



PARSHVANATH CHARITABLE TRUST'S

A. P. SHAH INSTITUTE OF TECHNOLOGY

Department of Information Technology

(NBA Accredited)



Semester: V

Name of Student: Ananya Mishra

Academic Year: 2024-25

Student ID:22104200

Class / Branch/Div: TE IT B

Subject: Software Engineering

Name of Instructor: Prof. Jayshree

Case Study: Test Case creation from Requirement Document

Aim: -Write down test cases for a given SRS for Login page considering GUI requirements and functional requirements.

Software requirement specification:-

GUI requirement

- 1) Control should be on username field.
- 2) After pressing tab control should be passed to password field



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- 3) After pressing tab control should be passed to OK button
- 4) After pressing tab control should pass to cancel button.

Functional requirement for login page

- 1) Username field should only accept 'admin' as user name.
- 2) Username field is case sensitive.
- 3) Password field should only accept 'admin' as password.
- 4) Password field is case sensitive.
- 5) After pressing cancel button username field and password field should get clear.
- 6) If user name field and password field contain admin, then after pressing OK button login should be successful.

		Project Name:-						
		Version:-						
		Version Author:-						
		Date:-						
Test Case ID	Test Case Name	Type of Testing	Precondition	Test Steps	Test Data	Expected Result	Actual Result	Pass/Fail
1)	Validation of Login Page	GUI Testing	Login page should be opened	Check the login page.	-	1)Username, password field, OK button, Cancel Button should be present. 2)Control should be on username field.	As expected	Pass



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2)	Validation of Login Page(Checking Tab order).	Functional Tersting.	1)Login page should be opened. 2)Control should be on Username field.	Press Tab button.	-	Control should be on Password field	As expected	Pass
			1)Login page should be opened. 2)Control should be on Password field.	Press Tab button.	-	Control should be on OK button.	As expected	Pass
			1)Login page should be opened. 2)Control should be on OK button.	Press Tab button.	-	Control should be on Cancel button.	As expected	Pass
			1)Login page should be opened. 2)Control should be on Cancel button.	Press shift+Tab button.	-	Control should be on OK button.	As expected	Pass



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			1)Login page should be opened. 2)Control should be on OK button.	Press shift+Tab button.	-	Control should be on Password field	As expected	Pass
			1)Login page should be opened. 2)Control should be on Password field.	Press shift+Tab button.	-	Control should be on username field.	As expected	Pass
3)	Validation of username field	Functional Testing. (positive Testing)	1)Login page should be opened. 2)Control should be on Username field .	1) Put user name in user name field. 2)Press Tab button.	"admin"	Control should be on password field.	As expected	Pass
		Functional Testing. (negative Testing)	1)Login page should be opened. 2)Control should be on Username field .	1) Put user name in user name field. 2)Press Tab button.	"ADMIN"	It should display error message "Invalid username".	As expected	Pass



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			1)Login page should be opened. 2)Control should be on Username field .	1)Press Tab button.	""	It should display error message "Username field should not be blank".	As expected	Pass
			1)Login page should be opened. 2)Control should be on Username field .	1) Put user name in user name field. 2)Press Tab button.	"abcde"	It should display error message "Invalid username".	As expected	Pass
4)	Validation of password field.	Functional Testing. (positive Testing)	1)Login page should be opened. 2)User name field contains "admin". 3)Control should be on Password field.	1) Put password in password field. 2)Press Tab button.	"admin"	Control should be on OK button.	As expected	Pass
		Functional Testing. (Negative Testing)	1)Login page should be opened. 2)User name field contains "admin". 3)Control should be on Password field.	1) Put password in password field. 2)Press Tab button.	"ADMIN"	It should display error message "Invalid password".	As expected	Pass



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			1)Login page should be opened. 2)User name field contains "admin". 3)Control should be on Password field.	Press Tab button.	""	It should display error message "Username field should not be blank".	As expected	Pass
			1)Login page should be opened. 2)User name field contains "admin". 3)Control should be on Password field.	Press Tab button.	"abcd"	It should display error message "Invalid password".	As expected	Pass
5)	Validation of OK button.	Functional Testing (Positive Testing)	1)Login page should be opened. 2)User name field contains "admin". 3>Password field contains "admin"	press "OK" button		Login should be successful.	As expected	Pass



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6)	Validation of Cancel button.	Functional Testing (Positive Testing)	1)Login page should be opened. 2)User name field contains "admin". 3)Password field contains "admin"	press "Cancel" button		Username and Password field should get clear.	As expected	Pass
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