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Answer to the question no: 01

SL	Module	Type of Testing	Test Cases	Expected Rresult
1	Login Form	Functional	Verify with correct email and Password	Login Successfull
			Verify with incorrect email and incorect password	Login Unsuccessfull
			Verify with correct email and incorrect Password	Login Unsuccessfull
			Verify with incorrect email and correct password	Login Unsuccessfull
			Verify pressing sign in button redirect to correct page	Redirect to the sign in page
			Verify log in button reditect to the correct page	Redirect to the main page
			Verify Sign in button in clickable	Sign in button is clickable
			Verify log in button is clickable	Log in button is clickable
			Verify Eye icon is working properly	Pressing Eye icon show the password

	Verify email validation error message is shown or not	Display Error Message
	Verify the required field with missin data	Display Error Message

Answer to the question no: 02

Test Levels: There are typically four test levels in software testing

Unit Testing: This level involves testing individual units or components of the software in isolation to ensure they function correctly according to specifications.

Integration Testing: Integration testing verifies that individual units/components are combined and tested as a group to ensure they interact correctly and produce the expected results.

System Testing: System testing tests the entire software system as a whole to verify that it meets specified requirements and functions properly in its intended environment.

Acceptance Testing: Acceptance testing evaluates the software's compliance with business requirements and determines whether it is ready for deployment.

Answer to the question no: 03

Field: Numeric text box accepting values in the range of 1 to 100

Invalid	Valid		Invalid
0	1	100	101

Equivalence Partitioning:
Partition 1: Values less than 1 (Invalid)
Partition 2: Values between 1 and 100 (Valid)
Partition 3: Values greater than 100 (Invalid)

Test cases:
Test with a value less than 1 (e.g., 0) - Invalid input
Test with a value within the valid range (e.g., 50) - Valid input
Test with a value greater than 100 (e.g., 101) - Invalid input

Boundary Value Analysis:
Lower Boundary: 1 (minimum valid value)
Upper Boundary: 100 (maximum valid value)
Just below the lower boundary: 0 (invalid)
Just above the upper boundary: 101 (invalid)

Test cases:
Test with the lowest valid value (1) - Valid input
Test with the highest valid value (100) - Valid input
Test with a value just below the lower boundary (0) - Invalid input
Test with a value just above the upper boundary (101) - Invalid input