AUTOMATION TESTING

Project report submitted in partial fulfillment of the requirement for the degree of

BACHELOR OF TECHNOLOGY

IN

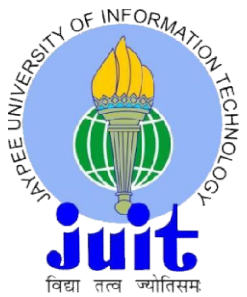
ELECTRONICS AND COMMUNICATION ENGINEERING

By

Prashant Jaiswal (171048)

UNDER THE GUIDANCE OF

Cognizant



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT May, 2021

TABLE OF CONTENTS

DECLARATIONPROJECTREPORTUNDERTAKING ii

ACKNOWLEDGEMENT iii

LIST OF ACRONYMSANDABBREVIATIONS iv

LISTOFFIGURES v

ABSTRACT vii

CHAPTER-1:INTRODUCTION 1

Software DevelopmentLifecycle 1

CHAPTER-6:DATASOURCE 5

CHAPTER-3: FNCTIONAL TESTING. 8

CHAPTER-4: CODES 12

CHAPTER-5: CONCLUSION 27

CHAPTER-6:REFERENCES 29

LIST OF FIGURES

FIGURE1- LEARNING PATH

FIGURE2- WATERFALL MODEL

FIGURE 3 – V-MODEL

FIGURE 4- SOFTWARE TESTING LIFE CYCLE

DECLARATION

I hereby declare that the work reported in the B.Tech Project Report entitled **"Automation Testing- HC Facets with UFT"** submitted at **Jaypee University of Information Technology, Waknaghat, India** is an authentic record of my work carried out under the supervision of Cognizant**.** I have not submitted this work elsewhere for any other degree or diploma.

Prashant Jaiswal
171048

This is to certify that the above statement made by the candidate is correct to the best of my knowledge.

Cognizant

Date:20/05/2021

Head of the Department/ProjectCoordinator

Dr. Rajiv Kumar, JUIT
Supervisor

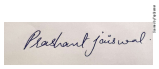
Project Report Undertaking

I **Mr.** /Ms. Prashant Jaiswal, Roll No. 171048, Branch ECE is doing my internship with Cognizant from 27 February 2021 to 11 June 2021.

As per the procedure I have to submit my project report to the university related to my work that I have done during this internship.

Ihavecompiledmyprojectreport.ButduetoCOVID-19situationmyprojectmentorinthecompany is not able to sign my projectreport.

So, I hereby declare that the project report is fully designed/developed by me and no part of the work is borrowed or purchased from any agency. And I'll produce a certificate/document of my internship completion with the company to TnP Cell whenever COVID-19 situation gets normal.



Name-Prashant Jaiswal
Roll No-171048

ACKNOWLEDGEMENT

Our success of completion of our project required guidance from many individual and assistance from many people and we are extremely privileged to have have got this all along the
completion of this project.We would like to express our special thanks of gratitude to our coordinator Dr. Rajiv Kumar ashis immense knowledge, profound experience and professional expertise in Data Quality Controlhas enabled me to complete this project successfully. Without his support and guidance, thisproject would not have been possible. I could not have imagined having a better supervisor in mystudy.who gave us the golden opportunity to do this wonderful project on the topic “Automation Testing”. We are also thankful to H.O.D Sir Dr. Rajiv Kumar whogave us moral support.

ABSTRACT

Micro Focus UFT One is instrument that utilizes computerize tests to discover issues of a test application. Unified Functional Testing (UFT) is an abbreviation for "Bound together Functional Testing." It was recently known as QTP (Quick Test Professional). Gen C learning program engages young talents with a comprehensive learning pathway, giving the millennials an opportunity to interact with Subject Matter Experts (SME), understand the corporate environment, and groom themselves Cognizant emphasizes on Learner Autonomy where students take charge of their own learning, with the available tools and resources. More focus is on“learning” than “teaching

Today,UFTisperhapsthemostgenerallyusedbusinessmechanizedtestingarrangementsaccessibl e. It's notable for its effortlessness of utilization and merchant support, just as a major local area of mechanization specialists. Accordingly, qualified UFT experts have consistently beenpopular.

Figure1-learning path

WEEK 1

- Basics ofAutomationconcepts
- Quizes& CodingChallenges

WEEK 2

- DataSource(SQL,XML,JSON)
- Quizes CodingChallenges
- VBScriptProgrammingQuizes&Coding

WEEK 3

- VBScriptProgramming
- Quizes&CodingChallenges

WEEK 4 TO 7

- UFTAutomation
- Quizes& CodingChallenges
- ProjectDeliverables
- ICT (Integrated CapabilityTest)

WEEK 8 & 9

- Health CareFacets
- ProjectDeliverables

CHAPTER 1
INTRODUCTION

FunctionalTesting Fundamentals

The Life Cycle for Software Development (SDLC) is an interaction for programming plan, improvement and testing. The SDLC offers top notch items that fulfill customer necessities and are finished on schedule and on time. The SDLC is a strategy for a product project inside a product firm. It is a finished strategy to show how explicit programming might be assembled, overseen, refreshed and improved. The existence cycle is a method for improving the nature of programming and the improvement process.

What is SDLCModel?

A framework containing the method sports and the tasks worried in the trends, operations and preservation of a software undertaking spanning the life of the system from the definition of its necessities to the termination of its use.
For item designers needing to assemble the best engineering for another item, SRS is an asset. In a DDS– Specification of the plan report, various options in contrast to the idea recommended are typically given and systematized by the standards set out in the SRS.
All key partners evaluate this DDS and select an item plan procedure dependent on a few highlights, for example, hazard the executives, item steadiness, plan adaptability, spending plan and timescales.

- **WaterfallModel:**

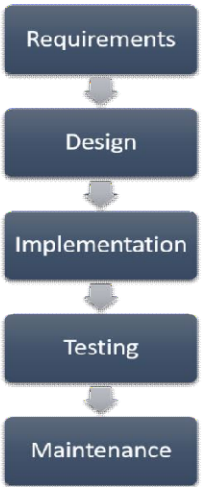
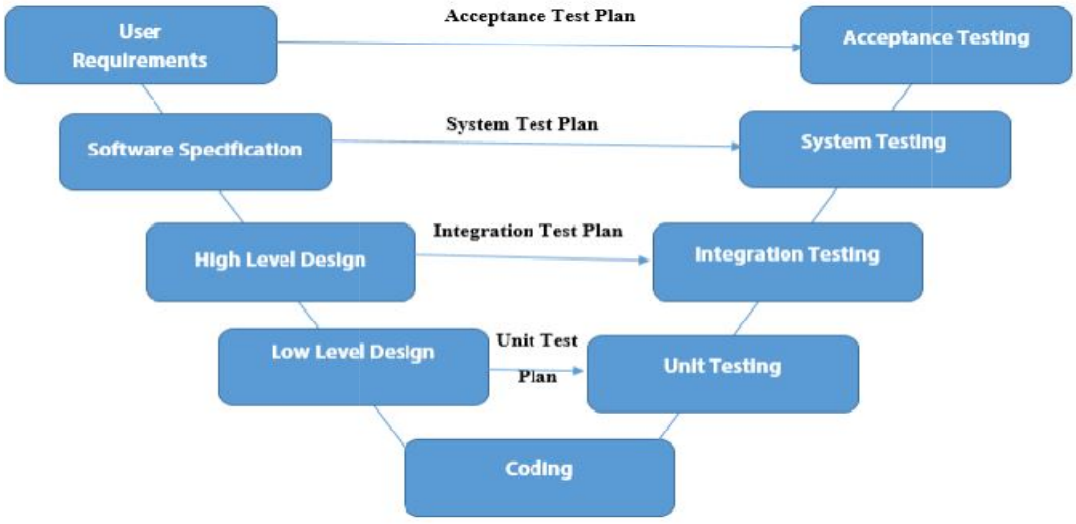


