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TEST SUITE COLLECTIONS

1) Click on test suite and select on of the test suite.
2) Verify whether we have two test suites or not.
3) Now, Create test suite collection, select new button and click on test suite collection, then give the name as test suite collection 1, then click on OK.
4) Click on add bottons select check boxes of two test suites & click on OK.
5) If you want run the test suite 1 with chrome browser, select and test suite 2 with firefox.
6) Run option you can enable or disable the options.
7) Goto execution information section & select parallel execution mode.
8) Save the test case and click on execute button for execution.
9) Now, test suit 1 will run on chrome and test suite on firefox.
10) Goto log viewer and you can views.
11) Go to report section, you can get the test suite collection report by double clicking.
12) Click on show details, it will get you the details of this execution.

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TEST EXECUTION REPORTS

PROCEDURE

1) Go to the Katalon studio.

2) Pick one of the test case, which is recorded in earlier ~~test~~ session.

3) click on Logviewer, then double click on log viewer.

4) Log viewer page will be opened.

5) Then you can see the run information and number of test cases passed and test cases failed information.

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Name of the Experiment	HOW TO CREATE CHECKPOINTS	Page No. 19
		Date :
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AIM: How to create checkpoints

PROCEDURE:

→ Go to checkpoint

→ Click Right mouse

→ Select new

→ Create checkpoints

→ Name: Checkpointone

→ Type: Excelfile

→ Click Finish

→ Excel sheet will be displayed.

→ Click on edit

→ click browse and select excel sheet from your drive.

→ Sheet name might be 1.

→ check box select first row as a header.

→ Click on OK.

→ click on take snapshot button.

→ you will see all your data from particular sheet.

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→ What data you want to edit for checkpoint you select.

→ You can Create a test case.

→ Go to test case.

→ click on new

→ Create a folder

→ Give folder name checkpoint

→ click on OK.

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Name of the Experiment	MANUAL TESTING	Page No. 21
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		Ex. No. :

AIM: Manual Testing

PROCEDURE:

This experiment helps you write manual Testcases for Login Form as below:

TEST CASE ID	TEST DESCRIPTION	TEST PREREQUISITE	TEST INPUTS	TEST RESULTS
1.	USERNAME	Should proceed with Capital letter followed by small case	Jayshri	Accepted.
2.	USERNAME	Should contain only alphabets	Jay123	Error!
3.	USERNAME	Special characters not allowed	#jay	Error!
4.	USERNAME	should not proceed with digits	123jaydp	Error!
5.	USERNAME	Blankspace & tab not allowed	Cidco aurangabad	Error!
6.	PASSWORD	It should Contain minimum 8 characters	Cidcoabd	Accepted
7.	PASSWORD	Combination of digits and alphabets with Special characters allowed	Cidcobd123#$	Accepted.

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8.	PASSWORD	Should not proceed with special characters	@cidcoabd	Error
9.	PASSWORD	One digit and one alphabet is Compulsory	cidcoabd 123# $	Accepted.
10.	PASSWORD	Should not exceed 16 characters	Ac3y$j2H$%1 @OKle$S	Error
11.	PASSWORD SUBMIT	click once to login	Single click	Accepted.
12.	SUBMIT	Double click, no action will be	Double click	No action
13.	SUBMIT	Moving the cursor towards the button, it gets highlighted	Move the cursor on button	Button highlighted
14.	CANCEL	Single click, Login gets Cancelled	Single click	Cancelled
15.	CANCEL	Double click, no action will be Performed	Double click	No action
16.	CANCEL	Moving the cursor on button, highlights it	Move the cursor on button	highlighted

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Name of the Experiment	CREATE A DEFAULT CHECK ON A DATABASE USING ODBC OR MICROSOFT QUERY	Page No. 23
		Date :
		Ex. No. :

AIM: To Create a default check on a Database using ODBC or Microsoft Query:

PROCEDURE:

1) Choose 'insert > Database Checkpoint > Default check & click the Default Database checkpoint button on the user toolbar. If you are recording in Analog mode, press the CHECK DATABASE (DEFAULT) SoftKey in order to avoid extraneous mouse movements. Note that you can press the CHECK DATABASE (DEFAULT) SoftKey in Context Sensitive mode as well.

2) If Microsoft Query is installed and you can creating a new query, an instruction screen opens for creating a query.

If you do not want to see this message next time you create a default database checkpoint, clear the Show this message next time check box.

Click OK to close the instruction screen.

If Microsoft Query is not installed, the Database checkpoint wizard opens to a screen where you can define

the ODBC query manually. For additional information, see "Setting ODBC(Microsoft Query) options".

3) Define a query, Create a query, & specify an SQL statement. For additional information, see "Creating a Query in ODBC/Microsoft Query" & "Specifying an SQL statement".

4) WinRunner takes several steps seconds to capture the database query and restore the WinRunner window. WinRunner Captures the data specified by the query and stores it in the test's exp folder.

WinRunner Creates the mrsqpi*.sql query file and stores it and the database checklist in the test's checklist folder. A database checkpoint is inserted in the test script as a db_check statement.

