Project Name	Write Wave
Test Designed By	Kartik Sharma
Test Designed Date	3-13-2025
Test Executed By	Kartik Shrama
Test Executed Date	3-13-2025

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Test Case ID	Test Case Name	Test Case Type	Pre-Condition	Test Description	Test Steps	Test Data	Actual Result	Expected Result	Test Pass/Fail	Priority
TC-001	Homepage Load	Functional	Any Operating system with a running Internet connection and Chrome Browser	Verify that the homepage of Write Wave loads correctly.	1. Open a Web Browser 2. Enter the Url https://write-wave-gamma.vercel.app/ 3. Wait for the page to load completely.	None	Homepage loads fully with no errors and display all key Sections.	Same as Expected Result	PASS	High
TC-002	Page Tittle	Functional	Any Operating system with a running Internet connection and Chrome Browser	Verify Page Tittle	1.Open the Web Browser. 2.Enter the Url https://write-wave-gamma.vercel.app/ 3.Check the Page tittle is visible.	None	The Page tittle should be "Coursera" | online Coursera & Credentials from top educators	Same as Expected Result	PASS	High
TC-003	Logo Display	UI/UX	Homepage is loaded	Verify logo is displayed correctly	1.Open the Web Browser. 2.Enter the Url https://write-wave-gamma.vercel.app/ 3.Check the Page tittle is visible.	None	TBD	Logo should be displayed correctly	PASS	Medium
TC-004	Register	UI/UX	Homepage is loaded	Verify the Register section or Button is display in the Home Page	1.Open the Web Browser. 2.Enter the Url https://write-wave-gamma.vercel.app/ 3.Check the Register is visible.	None	Register button is avaible in the top side of the Homepage easily visible for user	Same as Expected Result	PASS	High
TC-005	Register	Functional	Homepage is loaded	Verify the register button is working	1.Open the Web Browser. 2.Enter the Url https://write-wave-gamma.vercel.app/ 3.Click on the Register Button	None	After Click on the Register Button redirect to the Register Page	Same as Expected Result	PASS	High
TC-006	Register	UI/UX	Register Page is loaded	Verify the Name field is visible	1.Open the Web Browser. 2.Enter the Url https://write-wave-gamma.vercel.app/ 3.Click on the Register Button 4.Check Name field is visible	None	In the Registeration page have visible the Name Field	Does'nt Show any name field in the register page	FAIL	High
TC-008	Verify UI elements on the Register Page	UI Testing	User is on Register Page	Ensure all UI elements are visible	1. Navigate to register page 2. Check for Username field 3. Check for Password field 4. Check for Register button	N/A	All elements visible	All elements should be visible and correctly aligned	PASS	High
TC-009	Register with valid username and password	Functional	User is on Register Page	Verify user can register with valid credentials	1. Enter valid username 2. Enter valid password 3. Click Register	Username: Kartik Password: Test@123	Registration successful message displayed	User should be registered successfully	PASS	High
TC-010	Register with empty fields	Negative	User is on Register Page	Verify error is shown when fields are empty	1. Keep both fields empty 2. Click Register	Blank fields	Register Successful with blank space	Error message should appear	FAIL	High
TC-011	Register with only username	Negative	User is on Register Page	Verify error when only username is entered	1. Enter valid username 2. Leave password empty 3. Click Register	Username: testuser	Error message displayed	Proper validation message should appear	FAIL	High
TC-012	Register with only password	Negative	User is on Register Page	Verify error when only password is entered	1. Leave username empty 2. Enter valid password 3. Click Register	Password: Test@123	Error message displayed	Proper validation message should appear	FAIL	High
TC-013	Register with invalid username format	Negative	User is on Register Page	Verify error message for invalid username format	1. Enter invalid username (e.g., special characters) 2. Enter valid password 3. Click Register	Username: @#$$% Password: Test@123	Error message displayed	System should reject invalid username format	FAIL	Medium
TC-014	Register with weak password	Negative	User is on Register Page	Verify error for weak password	1. Enter valid username 2. Enter weak password 3. Click Register	Username: testuser Password: 12345	Error message displayed	Weak password should not be accepted	FAIL	High
TC-015	Register with already taken username	Negative	User is on Register Page	Verify duplicate username is not allowed	1. Enter existing username 2. Enter valid password 3. Click Register	Username: testuser Password: Test@123	Error message displayed	System should prevent duplicate usernames	FAIL	High
TC-016	Register with max-length username	Functional	User is on Register Page	Verify username field supports max characters	1. Enter max-length username 2. Enter valid password 3. Click Register	Username: 50 characters Password: Test@123	Registration successful message displayed	System should allow max-length username	FAIL	Medium