Figure2-Waterfall Model



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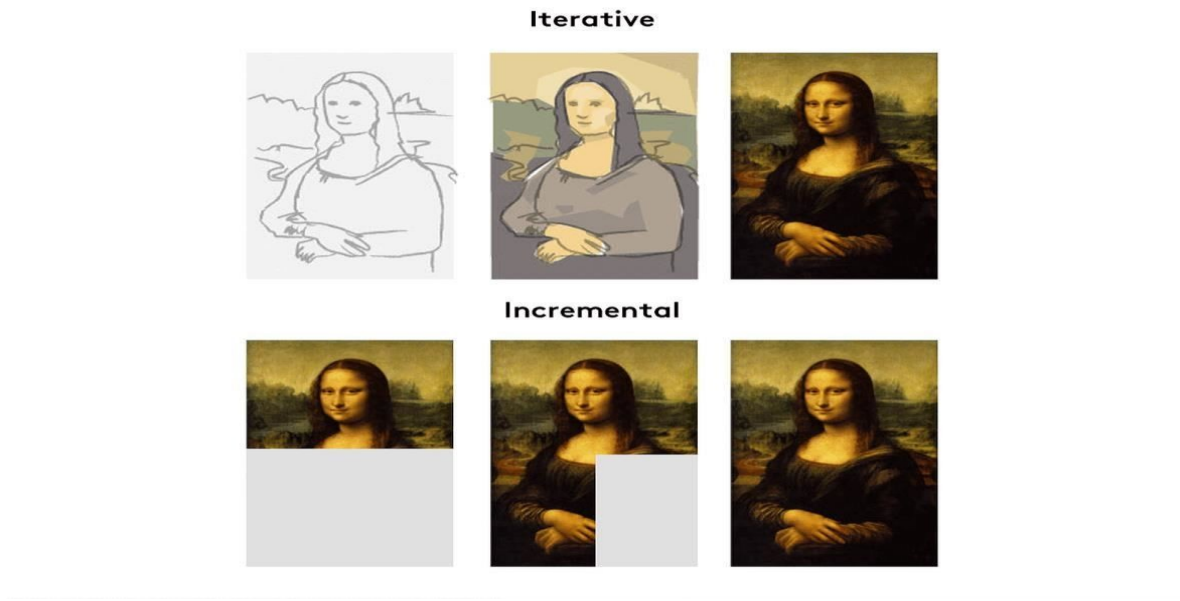


Figure3- Iterative and Incremental developmentModel:

AgileModel:

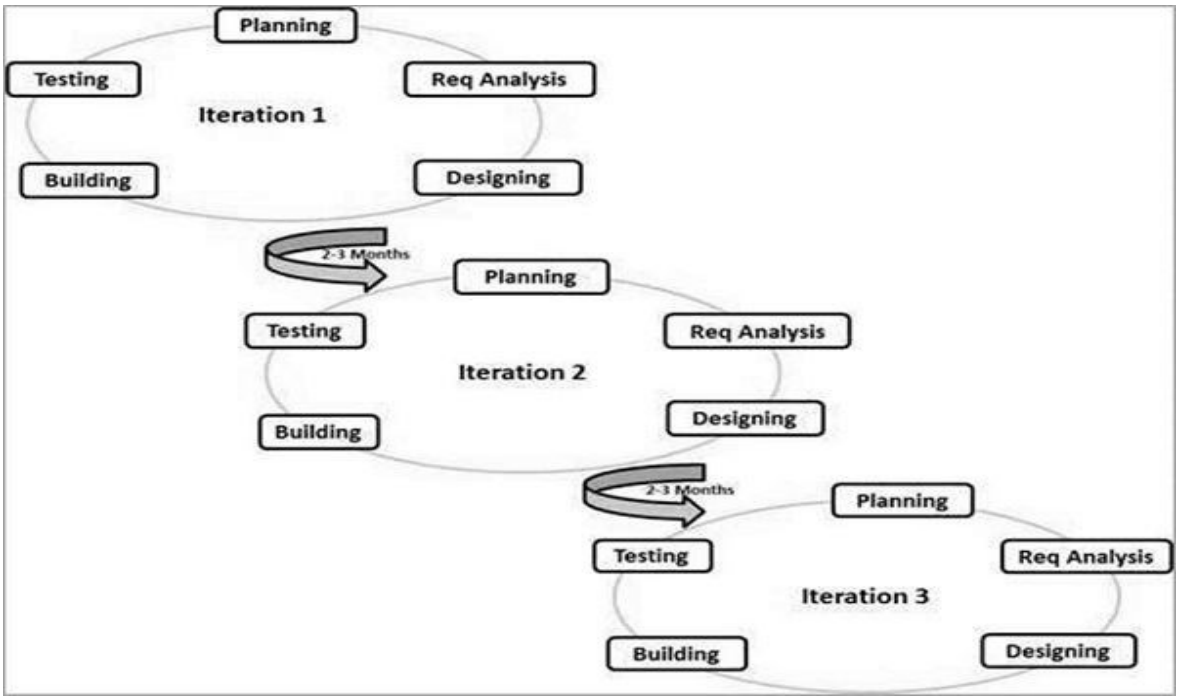


Figure4- Software testing life cycle

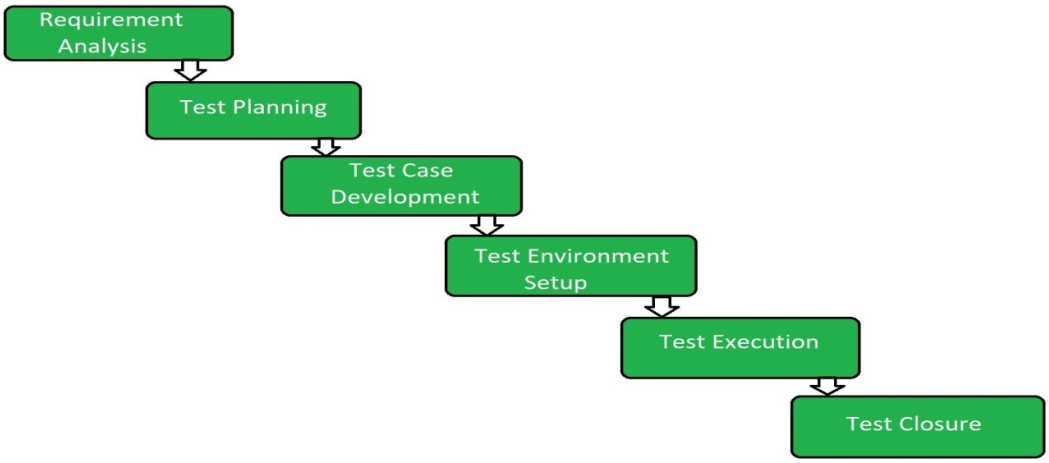


Figure5-STLC (Software Testing Life Cycle)

CHAPTER 2

Data Source (SQL + XML + JSON)

Before the engineer gets the work things for improvement, like the Requirements determination, Designs, and User Stories, they ought to be checked. Perceiving any vulnerability or clashing prerequisites now saves a ton of time during advancement and testing. Before the code incorporates/is prepared for testing, it goes through static examination (audits, walk-throughs, assessments, etc).
Confirmation is the term for this kind of assessment. During the advancement period of any work item, it is the way toward investigating the item.

To verify requirements:

This objective exhibits that perhaps the main parts of testing is to fulfill the needs of the customer. One of the objectives of programming testing is to keep away from issues right off the bat in the advancementinteraction.Thecostandexertionofidentifyingissuesearlysetsasideagreatdealofcash andtime.Imperfectionanticipationinvolvesdoingamaindriverofrecentlyfoundissuesandafterward findingawayexplicitwaystostayawayfromcomparativeblundersfromhappening lateron.Powerful testing helps in the making of a blunder free item. At the point when flaws are forestalled, the general imperfection include in the item is decreased, bringing about a greater item for thepurchaser.

Planning

Examination of necessities is the most huge and principal phase of the SDLC. It is finished by the top individuals from the group with client criticism, outreach groups, market studies and experts from the business. These information are then used to characterize the center venture plan and complete item research drives in the financial, business and innovative fields.

DefiningRequirements

The requests of the item should be fittingly determined, recorded and approved by the client or venture supervisors following the necessity examination. This is accomplished by utilizing a SRS (Software Requirement Specifications) record that incorporates all venture results to be set up and created through the entire task life cycle.

Designing the ProductArchitecture

For item designers needing to assemble the best engineering for another item, SRS is an asset. In a DDS – Specification of the plan report, various options in contrast to the idea recommended are typically given and systematized by the standards set out in the SRS.

Analyzers look at the item and guarantee that the entirety of the specified guidelines are met. Planning eachexperiments,regardlessoftestingapproach,ensuresthateachperformedexperimentispracticall y confirmed. A necessity detectability network (RTM) ought to likewise be made by theanalyzer

to ensure that all experiments are planned to prerequisites. RTM is a useful asset for guaranteeing that experiments cover the entirety of the prerequisites.

To validate the test object:

Testing ensures the execution of necessities just as the confirmation that they work as expected by clients. Approval is the term for this sort of testing. It is the way toward assessing an item after it has been created. Approval may be done physically or consequently. It as often as possible uses an assortment of testing draws near, like Black Box, White Box, etc. Approval is frequently performed by analyzers, despite the fact that clients can likewise approve the item as a component of User adequacy testing. The buyer is viewed as the lord in any firm.