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Name of the Experiment	CREATE A DEFAULT CHECK ON A DATABASE USING DATA JUNCTION	Page No. 25
		Date :
		Ex. No. :

AIM: To create a default check on a database using Data junction

PROCEDURE:

1) Choose Insert > Database checkpoint > Default check or click the Default Database Checkpoints button on the User toolbar. If you are recording in Analog mode, press the CHECK DATABASE (DEFAULT) softkey in order to avoid extraneous mouse movements. Note that you can press the CHECK DATABASE (DEFAULT) softkey in Context sensitive mode as well. For information on working with the Database checkpoint wizard, see "Working with the Database checkpoint Wizard".

2) An instructor screen opens for creating a query. If you do not want to see this message next time you create a default database checkpoint, clear the Show this message next time check box.

Click OK to close the instruction screen.

3) Create a new conversation file or use an existing file. For additional information, see "Creating a Conversation File in Data Junction".

4) WinRunner takes several seconds to capture the database query and restore the WinRunner Windows. WinRunner captures the data specified by the query and stores it in the test's exp folder.

WinRunner creates the *.djs conversion file and stores it in the checklist in the test's checklist folder.

A database checkpoint is inserted in the test script as a db_check statement.

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Name of the Experiment	WINDOWS CALCULATOR	Page No. 27
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Windows Calculator is a standard default Windows Application (calc.exe) under the folder

C:\Windows\System32

The Calculator application has many types:

- Standard
- Scientific
- Graphing
- Programmer
- Data Calculation

Standard Calculator is limited to simple mathematical calculations. Scientific Calculator is advanced with trigonometric, logarithmic functions etc. Let's stick to Standard Windows Calculator.

The Standard windows calculator UI on Windows 10 operating system.

Functional Test cases

Identify the main Actor and the main functionality of the application in-order to document the test cases. There are the functions that needs to be tested along during

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the test execution cycle.

Application Launch

Test Case Scenario	Detailed Steps	Test Environment & Data	Expected Results	Actual result
Verify Calculator Application Launch	To verify that the Calculator application is launched successfully for use. Click on the start menu icon and choose calculator. OR Open run Command Prompt Type calc.exe Hit Enter button	Windows 10	Calculator should be launched successfully.	

If this test fails, its a show stopper P1 defect.

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Basic Functionality Test Cases

There are the basic application test cases for the calculator. Button press, Clear Screen, Memory Store, Memory Read, Memory Remove Command History etc.

Test case Scenario	Detailed Steps	Test Data	Expected Result	Actual Result
Verify Button Press.	To verify that the Calculator application buttons are working as expected → Launch Calculator application. → Press any button → Watch the Calculator screen	Press 9 button	Should display 9 on the Calculator screen.	

Core Mathematical Functions Test Cases

Test the core mathematical functions like add, subtract, multiply, divide etc.

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Name of the Experiment	DATA DRIVEN TESTING	Page No. 30
		Date :
		Ex. No. :

EXPERIMENT:

a) Data Driven test for dynamic test data submission.

b) Data Driven test through Flat files.

c) Data Driven test through Front grids.

d) Data Driven test through Excel test.

PROCEDURE:

1) Create new project, file → new → project.

2) Give project name as web Automation, click on OK

3) click on Record web option.

4) Provide URL https://thetestingworld.com/testings

5) Going for Recording.

6) Fill all the details.

7) Stop recording, click on OK.

8) store objects in object Repository. click on OK.

9) Give test case name: TC_001

10) click on OK.

11) Double click on test case TC_001.

12) Test case recorded and displayed.

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13) Click on Run for execution of test case.

14) As of now test case is created I want to execute some test case with multiple data.

15) Create data files.

16) Click on data file → new - TestData.

17) Pick data from Excel.

Username	Email
User 1	email1 @gmail.com
User 2	email2 @gmail.com
user 3	email3 @gmail.com
user 4	email4 @ gmail.com

18) Save this excel file in your local drive with name as TestData1.xlsx.

19) I want to use the data in my test case.

20) Create data file → new → Test data.

21) Give name as ExcelData.

22) Recording data from excel, click on OK.

23) Click on Browse, select the file from local drive TestData1.xlsx.

24) Use from sheet 1, save, Define Variable

25) Goto test case again TC_001.

26) We do not want to write text directly

27) Go to Variable, click on add. Create two Variables

28) User 1 and email, save it.

29) Going to the test case by clicking on manual.

30) Double click on Variable

31) Select Value type is Variable and Value user.

click on OK.

32) Double click on email from test case.

33) Select Value type Variable and Value email,

click on OK.

34) Select test suite → new

35) Test suite name RegressionmultiData.

click on OK.

36) In the test suite, I will add my test case,

click on add.

37) Mark checkbox of test case with multiple data.

38) I want to execute the test case with multiple data.

39) Click on show data binding

40) click on add

41) Select exceldata and click on OK.

42) User and email default as data column.

43) Select test data as Datafile / exceldata and click on OK.

44) Select Value as username and password. click on OK.

45) click on save, execute the test data.

46) Normal test case is executed with four different data.