TC-017	Register with min-length password	Functional	User is on Register Page	Verify password field supports min length	1. Enter valid username 2. Enter min-length password 3. Click Register	Username: testuser Password: A1b!	Error message displayed	System should reject passwords shorter than min length	FAIL	High
TC-018	Register button disabled when fields are empty	UI Testing	User is on Register Page	Verify if Register button is disabled for empty fields	1. Check the Register button before entering data	N/A	Button is enabled	Button should be disabled until required fields are filled	PASS	Medium

TC-019	Verify password field masking	UI Testing	User is on Register Page	Ensure password field hides input characters	1. Enter password 2. Check if characters are masked	Password: Test@123	Password is visible	Password should be masked	PASS	High
TC-020	Register with leading/trailing spaces in username	Functional	User is on Register Page	Verify system trims spaces from username	1. Enter username with spaces 2. Enter valid password 3. Click Register	Username: " testuser " Password: Test@123	Registration successful	System should trim spaces before processing	FAIL	Medium
TC-021	Verify register page responsiveness	UI Testing	User is on Register Page	Verify page adapts to different screen sizes	1. Open Register page on different devices 2. Resize browser window	N/A	Layout broken	Page should be fully responsive	PASS	High
TC-022	Register using Enter key	Functional	User is on Register Page	Verify pressing Enter submits form	1. Enter valid username 2. Enter valid password 3. Press Enter	Username: testuser Password: Test@123	Nothing happens	Register form should submit on Enter key press	PASS	Medium
TC-023	Verify error message disappears on new input	UI Testing	User is on Register Page	Ensure validation error disappears on input change	1. Enter invalid data 2. Click Register 3. Enter valid data	N/A	Error message remains	Error message should disappear once valid input is entered	FAIL	Low
TC-024	Register with special characters in password	Functional	User is on Register Page	Ensure special characters are allowed in password	1. Enter valid username 2. Enter password with special characters 3. Click Register	Username: testuser Password: !@#Test123	Registration successful	Password should accept special characters	PASS	Medium
TC-025	Verify Register page loads within acceptable time	Performance	User is on Register Page	Ensure page loads quickly	1. Load the Register page 2. Measure load time	N/A	Takes more than 5 sec	Page should load within 3 sec	PASS	High
TC-026	Register with an extremely long password	Functional	User is on Register Page	Verify system handles long passwords correctly	1. Enter valid username 2. Enter very long password 3. Click Register	Username: testuser Password: 100 characters	Registration successful	System should allow long passwords	FAIL	Medium
TC-027	Register page broken links check	Functional	User is on Register Page	Verify all links work correctly	1. Click on all footer/header links to check redirection	N/A	Links not working	All links should be working	FAIL	Low
TC-028	Verify UI elements on the Login Page	UI Testing	User is on Login Page	Ensure all UI elements are visible	1. Navigate to Login page 2. Check for Username field 3. Check for Password field 4. Check for Login button	N/A	UI elements visible	All elements should be visible and correctly aligned	PASS	High
TC-029	Login with valid credentials	Functional	User is registered	Verify user can login with valid credentials	1. Enter valid username 2. Enter valid password 3. Click Login	Username: Kartik Password: Kartik@123	User logged in successfully	User should be redirected to the dashboard	PASS	High
TC-030	Login with empty fields	Negative	User is on Login Page	Verify error message when fields are empty	1. Keep both fields empty 2. Click Login	Blank fields	Error message displayed	Error message should appear	PASS	High
TC-031	Login with only username	Negative	User is on Login Page	Verify error when only username is entered	1. Enter valid username 2. Leave password empty 3. Click Login	Username: testuser	Error message displayed	Proper validation message should appear	PASS	High
TC-032	Login with only password	Negative	User is on Login Page	Verify error when only password is entered	1. Leave username empty 2. Enter valid password 3. Click Login	Password: Test@123	Error message displayed	Proper validation message should appear	PASS	High
TC-033	Login with incorrect password	Negative	User is registered	Verify error when incorrect password is entered	1. Enter valid username 2. Enter incorrect password 3. Click Login	Username: testuser Password: WrongPass	Error message displayed	System should reject incorrect password	FAIL	High