To build confidence:

Improvedprogrammingqualityisquitepossiblythemainobjectivesofprogrammingtesting.Therear e lessdefectsinexcellentprogramming.Toputitanotherway,themorecompellingthetestinginteractio n is, the lessblameswillbe foundinthe lastyield.Thus,thegeneralnatureofthetestthingwillimprove. Magnificent quality prompts higher consumer loyalty and less upkeepcosts.

To prevent defects:

One of the objectives of programming testing is to keep away from issues right off the bat in the advancementinteraction.Thecostandexertionofidentifyingissuesearlysetsasideagreatdealofcash andtime.Imperfectionanticipationinvolvesdoingamaindriverofrecentlyfoundissuesandafterward findingawayexplicitwaystostayawayfromcomparativeblundersfromhappening lateron.Powerful testing helps in the making of a blunder free item. At the point when flaws are forestalled, the general imperfection include in the item is decreased, bringing about a greater item for thepurchaser.

To find defects in product:

Another significant objective of programming testing is to discover all imperfections in an item. The objective of testing is to uncover however many imperfections as could be expected under the circumstances in a product item while likewise guaranteeing that the application addresses the client's issues. Deformities ought to be found as right on time as practical in the testing cycle.

To share information to stakeholders:

SQL DATATYPES

Numericdatatypes
-INT
-FLOAT(M,D)
-DECIMAL(M,D)

Date and timedatatypes
-DATE
-DATETIME
-TIME
-YEAR

Joins

-join allow to retrieve data from multiple tables in a single select statement.
-Tojointwotablesthereneedstobearelatedcolumnbetweenthem. Types-
Innerjoin-Itwillretrievedataonlywhenthereismatchingvaluesinbothtables. Leftjoin-
Itwillretrievealldatafromthelefttableandmatchingrowsfromtheright table.
Rightjoin-Itwillretrievealldatafromtherighttableandmatchingrowsfromtheleft table.

Normalization

Levels-

1. 1st normal form(1NF)
2. 2ndnormalform(2NF)
3. 3rdnormalform(3NF)

Relationships

Tables are related through primary key and foreign key.

Types-

1. One to onerelationship
2. One to manyrelationship
3. Many to manyrelationship

Constraints

1. Notnull-Acolumncan'tcontainanynullvalues.
2. Unique-Acolumncan'tcontainanyduplicatevaluesofdata.
3. PrimaryKey-Acolumnthatuniquelyidentifyeachrowofdata.
4. ForeignKey-Acolumnwhichisrelatedtoaprimarykeyinanothertable.
5. Check-Controlthevaluesthatcanbeinsertedintoacolumn
6. Default-Ifnovalueisinsertedintoacolumn,wecansetadefaultvalue.

Aggregate Functions

Perform a calculations on data within a column and returns one result.

Types-

1. COUNT
2. SUM
3. MAX ANDMIN
4. AVERAGE

CHAPTER 3

FUNCTIONALTESTING

It is a kind of programming testing where the product framework is approved against the useful determination or necessities. Practical tests are utilized to approve the yield of a product program by giving sufficient information and contrasting it with the useful prerequisites.

Objective of this testing

- Fundamental Usability: It involves essential convenience testing of theframework

Mainline Functionality: It involves testing the essential elements of an application. It assiststhe analyzer with finding if a client could peruse across the screens absolutely or with noissue.

- Accessibility: It affirms that the framework is effectively open to theclient.
- Error Conditions: Error conditions are checked utilizing testing strategies. It inspects ifthe fitting blunder messages areintro

NON-FUNCTIONAL TESTING

It is a sort of programming test that explores the non-useful components of a product program (execution, ease of use, constancy, etc).

Destinations of this testing

- Nonfunctional testing should assist with improving the program convenience, effectiveness, practicality, and conveyability.
- Assists in bringing down a danger or cost of non-useful pieces of the item all through creation.

- Improve the technique wherein the item is downloaded, designed, run and kept up

- Gain a superior comprehension of how items act and what innovations are being used.

Qualities of Non-practical testing

- This testing should be quantitative, hence emotional qualities like great, better, best, etc should not be utilized.
- Exact figures are probably not going to be found at the start of the prerequisite interaction.

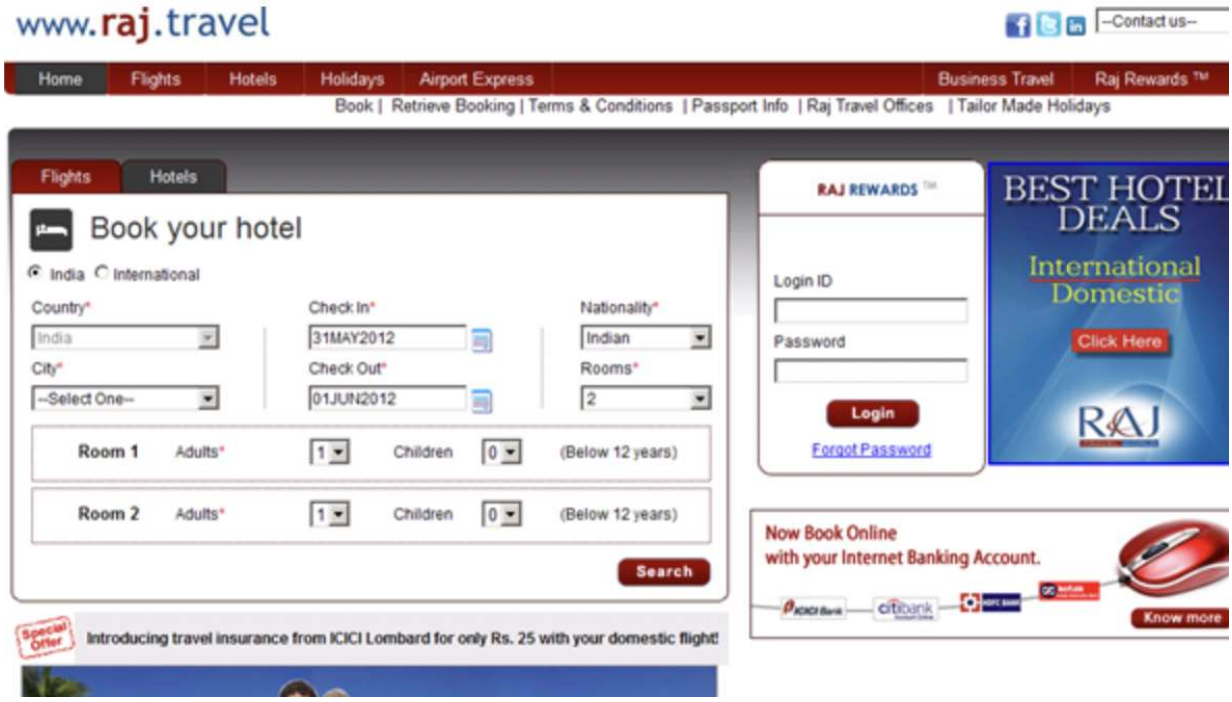
- Prioritizing every single need is basic.

- Ascertain that quality ascribes are precisely perceived in Software Engineering.

1.6.2 Black Box Testing

BlackBox Testing is an assessing programming strategy which incorporates testing programming applications functionalities without understanding the code structure, execution subtleties or inner pathways. Discovery Testing is a kind of programming testing which centers around programming items yields and inputs and is completely determined by programming details. Another name for it is social trying.

