

Course: TY BCA

Sem: 5

Subject: 030010517 CC12 Software Testing Techniques

Er. No.: 201803100110002

Set: A

Website URL: <https://mtdccrs.maharashtratourism.gov.in/Registration.aspx>

➤ **Test Case:**

Test Description	Elements	Selenese	Target	Expected	Actual	Result (Pass/Fail)
Page Title	Label: Registration	verify title	css=.pageTitle	Registration	Registration	Pass
Title	Label: Personal Information	verify text	css=.perInfo	Personal Information	Personal Information	Pass
Field Text	Label: Salutation	verify text	css=tr:nth-child(3) > td:nth-child(1)	Salutation	Salutation	Pass
		check	id=ctl00_MainContent_cmbSalution_Input	Input selection	Input selection	Pass
	Label: First Name*	assert not text	css=tr:nth-child(4) > td:nth-child(1)	First name	First Name*	True
	Label: Last Name*	verify text	css=tbody:nth-child(1) > tr:nth-child(4) > td:nth-child(5)	Last Name*	Last Name*	Pass
	Label: Date of birth*	assert not text	css=tr:nth-child(5) > td:nth-child(1)	Date of birth*	Date of Birth	true
	Label: Gender*	verify text	css=tbody:nth-child(1) > tr:nth-child(5) > td:nth-child(5)	Gender*	Gender*	Pass
		check	id=ctl00_MainContent_cmbGender_Input	Input selection	Input selection	Pass
	Label: Address*	verify text	css=tr:nth-child(6) > td:nth-child(1)	Addres*	Address*	Fail
	Label: Country*	verify text	css=tr:nth-child(7) > td:nth-child(1)	Country*	Country*	Pass
	Label: State*	verify text	css=tr:nth-child(7) > td:nth-child(5)	State*	State*	Fail

	Label: City*	verify label	css=tr:nth-child(8) > td:nth-child(1)	City*	City*	Pass
	Label: PinCode	verify text	css=tr:nth-child(8) > td:nth-child(5)	Pin code	PinCode	Fail
	Label: E-mail*	verify text	css=tr:nth-child(10) > td:nth-child(1)	E-mail*	E-mail	Fail
	Label: Mobile No.*	verify text	css=tr:nth-child(10) > td:nth-child(5)	Mobile No.*	Mobile No.*	Pass
	Label: Fax No.	verify text	css=tr:nth-child(11) > td:nth-child(1)	Fax No.	Fax No.	Pass
	Label: Language Preferred	verify text	css=tr:nth-child(11) > td:nth-child(5)	Language preferred	Language Preferred	Fail
Check Value	First Name	verify value	id=ctl00_MainContent_TxtBxFirstName_text	Miloni	Miloni	Pass
Check Value	Pincode	verify value	id=ctl00_MainContent_txtPincode_text	null	null	Pass
Check Value	Fax No.	verify value	id=ctl00_MainContent_TxtFaxNo_text	null	null	Pass
Check Value	Language Preferred	verify value	id=ctl00_MainContent_txtLangPref_text	null	null	Pass
Check Value	Salutation	verify text	id=ctl00_MainContent_cmbSalutation_Input	Mrs	Mr	Fail
Check Value	Gender	verify text	id=ctl00_MainContent_ddlGender_Input	Female	Female	Pass
Check Value	Country	verify text	id=ctl00_MainContent_radComboCountry_Input	Canada	India	Fail
Check Value	City	verify text	id=ctl00_MainContent_cmbCity_Input	Surat	Surat	Pass
Print email	Email	store	id=ctl00_MainContent_TxtBxEmail_text	milonipatel81@gmail.com	milonipatel81@gmail.com	Pass

Print Gender Country City	Gender Country City	store	id=ctl00_MainContent_ddlGender_Input id=ctl00_MainContent_radComboCountry_Input id=ctl00_MainContent_cmbCity_Input	echo: Gender is Male echo: Country is INDIA echo: City is Ahmedabad	echo: Gender is Male echo: Country is INDIA echo: City is Ahmedabad	Pass
Retrieve and print the maximum lengths	Textbox: Pincode	store attribute	id=ctl00_MainContent_txtPincode_text@maxlength	Pincode length is 6	Pincode length is 6	Pass
Check Value	Textbox: MobileNo	store attribute	id=ctl00_MainContent_TxtBxTelephone_text@maxlength	Mobile No Length is 10	Mobile No Length is 10	Pass
Validate Button	Button: Register	verify element present	id=ctl00_MainContent_BtnRegister_input	Register	Register	Pass
Check Value	Button: Cancel	verify element present	id=ctl00_MainContent_btnCancel_input	Cancel	Cancel	Pass
Validate Password	Textbox: Confirm Password	verify element present	id=MainContent_LblError	Password is wrong	Password is wrong	Pass
Verify Navigation	Button: Cancel	verify	id=ctl00_MainContent_btnCancel_input	No values	No values	Pass

➤ **Screenshot:**

Project: WB6*

Executing ▾

Test*

https://mtdcrrs.maharashtratourism.gov.in

	Command	Target	Value
1	open	/Registration.aspx	
2	set window size	832x824	
3	verify text	css= pageTitle	Registration
4	verify text	css= perInfo	Personal Information
5	check	id=ctl00_MainContent_cmbSalutation_Input	
6	assert title	Registration	Registration
7	// verify text	css= pageTitle	Registration
8	// verify text	css= perInfo	Personal Information
9	// verify text	css=tr:nth-child(3) > td:nth-child(1)	Salutation
10	// assert not text	css=tr:nth-child(4) > td:nth-child(1)	First Name
11	// check	id=ctl00_MainContent_cmbGender_Input	

Command

Target

Value

Description

Runs: 1

Failures: 0

Log

Reference

1. open on /Registration.aspx OK

23:38:14

2. setWindowSize on 832x824 OK

23:38:16

3. verifyText on css= pageTitle with value Registration OK

23:38:18

4. verifyText on css= perInfo with value Personal Information OK

23:38:23

5. check on id=ctl00_MainContent_cmbSalutation_Input OK

23:38:25

6. assertTitle on Registration with value Registration OK

23:38:25

'Test' completed successfully

23:38:31

➤ **Enhance your learning:**

- **What is a Keyword Test?**
 - Keyword Testing is a scripting technique that uses data files to contain the keywords related to the application being tested. These keywords describe the set of actions that is required to perform a specific step.
 - A keyword test consists of high and low-level keywords, including the keyword arguments, which is composed to describe the action of a test case. It is also called table-driven testing or action keyword-based testing.
 - In Keyword Testing, you first identify a set of keywords and then associate an action (or function) related to these keywords. Here, every testing action like opening or closing of browser, mouse click, keystrokes, etc. is described by a keyword such as openbrowser, click, Typertext and so on.
- **List two Keywords for the above web application.**
 - Login
 - Logout
- **List any one tool to perform such a test.**
 - Selenium
- **Write the steps to perform a keyword test**
 - Step 1. Identifying low level as well as high-level keywords
 - Step 2. Implementing the keywords as executable
 - Step 3. Creating test cases
 - Step 4. Creating the driver scripts
 - Step 5. Executing the automation test scripts