

## Test QA

1. Difference between Regression and Re-test  
= Regression, that is testing that is done to retest all functionality when there are changes or bug fixes from before, to ensure there is no effect from these improvements. Meanwhile, this re-test is carried out only for re-testing the test cases that failed before.
  2. Difference between exploratory and Ad-hoc testing  
= For exploratory testing, this is done if the tester does not have complete documents about the application so he does his own exploration of the application based on experience, while Ad-hoc testing is done without preparation and test case documents.
  3. Difference between black-box and white-box testing  
= Black box testing is done for functional testing of the application, while white box testing is done on the application code
  4. Difference between smoke and sanity testing  
= smoke testing focuses on testing the main features or only on positive cases, while sanity testing focuses on testing new features or changes to previous features.
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1. Phases of STLC cycle and from which phase testing should start ideally  
= for QA itself, it has participated in the initial stage, namely requirements, but to start testing it starts from the development stage where the QA will make test cases related to the system being built
  2. Phases of SDLC cycle and from which phase testing should be taken into consideration ideally  
= The testing phase, at this stage the QA is already preparing to carry out the testing
  3. Common / Generic API error codes you've come across while testing and what does those means?
  4. You get a developed product for testing and it has so much critical issues that you can't proceed further, which approach you'll take for testing  
= Define, define all problems and determine their priority and discuss with the PM and the dev team
  5. You have to finish testing of a module having 100 Test Cases in a day, how will you approach the testing  
= mapping the test cases according to their features and determine priority
  6. You don't have any documentation or designs or prototype to understand the product, how you'll approach your testing  
=Exploration testing
  7. Have you come across a scenario where you've come across critical / weird system break issues?  
= the system is off, the be and fe are out of sync so data errors when trying to run it, and the effect on other cases when 1 case is tried to be repaired.
  8. Explain bug life cycle  
= QA finds bugs, reports bugs to developers and determines priority, developers fix bugs, qa conducts retest testing, delivers to customers.

## Exercises:

1. Login form and find out issues

Modul	Test Scenario ID	Test Scenario	Test case
Login	TS-01	User login using valid data	The user enters a valid username and password
			The user enters a valid email and password
			Check the username/email is in the database
	TS-02	User login using invalid data	User login using invalid email format
			User login using invalid username format
			User login using invalid password format
			The user does not fill in the email/username and password fields
	TS-03	The user forgot the password and wants to change the password	User click button "Forgetten password"

2. Test scenarios to check login with Facebook or Google
- Facebook test scenario login

Modul	Test Scenario ID	Test Scenario	Test case
Login	TS-01	The user has successfully logged in using valid data	User login with valid email and password
			User login with valid phone number and password
	TS-02	User failed to login using invalid data	User login using invalid email format
			User login using invalid phone number
			User login using invalid password format
			The user does not fill in the email/phone number and

			password fields
	TS-03	The user forgot the password and wants to change the password	User click button "Forgetting password"

3. Travel booking application where first you select flight [Departure - Arrival place & Time], once you select a flight then system checks if you have selected return flight. If so, system asks to choose hotel from same duration. List out major / critical scenarios to check in above flow

Modul	Test Scenario ID	Test Scenario	Test case
Booking ticket	TS-01	The user wants to order a departure ticket	The user chooses the place and time of departure
			The user chooses a return ticket
	TS-02	The user wants to order departure tickets and return tickets	The user chooses the place and time of departure and return time
			Users do not get an offer to choose a hotel
			The user does not choose a hotel
			The user does not select a return ticket

4. Test Scenarios to check only the integration part between Product details screen and cart screen in any e-comm application, i.e., Amazon

Modul	Test Scenario ID	Test Scenario	Test case
Product	TS-01	The user wants to see product details	Check between the product details and the product that was clicked
	TS-02	The user wants to add the product to the basket	Check the name between the product you want and the one in the cart
			Check the number of

			desired intermediate products in the cart
			Check the desired product variation with the cart

5. Test Scenarios to check payment gateway of any application