	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1.1	To Verify Radio Buttons	TS-1	1.1													
		TS-1	1.2													
		TS-1	1.3													
		TS-1	1.4													
		TS-1	1.5	bug1.1												
1.2	To Verify Required Fields	TS-2	2.1													
		TS-2	2.2													
		TS-2	2.3	bug1.2												
1.3	To Verify Room Values	TS-3	3.1													
		TS-3	3.2													
1.4	To Verify Location	TS-4	4.1													
		TS-4	4.2													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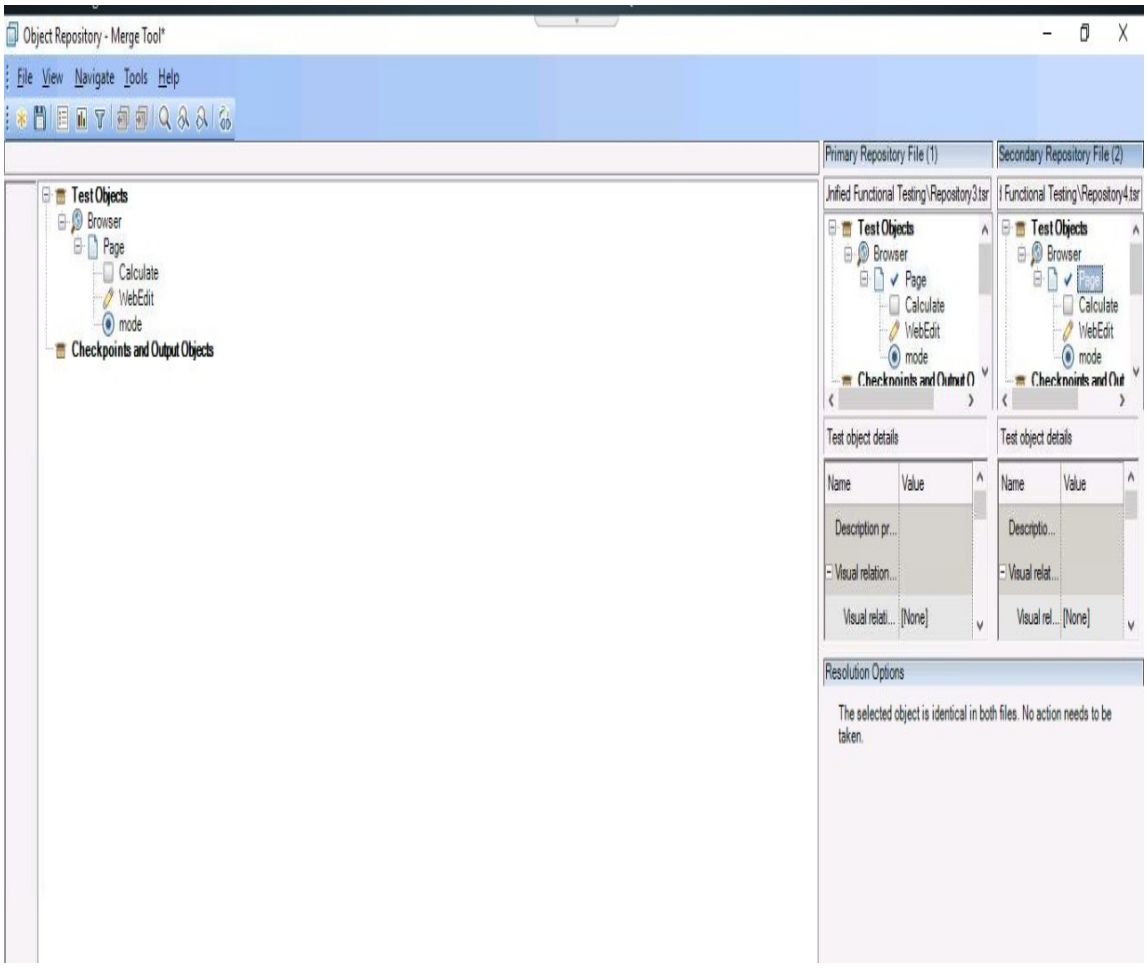
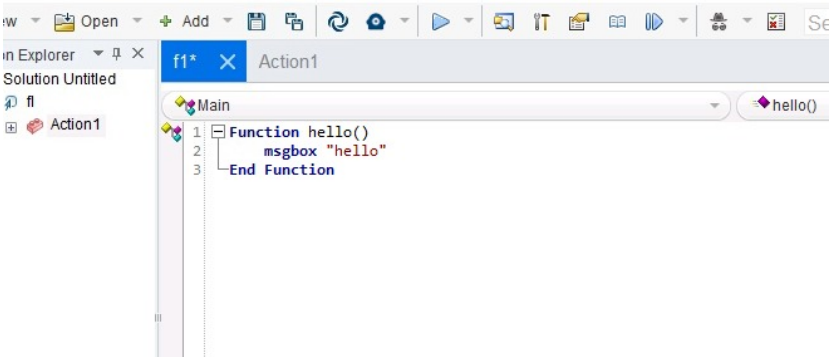
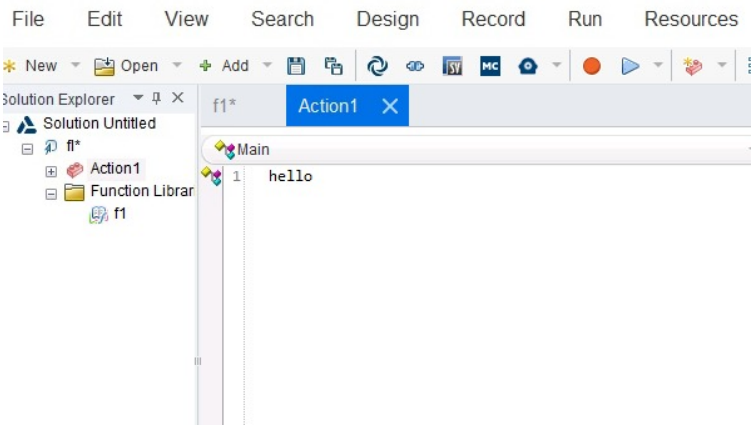
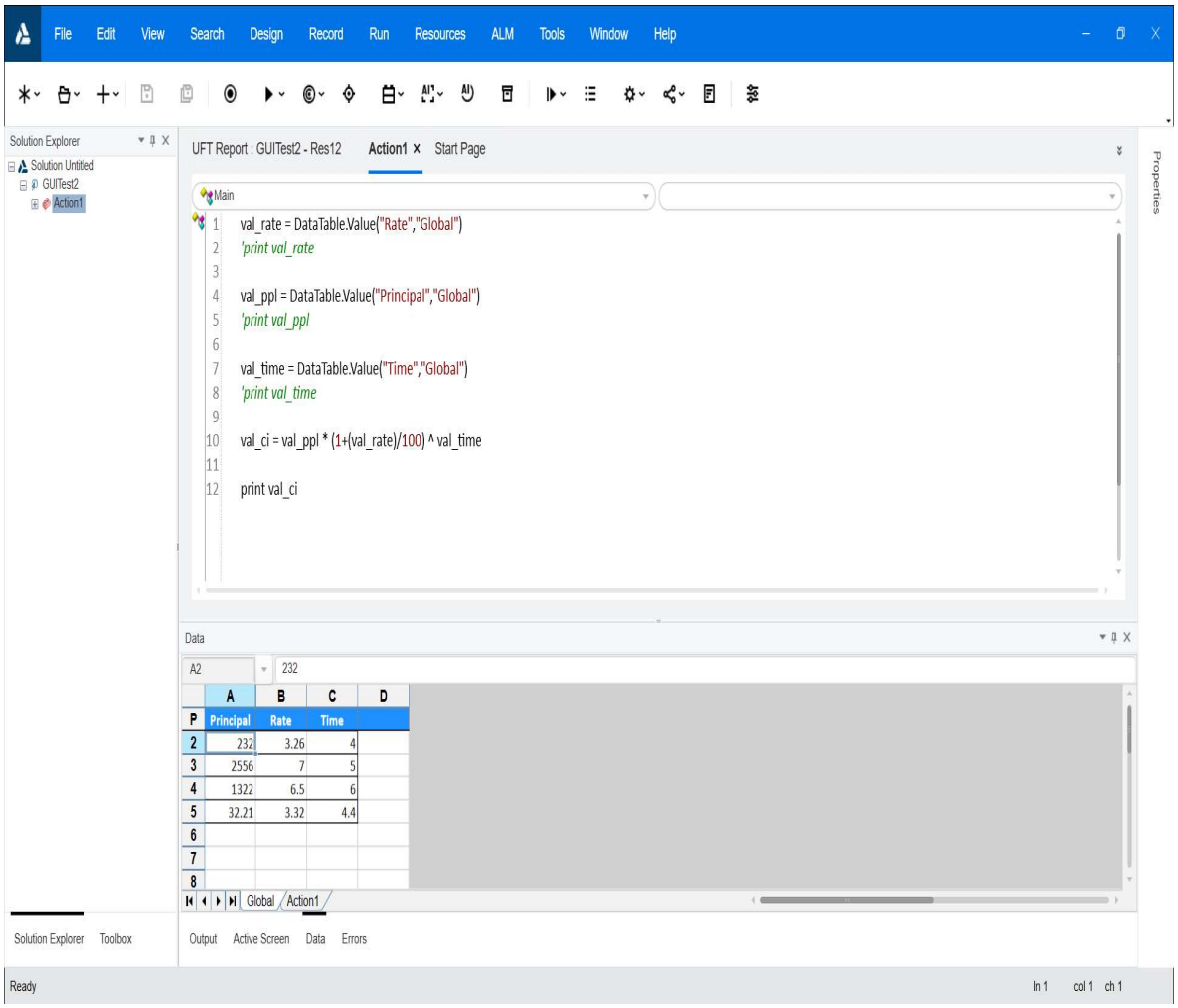
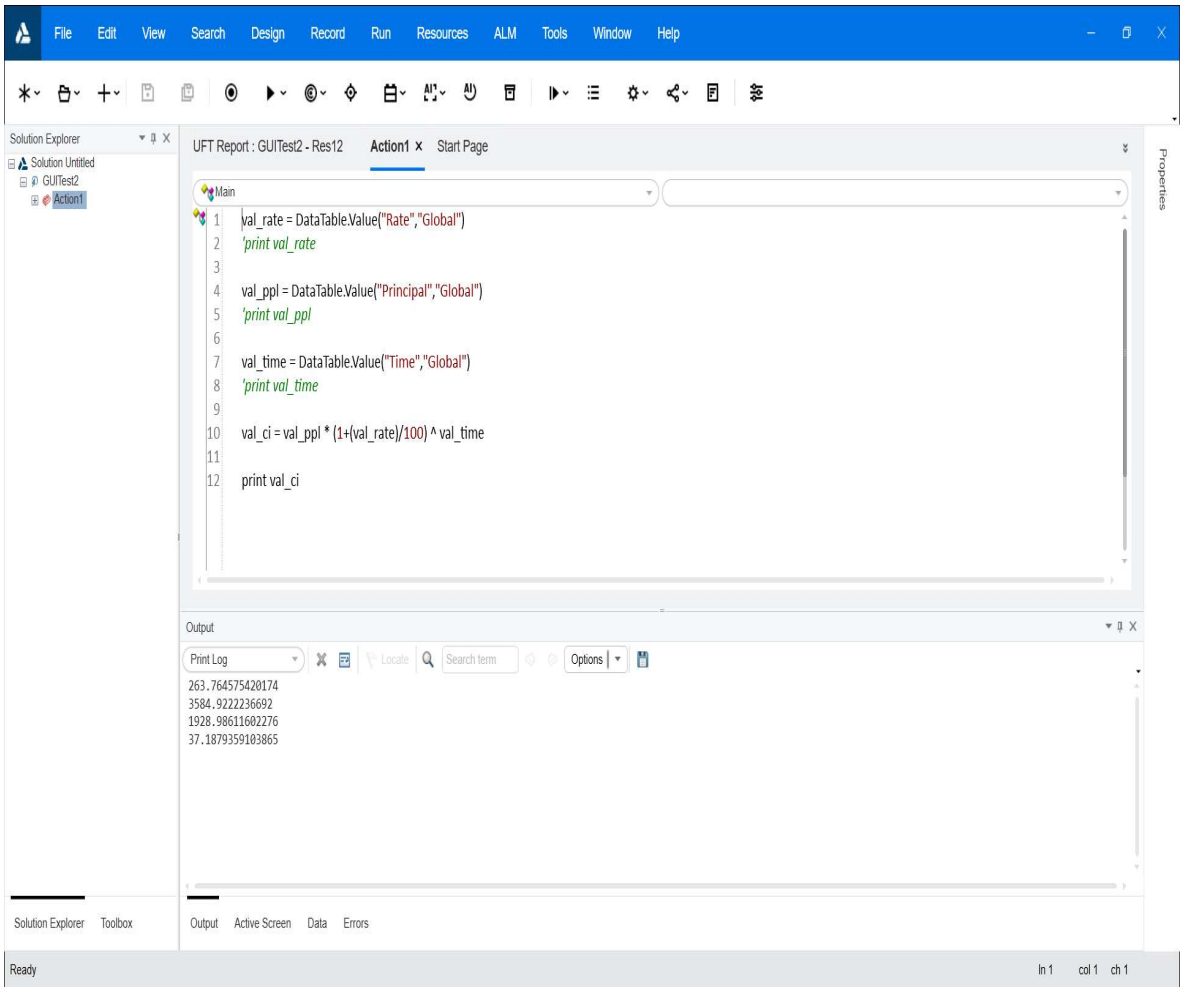
Flights
Hotels
Book your hotel
India
International
Country*
India
Check In*
31MAY2012
Nationality*
Indian
City*
--Select One--
Check Out*
01JUN2012
Rooms*
2
Room 1
Adults*
1
Children
0
(Below 12 years)
Room 2
Adults*
1
Children
0
(Below 12 years)
Search
RAJ REWARDS ™
Login ID
Password
Login
Forgot Password
BEST HOTEL DEALS
International
Domestic
Click Here
RAJ
Now Book Online
with your Internet Banking Account.
Know more
Special Offer
Introducing travel insurance from ICICI Lombard for only Rs. 25 with your domestic flight!


