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Practical No: - 8

Aim: - Write test cases for white box testing.

Lab Outcome: - CSL501.3 Use computer-aided software engineering (CASE) tools.

THEORY : A TEST CASE is a set of actions executed to verify a particular feature or functionality of your software application. A Test Case contains test steps, test data, precondition, post condition developed for specific test scenarios to verify any requirement. The test case includes specific variables or conditions, using which a testing engineer can compare expected and actual results to determine whether a software product is functioning as per the requirements of the customer.

TEST CASES FOR Active Chat Monitoring and suspicious chat detection over internet:

TEST CASE: 01 Admin Login with valid data

TEST CASE: 02 Admin Login with invalid data

Test Case ID	Test Scenario	Test Steps	Test Data	Expected Results	Actual Result	Pass/Fail
TC02	Check admin login with invalid data	1.Go to the website 2.Enter userID 3.Enter password 4.Click submit	userID=Admin123 password=a123	Admin should not login into the website	As expected	Pass

TEST CASE: 03 Chatting interface

Test Case ID	Test Scenario	Test Steps	Test Data	Expected Results	Actual Result	Pass/Fail
TC01	Check admin login with valid data.	1.Go to the website. 2. enter userId 3.Enter password 4.Click submit	userID=Admin123 password=abc123	Admin Should login into the website.	As expected.	Pass

Test Case ID	Test Scenario	Test Steps	Test Data	Expected Results	Actual Result	Pass/Fail
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TC03	“Send” button	Type Text Send text to connected user	Any random input	Texts should be fed in the database for backend computation. They must be sent to the connected user	As Expected	Pass
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TEST CASE: 04 Creating Account

Test Case ID	Test Scenario	Test Steps	Test Data	Expected Results	Actual Result	Pass/Fail
TC04	Test the input values for creating Account in the bank	1.Mandatory fields entered to register as .customer 2.Click on the ‘Submit Form’ button to	1.Enter the Customer details in the desired fields. 2.Check if the data is matching to register the	1.System shall respond/popup if mandatory fields are missing or the data entered is invalid. 2.Customer	As expected	Pass

		submit the form	customer	details should Be Successfully added		
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TEST CASE 05: Suspicious chat detection