TC-034	Login with unregistered username	Negative	User is not registered	Verify error for unregistered username	1. Enter non-existing username 2. Enter valid password 3. Click Login	Username: newuser Password: Test@123	Error message displayed	System should reject unregistered usernames	FAIL	High
TC-035	Login with special characters in username	Negative	User is on Login Page	Verify error for invalid username format	1. Enter invalid username (e.g., special characters) 2. Enter valid password 3. Click Login	Username: @#$$% Password: Test@123	Error message displayed	System should reject special characters in username	FAIL	Medium
TC-036	Login with case-sensitive username/password	Functional	User is registered	Verify login credentials are case-sensitive	1. Enter username in different case 2. Enter valid password 3. Click Login	Username: TestUser Password: TEST@123	Error message displayed	Login should be case-sensitive	FAIL	Medium
TC-037	Verify password field masking	UI Testing	User is on Login Page	Ensure password field hides input characters	1. Enter password 2. Check if characters are masked	Password: Test@123	Password is visible	Password should be masked	PASS	High
TC-038	Login button disabled when fields are empty	UI Testing	User is on Login Page	Verify if Login button is disabled for empty fields	1. Check Login button before entering data	N/A	Button is enabled	Button should be disabled until required fields are filled	FAIL	Medium
TC-039	Verify "Enter" key submits login form	Functional	User is on Login Page	Ensure login works using Enter key	1. Enter valid username 2. Enter valid password 3. Press Enter	Username: Kartik Password: Kartik@123	Nothing happens	Login should be triggered on pressing Enter key	PASS	Medium

TC ID	Title	Type	Precondition	Objective	Steps	Test Data	Actual Result	Expected Result	Status	Priority
TC-040	Login with leading/trailing spaces in username	Functional	User is on Login Page	Verify system trims spaces from username	1. Enter username with spaces 2. Enter valid password 3. Click Login	Username: " Kartik " Password: Kartik@123	Error or success message	System should trim spaces before processing	FAIL	Medium
TC-041	Verify login page responsiveness	UI Testing	User is on Login Page	Verify page adapts to different screen sizes	1. Open Login page on different devices 2. Resize browser window	N/A	Layout broken	Page should be fully responsive	PASS	High
TC-042	Login with browser autofill credentials	Functional	User has saved credentials	Verify login works with browser autofill	1. Allow browser to autofill credentials 2. Click Login	Autofilled credentials	Login successful	User should be able to log in using autofill	PASS	Medium
TC-043	Verify error message disappears on new input	UI Testing	User is on Login Page	Ensure validation error disappears on input change	1. Enter invalid data 2. Click Login 3. Enter valid data	N/A	Error message remains	Error message should disappear once valid input is entered	FAIL	Low
TC-044	Verify login session persistence after refresh	Functional	User is logged in	Ensure session persists after page refresh	1. Login successfully 2. Refresh the page	N/A	User is logged out	User should remain logged in	PASS	High
TC-045	Verify "Forgot Password" link redirection	Functional	User is on Login Page	Ensure "Forgot Password" link redirects correctly	1. Click on "Forgot Password" link	N/A	Link not working	Link should redirect to password reset page	FAIL	Medium
TC-046	Verify login attempt lockout after multiple failures	Security	User is on Login Page	Ensure system locks user after repeated failures	1. Enter incorrect credentials multiple times 2. Click Login repeatedly	Incorrect credentials	No lockout occurs	System should lock account after multiple failed attempts	FAIL	High
TC-047	Verify Login page loads within acceptable time	Performance	User is on Login Page	Ensure page loads quickly	1. Load the Login page 2. Measure load time	N/A	Takes more than 5 sec	Page should load within 3 sec	PASS	High
TC-048	Search Functionality with invalid	Negative test	Any Operating system with a running Internet connection and Chrome Browser	Verify the search functionality with invalid details	1. Open a web browser. 2. Enter https://write-wave-gamma.vercel.app/. 3. Type "absgdshag" on the Search Bar. 4. Press Enter or click the search button.	Search term = "assdnasfj"	The system should be display a message like "No result Found"	Same as Expected Result	PASS	High
TC-049	Add to cart functionality	UI/UX	Any Operating system with a running Internet connection and Chrome Browser	Verify the add to cart icon visible on the product	1. Open a web browser. 2. Enter https://write-wave-gamma.vercel.app/. 3. Type "Coffee" on the Search Bar. 4. Press Enter or click the search button. 5.Check add to cart icon is visible	None	Icon is visible in the bottom of the product and its accessible	Same as Expected Result	PASS	High