Object Repository - Merge Tool*
File View Navigate Tools Help
Test Objects
Browser
Page
Calculate
WebEdit
mode
Checkpoints and Output Objects
Primary Repository File (1)
Secondary Repository File (2)
Test object details
Name
Value
Resolution Options
The selected object is identical in both files. No action needs to be taken.


Open
Add
Solution Untitled
fl
Action1
f1*
Action1
Main
hello()
Function hello()
msgbox "hello"
End Function

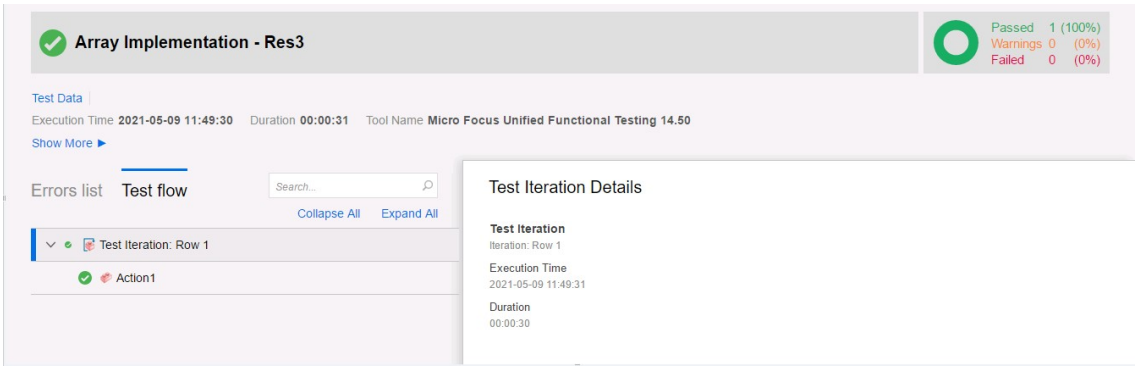

File
Edit
View
Search
Design
Record
Run
Resources
New
Open
Add
Solution Untitled
fl*
Action1
Function Librar
f1
f1*
Action1
Main
hello

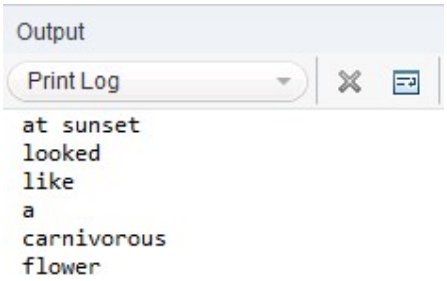

File Edit View Search Design Record Run Resources ALM Tools Window Help
Solution Explorer
Solution Untitled
GUITest2
Action1
UFT Report : GUITest2 - Res12
Action1 x
Start Page
Main
1 val_rate = DataTable.Value("Rate","Global")
2 'print val_rate
3
4 val_ppl = DataTable.Value("Principal","Global")
5 'print val_ppl
6
7 val_time = DataTable.Value("Time","Global")
8 'print val_time
9
10 val_ci = val_ppl * (1+(val_rate)/100) ^ val_time
11
12 print val_ci
Properties
Data
A2
232
A B C D
P Principal Rate Time
2 232 3.26 4
3 2556 7 5
4 1322 6.5 6
5 32.21 3.32 4.4
6
7
8
Global Action1
Solution Explorer Toolbox
Output Active Screen Data Errors
Ready
ln 1 col 1 ch 1

