the very hard material which is not mentioned in the specification. So here we need to test the scenario that what should be the effect of this on the mixture and end user.
- User may use this mixture with wet hand, so here we need to test the scenario that whether it is properly shock proof or not.
- What is user is going to crush the material in the given pot without holding the pot by hand, so here we need to test the scenario whether proper locking system are provided or not. Etc

Mobile Scenario :

- After inserting the SIM whether it is capturing the signal or not.
- What if user is on a call while charging the mobile?
- After dialing the number it should call the same person.
- Based on the selected profile it is behaving or not?
- After plugging the charger pin where it is properly getting charged or not.
- While continuous talking on mobile where it is getting heated or not? Etc.

25. if C= a+b /a-b? What is scenario for this equation?

Scenario for the given equation would be:

➢ Similar Negative value for both a and b, to test the scenario of divide by zero.
➢ Similar Negative and Positive Value for a & b, to test the scenario of infinity.
➢ Any value for a and 0 value for b, to test the scenario of getting result 1.
➢ 0 value for a and any value for b,to test the scenario of getting result -1.
➢ Any two different value for a & b where the value of a>b to test the positive output.
➢ Any two different value for a & b where the value of b>a to the negative output.

Part 4 will be coming soon.

Stay tuned with our channel.

Subscribe for notification. [Mohanty Academy]

Join Telegram for PDF file

https://t.me/Mohanty_Academy

THANK YOU