TC-050	Add to cart functionality	Functionality	Any Operating system with a running Internet connection and Chrome Browser	Verify the add to cart icon is visible on the product and its working	1. Open a web browser. 2. Enter https://write-wave-gamma.vercel.app/. 3. Type "Coffee" on the Search Bar. 4. Press Enter or click the search button. 5.Check add to cart icon is visible	None	Icon is visible in the bottom of the product and its accessible	Same as Expected Result	PASS	High
TC-051	Footer Links	Functionality	Any Operating system with a running Internet connection and Chrome Browser	Verify Quicks links Home	1.Open the Web Browser. 2.Enter the Url https://write-wave-gamma.vercel.app/ 3.Go the footer Section 4.Click on the Home link	None	After click on the Home link redirect to the home	Links is not working	FAIL	High
TC-052	Footer Links	Functionality	Any Operating system with a running Internet connection and Chrome Browser	Verify Quicks links About	1.Open the Web Browser. 2.Enter the Url https://write-wave-gamma.vercel.app/ 3.Go the footer Section 4.Click on the About link	None	After click on the About link redirect to the About Section	Links is not working	FAIL	High
TC-053	Footer Links	Functionality	Any Operating system with a running Internet connection and Chrome Browser	Verify Quicks links Contact	1.Open the Web Browser. 2.Enter the Url https://write-wave-gamma.vercel.app/ 3.Go the footer Section 4.Click on the Contact link	None	After click on the Contact link redirect to the Contact Section	Links is not working	FAIL	High
TC-054	Footer Links	Functionality	Any Operating system with a running Internet connection and Chrome Browser	Verify Quicks links Privacy Policy	1.Open the Web Browser. 2.Enter the Url https://write-wave-gamma.vercel.app/ 3.Go the footer Section 4.Click on the Privacy Policy link	None	After click on the Privacy Policy link redirect to the Page	Links is not working	FAIL	High
TC-055	Footer Links	Functionality	Any Operating system with a running Internet connection and Chrome Browser	Verify Follow Us GitHub	1.Open the Web Browser. 2.Enter the Url https://write-wave-gamma.vercel.app/ 3.Go the footer Section 4.Click on the GitHub Icon	None	After click on the GitHub Icon link redirect to the Page	Redirect to Site	PASS	High
TC-056	Footer Links	Functionality	Any Operating system with a running Internet connection and Chrome Browser	Verify Follow Us Linkdin	1.Open the Web Browser. 2.Enter the Url https://write-wave-gamma.vercel.app/ 3.Go the footer Section 4.Click on the Linkdlin Icon	None	After click on the Linkdin Icon link redirect to the Page	Redirect to Site	PASS	High
TC-057	Footer Links	Functionality	Any Operating system with a running Internet connection and Chrome Browser	Verify Follow Us Twitter	1.Open the Web Browser. 2.Enter the Url https://write-wave-gamma.vercel.app/ 3.Go the footer Section 4.Click on the Twitter Icon	None	After click on the Twitter Icon link redirect to the Page	Redirect to Site	PASS	High
TC-058	Footer Links	Functionality	Any Operating system with a running Internet connection and Chrome Browser	Verify Follow Us Facebook	1.Open the Web Browser. 2.Enter the Url https://write-wave-gamma.vercel.app/ 3.Go the footer Section 4.Click on the Facebook Icon	None	After click on the Facebook Icon link redirect to the Page	Redirect to Site	PASS	High
TC-059	Footer Links	Functionality	Any Operating system with a running Internet connection and Chrome Browser	Verify Let Us Help You Your Account	1.Open the Web Browser. 2.Enter the Url https://write-wave-gamma.vercel.app/ 3.Go the footer Section 4.Click on the Your Account	None	After click on the Your Account link redirect to the Page	Redirect to Site	FAIL	High
TC-060	Footer Links	Functionality	Any Operating system with a running Internet connection and Chrome Browser	Verify Let Us Help You Returns Centre	1.Open the Web Browser. 2.Enter the Url https://write-wave-gamma.vercel.app/ 3.Go the footer Section 4.Click on the Returns Centre	None	After click on the Return Centre link redirect to the Page	Redirect to Site	FAIL	High

	TC-061	Footer Links	Functionality	Any Operating system with a running Internet connection and Chrome Browser	Verify Let Us Help You Recalls and Product Safety Alerts	1.Open the Web Browser. 2.Enter the Url https://write-wave-gamma.vercel.app/ 3.Go the footer Section 4.Click on the Recalls and Product Safety Alerts	None	After click on the Recalls and Product Safety Alerts link redirect to the Page	Redirect to Site	FAIL	High
	TC-062	Footer Links	Functionality	Any Operating system with a running Internet connection and Chrome Browser	Verify Let Us Help You Help	1.Open the Web Browser. 2.Enter the Url https://write-wave-gamma.vercel.app/ 3.Go the footer Section 4.Click on the Help	None	After click on the Help link redirect to the Page	Redirect to Site	FAIL	High