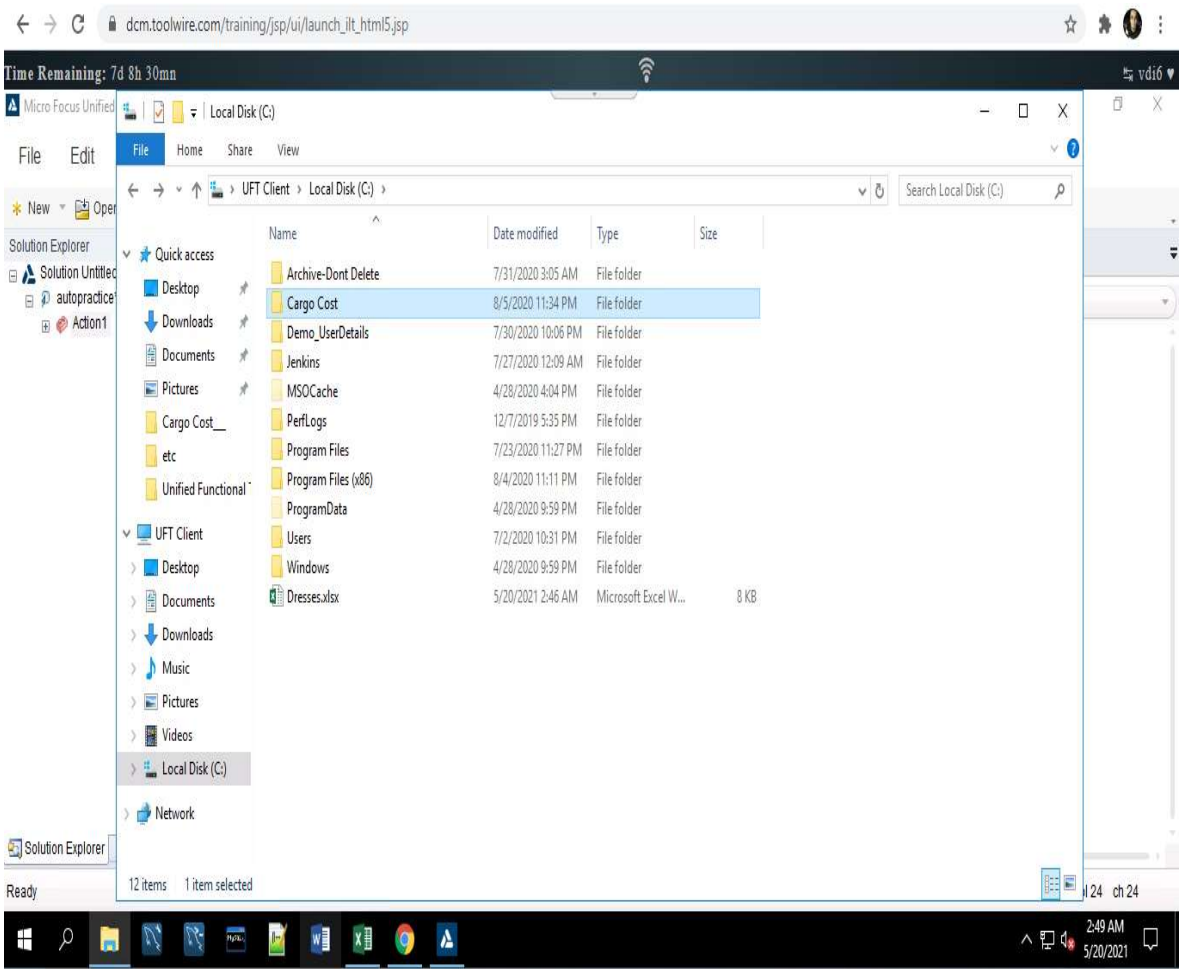

File Edit View Search Design Record Run Resources ALM Tools Window Help
Solution Explorer
Solution Untitled
GUITest2
Action1
UFT Report : GUITest2 - Res12
Action1 x
Start Page
Main
1 val_rate = DataTable.Value("Rate","Global")
2 'print val_rate
3
4 val_ppl = DataTable.Value("Principal","Global")
5 'print val_ppl
6
7 val_time = DataTable.Value("Time","Global")
8 'print val_time
9
10 val_ci = val_ppl * (1+(val_rate)/100) ^ val_time
11
12 print val_ci
Properties
Output
Print Log
Locate
Search term
Options
263.764575420174
3584.9222236692
1928.98611602276
37.1879359103865
Solution Explorer
Toolbox
Output
Active Screen
Data
Errors
Ready
ln 1
col 1
ch 1

