



BHARATIYA VIDYA BHAVAN'S  
**SARDAR PATEL INSTITUTE OF TECHNOLOGY**  
MUNSHI NAGAR, ANDHERI (WEST), MUMBAI - 400 058.  
(Autonomous College Affiliated to University of Mumbai)  
**MASTER OF COMPUTER APPLICATIONS**

**Class: F.Y.MCA**

**Semester: I AY 2024-25    Subject: Software Engineering Lab**

**Subject In charge: Nikhita Mangaonkar    Course Code: MC503**

**ROLL NO. : 2024510001**

**BATCH: A**

**NAME: Atharva Vasant Angre**

**EXPERIMENT NO: 08**

**EXPERIMENT TITLE: Prepare Test cases**

**Objective:**

- 1.To write Test cases.
- 2.To understand test format.
3. To understand the working of JIRA tool

**Test Plan**

Test ID	Test Name	Test Description	Input	Expected Output	Actual Output	Result
TC01	User Registration	User Enter Details: All valid values username [valid range a-z] Email Address [valid email] Password [valid password follows all required condition] Confirm Password [same as password]	username: atharva Email: atharva231@gmail.com Password: ABCabc@123 Confirm Password: ABCabc@123	Redirected to Login Page	Redirected to Login Page	Pass
TC02		User Enter Details: Email Address is invalid	username: atharva Email: atharva@gmailcc Password:	Please enter a valid email address	Please enter a valid email address	Pass

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		username [valid range a-z] Email Address [invalid email format] Password [valid password follows all required condition] Confirm Password [same as password]	ABCabc@123 Confirm Password: ABCabc@123			
TC03		User Enter Details: Name is invalid  username [consist of numer] Email Address [valid email] Password[invalid password not follows all required condition] Confirm Password [same as password]	username: atharva24 Email: atharva23@gmail.com Password: abccc@123 Confirm Password: abccc@123	username is invalid	username is invalid	Pass



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TC04	User Registration	User Enter Details:  Confirm password is invalid  username [valid range a-z] Email Address [valid email] Password [valid password follows all required condition] Confirm Password [not same as password]	username: atharva Email: atharva23@gmail.com Password: ABCabc@123 Confirm Password: ABabc@123	Passwords do not match.	Passwords do not match.	Pass
TC05	User Registration	User Enter Details:  Registering with existing email address  username [valid range a-z] Email Address [valid email] Password [valid password]	username: atharva Email: atharva231@gmail.com Password: ABCabc@123 Confirm Password: ABCabc@123	Email Address already exists	Email Address already exists	Pass

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		follows all required condition] Confirm Password [same as password]				
TC06	User Registration	User Enter Details: Checking for boundary values for password  m=minimum length m=6  username [valid range a-z] Email Address [valid email] Password [valid password with only 6 characters] Confirm Password [same as password]	username: atharva Email: atharva2312@gmail.com Password: Abc@12 Confirm Password: Abc@12	Redirected to login page	Redirected to login page	Pass
TC07	User Registration	User Enter Details:	username: atharva Email: atharva2312@gmail.com	Password must be at least 6	Password must be at least 6	Pass

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		checking for boundary values for password  m=minimum length m=6  username [valid range a- z] Email Address [valid email] Password [below minimum length m-1=5 ] Confirm Password [same as password]	Password: Abc@1 Confirm Password: Abc@1	characters, contain one uppercase letter, one lowercase letter, one number, and one special character...	characters, contain one uppercase letter, one lowercase letter, one number, and one special character...	
TC8	User Registration	User Enter Details: checking for boundary values for password  m=minimum length m=6	username: atharva Email: atharva2313@gmail.com Password: Abc@12 Confirm Password: Abc@12	Redirected to login page	Redirected to login page	Pass



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		username [valid range a-z] Email Address [valid email] Password [valid password m+1= 6+1=7 characters] Confirm Password [same as password]				
TC9	User Registration	User Enter Details: checking for boundary values for password  n=maximum length n=16  username [valid range a-z] Email Address [valid email] Password [valid password with only 16 characters] Confirm Password	username: atharva Email: atharva2314@gmail.com Password: ABCabc@123456789 Confirm Password: ABCabc@123456789	Redirected to login page	Redirected to login page	Pass



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		[same as password]				
TC10	User Registration	User Enter Details: checking for boundary values for password  n=maximum length n=16  username [valid range a-z] Email Address [valid email] Password [valid password with n-1=16-1=15 characters] Confirm Password [same as password]	username: atharva Email: atharva2315@gmail.com Password: ABCabc@12345678 Confirm Password: ABCabc@12345678	Redirected to login page	Redirected to login page	Pass
TC11	User Registration	User Enter Details: Checking for boundary values for password	username: atharva Email: atharva2315@gmail.com Password: ABCabc@1234567891 Confirm Password: ABCabc@1234567891	Password must be at least 6 characters, contain one uppercase letter, one lowercase	Password must be at least 6 characters, contain one uppercase letter, one lowercase	Pass

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		n=maximum length n=16  username [valid range a-z] Email Address [valid email] Password [valid password with n+1=16+1=17 characters] Confirm Password [same as password]		letter, one number, and one special character...	letter, one number, and one special character...	
TC12	User Login	Login with valid email and invalid password	Email: <a href="mailto:atharva2315@gmail.com">atharva2315@gmail.com</a> Password: Abc12345	Incorrect password	Incorrect password	Pass
TC13	User Login	Login with invalid email and valid password	Email: <a href="mailto:atharva231@gmail.com">atharva231@gmail.com</a> Password: Abc12345	No account found with this email	No account found with this email	Pass
TC14	Add to cart	Select the shoe size and add the shoe in cart	Don't select the shoe and click add to cart	Alert... Please select shoe size	Alert... please select shoe size	Pass
TC15	Add to cart	Select the shoe size and add the shoe in cart	Select the shoe and click add to cart	Alert... Shoe added in cart	Alert... Shoe added in cart	Pass
TC16	Add to favorite	Select the shoe size and add	Don't select the shoe and click add to favorite	Alert... Please select shoe size	Alert... please select shoe size	Pass

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		the shoe in favorite				
TC17	Add to favorite	Select the shoe size and add the shoe in favorite	Select the shoe and click add to favorite	Alert... Shoe added in favorite	Alert... Shoe added in favorite	Pass
TC18	Add shoe in cart	checking for boundary values cart limit  Max 10 shoes can be added at a time.  $m = 10$  $m-1$ adding 9th shoes	Select the shoe and click add to cart	Alert... Shoe added in cart	Alert... Shoe added in cart	Pass
TC19	Add shoe in cart	checking for boundary values cart limit  Max 10 shoes can be added at a time.  $m = 10$  adding 10th shoes	Select the shoe and click add to cart	Alert... Shoe added in cart	Alert... Shoe added in cart	Pass
TC20	Add shoe in cart	checking for boundary values cart limit	Select the shoe and click add to cart	Alert... Cart full	Alert... Cart full	Pass

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		Max 10 shoes can be added at a time.  m -1  adding 11th shoes				
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