

Manual Testing for FAITE Learn Website

Test Cases for Registration Page

Test Case ID	Test Case Description	Steps to Execute	Expected Result	Actual Result P/F
TC_REG_001	Verify the registration form is displayed properly	Open the registration page in the browser.	The registration form should be visible with all input fields and the "Register" button.	Pass
TC_REG_002	Verify registration with all valid inputs	Enter valid details in all fields and click "Register".	Registration should be successful; user should be redirected to a login page.	Pass
TC_REG_003	Verify error message for missing first name	Leave the "First name" field blank and fill in all other fields.	An error message should be displayed, stating "First name is required."	Pass
TC_REG_004	Verify error message for invalid email format	Enter an invalid email format (e.g., "test@com") and fill other fields.	An error message should be displayed, stating "Invalid email format."	Pass

TC_REG_005	Verify password confirmation mismatch	Enter different values in "Password" and "Confirm password" fields.	An error message should be displayed, stating "Passwords do not match."	Pass
TC_REG_006	Verify error message for empty password fields	Leave the "Password" and "Confirm password" fields blank.	An error message should be displayed, stating	Pass
TC_REG_007	Verify registration with already registered email	Enter an already registered email and fill in other fields correctly.	An error message should be displayed, stating "Email already exists."	Fail
TC_REG_008	Verify country selection dropdown functionality	Click on the "Select a country" dropdown and choose an option.	The country dropdown should be clickable, and the selected country should appear in the dropdown field.	Pass
TC_REG_009	Verify "Register" button functionality	Click on the "Register" button without filling any field.	Error messages should be displayed for each required field.	Pass

Test Cases for Login Page

Test Case ID	Test Case Description	Steps to Execute	Expected Result	Actual Result P/F
TC_LOGIN_001	Verify the login form is displayed properly	Open the login page in the browser.	The login form should be visible with "Email" and "Password" fields and "Login" button.	Pass
TC_LOGIN_002	Verify login with valid credentials	Enter a valid email and password and click "Login".	The user should be successfully logged in and redirected to the special courses page.	Pass
TC_LOGIN_003	Verify login with invalid credentials	Enter an invalid email or password and click "Login".	An error message should be displayed, stating "Invalid credentials."	Pass
TC_LOGIN_004	Verify "Forgot Password?" link functionality	Click on the "Forgot Password?" link.	The user should be redirected to the password recovery page.	Fail
TC_LOGIN_005	Verify "Register" link functionality	Click on the "Register" link.	The user should be redirected to the registration page.	Pass

TC_LOGIN_006	Verify login with empty fields	Leave both "Email" and "Password" fields empty and click "Login".	Error messages should be displayed for both "Email" and "Password" fields.	Pass
TC_LOGIN_007	Verify error message for unregistered email	Enter an unregistered email and any password and click "Login".	An error message should be displayed, stating "Email not found."	Pass
TC_LOGIN_008	Verify email field accepts valid email formats	Enter various valid email formats (e.g., "user@example.com").	The email field should accept all valid email formats .	Pass
TC_LOGIN_009	Verify password field hides input characters	Enter any password in the "Password" field.	The password input should be masked (hidden) with dots or asterisks.	Pass

Failed test cases

TC_REG_007 : Registration with already registered email

TC_LOGIN_004: Forgot Password?

ISSUE & SUGGESTIONS

1. We need to add **logout** option

2. • **Check for Existing Email:** Before registering a new user, query the database to see if the **provided email already exists**.

• **Provide Feedback:** If the email already exists, show an error message to the user and prevent registration. If the email doesn't exist, proceed with the registration.

3. Forgot password function need to build

4. Select country field user can give the wrong country so I think we can remove that field

5. Email Verification After Registration

When a user registers on the website, they may provide a validly formatted email, but it may not be an actual email they own or a verified Google account. To ensure that users can only access the website with a real, verified email, we need to implement an email verification process.

Suggestions

1. **User Registration:** The user enters their information, including a valid email.
2. **Send Verification Email:** After the registration form is submitted, a verification email is sent to the user's provided email address. This email contains a unique verification link.
3. **Email Verification:** The user must click on the verification link, which directs them back to the website, confirming their email.
4. **Account Activation:** Once the email is verified, the user's account is activated, and they are granted access to the website.