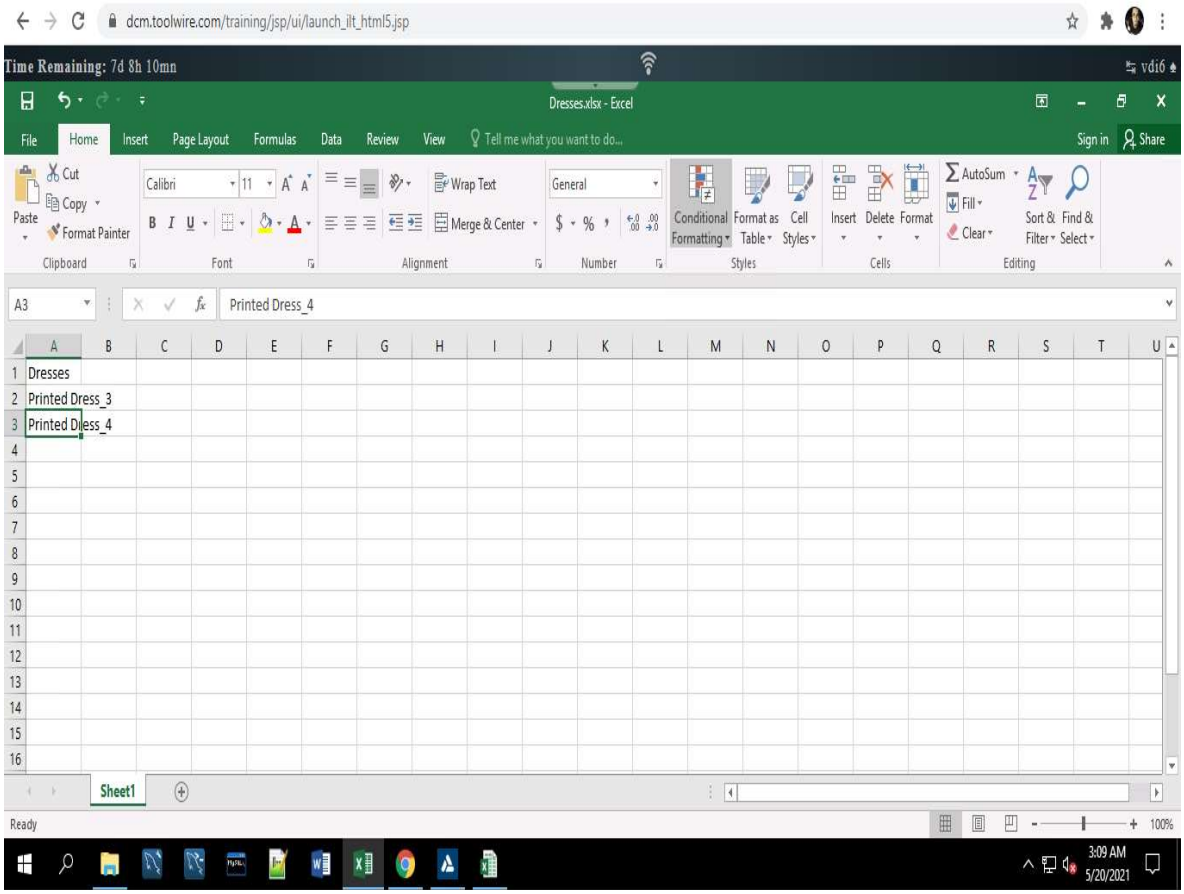
Main

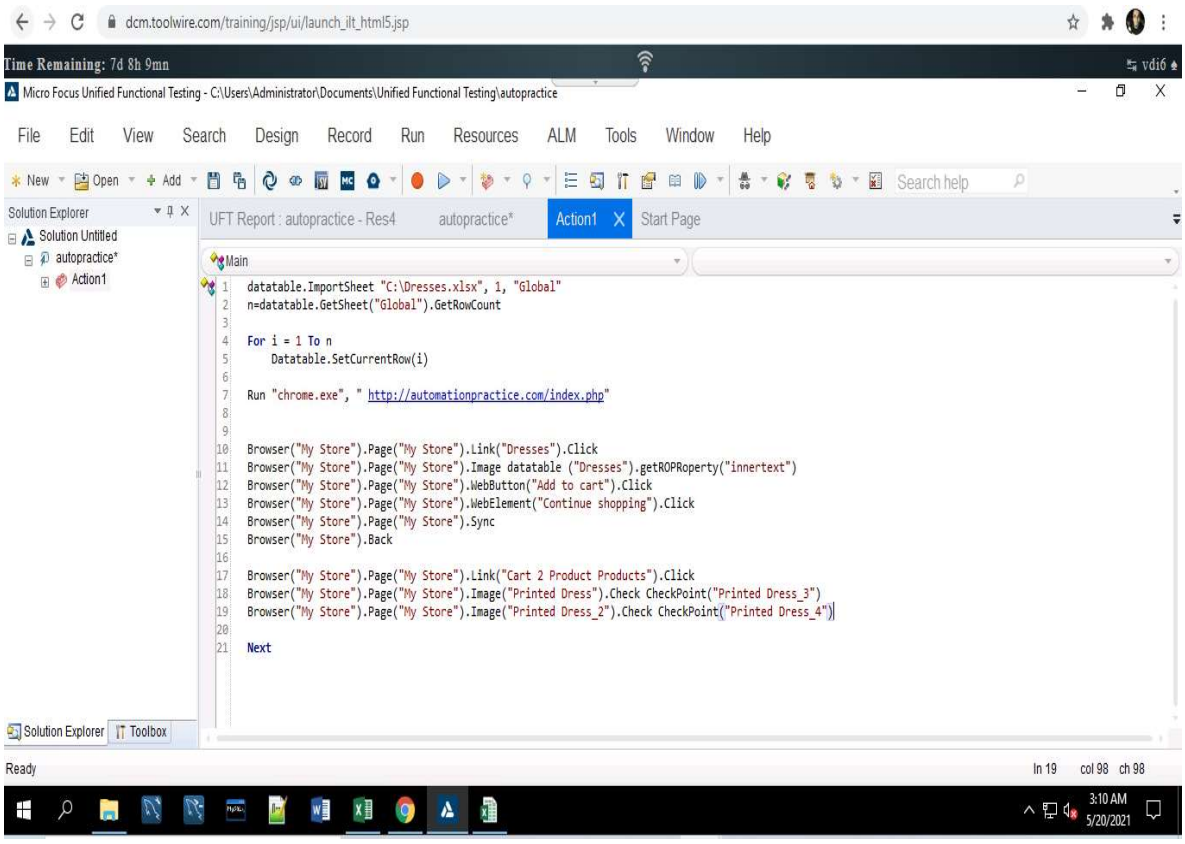
```
'Array Declaration
Dim arr

'Initialise value to array
arr = Array("The sky" , "at sunset" , "looked" , "like" , "a" , "carnivorous" , "flower")

'Loop to print each value of array
For Iterator = 1 To UBound(arr) Step 1
    Print arr(iterator)
Next

'To print size of array in msg box
msgbox "Size of Array is : "& UBound(arr)

```

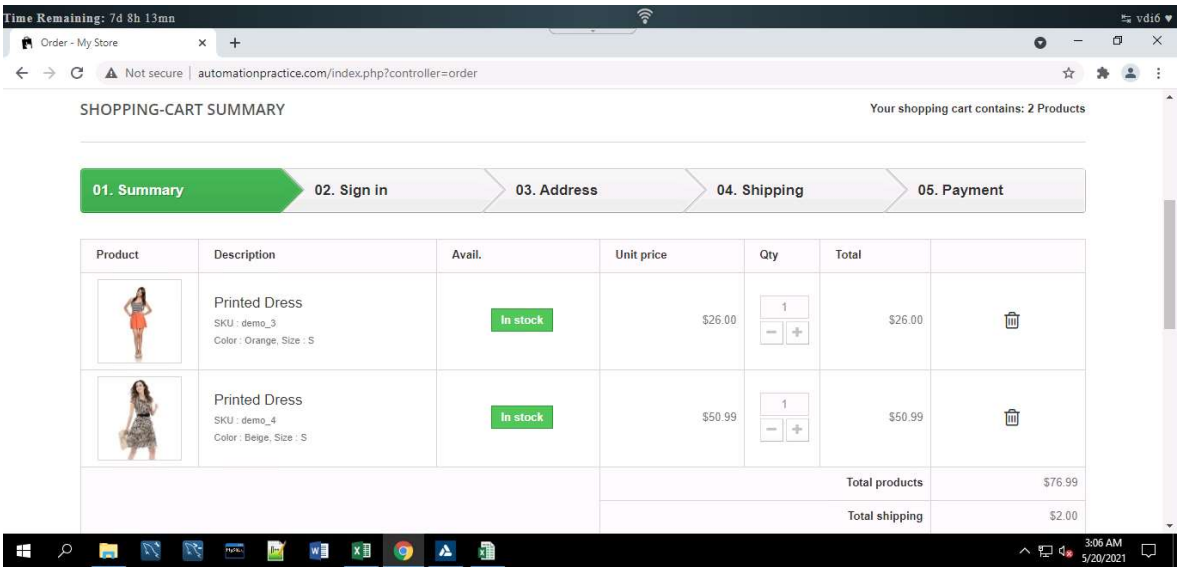

Array Implementation - Res3
Passed 1 (100%)
Warnings 0 (0%)
Failed 0 (0%)
Test Data
Execution Time 2021-05-09 11:49:30
Duration 00:00:31
Tool Name Micro Focus Unified Functional Testing 14.50
Show More ►
Errors list
Test flow
Search...
Collapse All
Expand All
Test Iteration: Row 1
Action1
Test Iteration Details
Test Iteration
Iteration: Row 1
Execution Time
2021-05-09 11:49:31
Duration
00:00:30


Output
Print Log
at sunset
looked
like
a
carnivorous
flower


dcm.toolwire.com/training/jsp/ui/launch_ilt_html5.jsp
Time Remaining: 7d 8h 30mn
vdi6
Micro Focus Unified
File Edit
New
Solution Explorer
Solution Untitled
autopractice
Action1
Local Disk (C:)
File Home Share View
UFT Client › Local Disk (C:) ›
Search Local Disk (C:)
Quick access
Desktop
Downloads
Documents
Pictures
Cargo Cost__
etc
Unified Functional
UFT Client
Desktop
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
Network
Name
Date modified
Type
Size
Archive-Dont Delete 7/31/2020 3:05 AM File folder
Cargo Cost 8/5/2020 11:34 PM File folder
Demo_UserDetails 7/30/2020 10:06 PM File folder
Jenkins 7/27/2020 12:09 AM File folder
MSOCache 4/28/2020 4:04 PM File folder
PerfLogs 12/7/2019 5:35 PM File folder
Program Files 7/23/2020 11:27 PM File folder
Program Files (x86) 8/4/2020 11:11 PM File folder
ProgramData 4/28/2020 9:59 PM File folder
Users 7/2/2020 10:31 PM File folder
Windows 4/28/2020 9:59 PM File folder
Dresses.xlsx 5/20/2021 2:46 AM Microsoft Excel W... 8 KB
12 items 1 item selected
Solution Explorer
Ready
ch 24
2:49 AM
5/20/2021


dcm.toolwire.com/training/jsp/ui/launch_ilt_html5.jsp
Time Remaining: 7d 8h 10mn
vdi6
Dresses.xlsx - Excel
File
Home
Insert
Page Layout
Formulas
Data
Review
View
Tell me what you want to do...
Sign in
Share
Cut
Copy
Format Painter
Paste
Clipboard
Calibri
11
Font
Wrap Text
Merge & Center
Alignment
General
Number
Conditional Formatting
Format as Table
Cell Styles
Styles
Insert
Delete
Format
Cells
AutoSum
Fill
Clear
Sort & Filter
Find & Select
Editing
A3
Printed Dress_4
Dresses
Printed Dress_3
Printed Diess_4
Sheet1
Ready
100%
3:09 AM
5/20/2021


dcm.toolwire.com/training/jsp/ui/launch_ilt_html5.jsp
Time Remaining: 7d 8h 9mn
Micro Focus Unified Functional Testing - C:\Users\Administrator\Documents\Unified Functional Testing\autopractice
File Edit View Search Design Record Run Resources ALM Tools Window Help
New Open Add Search help
Solution Explorer
Solution Untitled
autopractice*
Action1
UFT Report : autopractice - Res4
autopractice*
Action1
Start Page
Main
datatable.ImportSheet "C:\Dresses.xlsx", 1, "Global"
n=datatable.GetSheet("Global").GetRowCount
For i = 1 To n
Datatable.SetCurrentRow(i)
Run "chrome.exe", " http://automationpractice.com/index.php"
Browser("My Store").Page("My Store").Link("Dresses").Click
Browser("My Store").Page("My Store").Image datatable ("Dresses").getROPRoperty("innertext")
Browser("My Store").Page("My Store").WebButton("Add to cart").Click
Browser("My Store").Page("My Store").WebElement("Continue shopping").Click
Browser("My Store").Page("My Store").Sync
Browser("My Store").Back
Browser("My Store").Page("My Store").Link("Cart 2 Product Products").Click
Browser("My Store").Page("My Store").Image("Printed Dress").Check CheckPoint("Printed Dress_3")
Browser("My Store").Page("My Store").Image("Printed Dress_2").Check CheckPoint("Printed Dress_4")
Next
Solution Explorer Toolbox
Ready
ln 19 col 98 ch 98
3:10 AM
5/20/2021


Time Remaining: 7d 8h 13mn
vdi6
Order - My Store
Not secure | automationpractice.com/index.php?controller=order
SHOPPING-CART SUMMARY
Your shopping cart contains: 2 Products
01. Summary
02. Sign in
03. Address
04. Shipping
05. Payment
Product
Description
Avail.
Unit price
Qty
Total
Printed Dress
SKU : demo_3
Color : Orange, Size : S
In stock
$26.00
1
$26.00
Printed Dress
SKU : demo_4
Color : Beige, Size : S
In stock
$50.99
1
$50.99
Total products
$76.99
Total shipping
$2.00
3:06 AM
5/20/2021

CHAPTER 4
CODES

```
SystemUtil.run "iexplore.exe","https://www.bmw.in/en/"

Set Browsec = Description.Create
Browsec("micclass").Value="Browser"
Browsec("openurl").Value="https://www.bmw.in/en"

Set Pag = Description.Create
Pag("micclass").Value="Page"
Pag("url").Value="https://www.bmw.in/en"

Set Pagg = Description.Create
Pagg("micclass").Value="Page"
Pagg("url").Value="https://www.bmw.in/en/all-models/7-series/sedan/2019/bmw-7-series-sedan-inspire.html"

Set Pag2 = Description.Create
Pag2("micclass").Value="Page"
Pag2("url").Value="https://www.bmw.in/en/all-models/7-series/sedan/2019/bmw-7-series-sedan-technical-data.html"

Set Model = Description.Create
Model("micclass").Value="Link"
Model("innertext").Value="Models"

Set Series = Description.Create
Series("micclass").Value="WebButton"
Series("innertext").Value="7"

Set Img = Description.Create
Img("micclass").Value="Image"
Img("alt").Value="BMW 7 Series Sedan"
Set Listt = Description.Create
Listt("micclass").Value="WebList"
Listt("outertext").Value="Inspire Inform Technical Data"
Listt("select type").Value="ComboBox Select"

Set Tech = Description.Create
Tech("micclass").Value="Link"
Tech("class").Value="ds2-font-button ds2-tracking-js--event"
Tech("href").Value="https://www.bmw.in/en/all-models/7-series/sedan/2019/bmw-7-series-sedan-technical-data.html"
Tech("abs_x").Value="454"
Tech("y").Value="4"

Set TopSpeed = Description.Create
Topspeed("micclass").Value="WebElement"
TopSpeed("innertext").Value="250"
```

```
Set Bro = Description.Create
Bro("micclass").Value="Browser"
Bro("title").Value="BMW 7 Series : The Sedan of the luxury class | BMW.in"

Browser(Browsec).Page(Pag).Link(Model).Click
Browser(Browsec).Page(Pag).WebButton(Series).Click
Browser(Browsec).Page(Pag).Image(Img).Click
Browser(Browsec).Page(Pagg).WebList(Listt).Link(Tech).Click
speed = Browser(Browsec).Page(Pag2).WebElement(TopSpeed).GetROProperty("innertext")
Msgbox "Top speed in km/h: " &speed

Set tExcel = CreateObject("Excel.Application")
tExcel.Visible=False
tExcel.workbooks.add
tExcel.sheets.add
tExcel.Cells(1,1).Value="Speed"
tExcel.Cells(2,1).Value=speed
tExcel.ActiveWorkbook.SaveAs "C:\Users\Administrator\Desktop\speed.xls"
tExcel.workbooks.close

If (speed<500) Then
	Msgbox "Does not meet my requirements"
Else
	Msgbox "Requirement meet: True"
End If
datatable.ImportSheet "C:\Dresses.xlsx", 1, "Global"
n=datatable.GetSheet("Global").GetRowCount

For i = 1 To n
	Datatable.SetCurrentRow(i)

Run "chrome.exe", " http://automationpractice.com/index.php"


Browser("My Store").Page("My Store").Link("Dresses").Click
Browser("My Store").Page("My Store").Image datatable ("Dresses").getROPRoperty("innertext")
Browser("My Store").Page("My Store").WebButton("Add to cart").Click
Browser("My Store").Page("My Store").WebElement("Continue shopping").Click
Browser("My Store").Page("My Store").Sync
Browser("My Store").Back

Browser("My Store").Page("My Store").Link("Cart 2 Product Products").Click
Browser("My Store").Page("My Store").Image("Printed Dress").Check CheckPoint("Printed
Dress_3")
Browser("My Store").Page("My Store").Image("Printed Dress_2").Check CheckPoint("Printed
Dress_4")

Nex
```

CHAPTER 5

CONCLUSION

Miniature Focus' UFT One is device that utilizes robotize tests to discover issues of a test application. Brought together Functional Testing (UFT) is an abbreviation for "Bound together Functional Testing." It was recently known as QTP (Quick Test Professional).

Practical, relapse, and administration testing are the most well-known utilizations for UFT. We may utilizeUFTtomechanizeclientexercisesonasiteorworkerPCprogram,andafterwardtestandidentify abandons for numerous clients, different informational collections, various Windows working frameworks, or potentially various gadgets utilizing similar tasks. When contrasted with manual testing, robotization by means of UFT may save a great deal of time and cash if all around planned and done. Today,UFTisquitepossiblythemostordinarilyusedbusinessrobotizedtestingarrangementsaccessibl e. It's notable for its effortlessness of utilization and merchant support, just as a major local area of mechanization specialists. Accordingly, qualified UFT experts have consistently been soughtafter

In this manner, utilizing programming testing methods experiments were composed for the specific application. Also, with the assistance of UFT computerization instrument we're ready to test the usefulness of the site effectively.

CHAPTER 6

REFERENCES

1. Functional TestingFundamentals

The Complete 2021 Software Testing Bootcamp

https:// cognizant.udemy.com/course/testerbootcamp/learn/lecture/19149164?start=1#notes

https:// www.guru99.com/test-case.html

2.DataSource(SQL+XML+JSON)

SQLforBeginners:LearnSQLusingMySQLanddatabasedesign

https:// cognizant.udemy.com/course/sql-for-beginners-course/learn/lecture/11484616?start=1#notes

https://www.w3schools.com/sql/
https:// www.tutorialspoint.com/sql/sql-select-query.htm

Project Report Undertaking

I Mr. /Ms. Prashant Jaiswal -Roll No. 171048 Branch ECE is doing my internship with Cognizant from 20 February 2021 to 15 June 2021

As per procedure I have to submit my project report to the university related to my work that I have done during this internship.

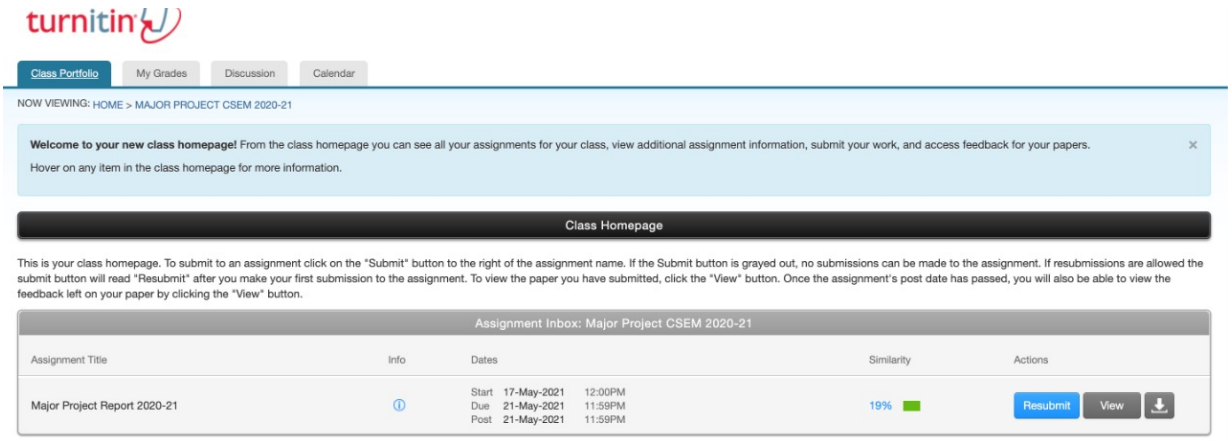
I have compiled my project report. But due to COVID-19 situation my project mentor in the company is not able to sign my project report.

So I hereby declare that the project report is fully designed/developed by me and no part of the work is borrowed or purchased from any agency. And I'll produce a certificate/document of my internship completion with the company to TnP Cell whenever COVID-19 situation gets normal.

Signature Prashant Jaiswal

Name Prashant Jaiswal

Roll No. 171048

Date 20-05-2021

PLAGIARISM REPORT:-