

Software Testing Project on LegalSite

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Objective: The project's focus is testing of [LegalSite](#), a legal services platform, to ensure optimal functionality, user experience, and security.

Key Activities:

1.Requirements & Test Cases:

1. 10 requirements were established, further related to test cases and bug findings
2. Generated two functional test cases as examples, demonstrating meticulous attention to detail in verifying core functionalities such as user registration and subscription management.

2.Bug Identification & Documentation:

1. Utilized Jira for tracking and documenting 10 significant bugs
2. For each bug, I optionally formulated some brief actionable suggestions.

Requirements

- 1.R-LMI-1 (Text/Content Accuracy):** Correct Spelling of "Sign Up" Button Label
- 2.R-LMI-2 (Field Validation/Data Integrity):** The "Full name" input field on the registration page must only accept alphabetic characters
- 3.R-LMI-3 (Input Length Validation):** The "Full name" field should have defined character limits (minimum of 4, maximum of 50)
- 4.R-LMI-4 (Email Validation/Domain Verification):** The email input field should validate for complete email address formats and check for the existence of the email domain.
- 5.R-LMI-5 (Password Security):** Password fields must enforce the creation of strong passwords by requiring a mix of alphanumeric and special characters.
- 6.R-LMI-6 (UX/UI Clarity):** Button labels should clearly indicate the action they perform, especially for process-driven actions like account creation.
- 7.R-LMI-7 (Subscription Management):** Users must be able to upgrade their subscription plans without encountering system errors or blockages.
- 8.R-LMI-8 (UI/UX Design):** The Dashboard should have a clean design free of unnecessary scrollbars that may confuse users.
- 9.R-LMI-9 (Authentication/Password Management):** Password reset functionality should accurately recognize and accept valid registered email addresses.
- 10.R-LMI-10 (Functionality/UI Flow):** Action buttons, such as "Create Request", should become enabled after all mandatory fields are filled correctly.

Test cases in TestRail – two examples

Requirement:

R-LMI-2 (Field Validation/Data Integrity): The "Full name" input field on the registration page must only accept alphabetic characters

C83

Verify If "Full name" field accepts special characters and numbers

← →

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✎ Edit

Sign Up Test > Test Cases

Type	Priority	Assigned To	Estimate
Functional	High	None	None
References	Automation Type		
None	None		

Preconditions

User has access to the LegalSite platform registration form.

User is not logged in to any existing account.

Steps

1

Launch a web browser and navigate to the LegalSite registration page.

The LegalSite registration page loads successfully without errors.

2

Locate the "Full name" input field.

The "Full name" input field is visible and editable on the registration form.

3

Enter a name with a variety of special characters

The "Full name" input field doesn't accept the name with special characters and an error messages is displayed indicating that special characters are not allowed.

4

Enter a name with numbers

The "Full name" input field does not accept the name with numbers, and an error message is displayed indicating that numerical characters are not allowed.

5

Attempt to submit the form with each of these inputs.

The registration form does not submit when invalid characters are entered in the "Full name" field. An error message is displayed.

Requirement:
R-LMI-7 (Subscription Management): Users must be able to upgrade their subscription plans without encountering system errors or blockages.

C84

Verify Subscription Plan Upgrade Functionality

Sign Up Test > Test Cases

Type

Functional

References

None

Priority

Medium

Automation Type

None

Assigned To

None

Preconditions

User has a registered account on LegalSite with current access to the standard subscription plan

User is logged into the account

Payment information required for the upgrade

Steps

Access the website <https://app.legalsite.co> and Sign up/ Log in;

Click on the "Choose this plan" button from the Business plan section;

Click on checkout;

Confirm the selection and proceed with the payment process;

Expected Result

Upon confirmation and payment, users with a standard subscription plan should successfully upgrade to the Business plan without encountering any errors, provided all upgrade criteria are met.

Jira- 10 bugs logged

▼ Backlog (10 issues)

0




0

0






Create sprint

<div><div></div><div>LMI-1 [UI][Text/Content]Typo in "Signup" Text on Sign-Up Page</div></div>	TO DO ▼	<div>-</div> <div><div></div></div>
<div><div></div><div>LMI-2 [Validation][DataIntegrity]Field "Full name" doesn't return an error when special characters/numbers are added</div></div>	TO DO ▼	<div>-</div> <div><div></div></div>
<div><div></div><div>LMI-3 [Validation][DataIntegrity]The "Full name" field doesn't have a limitation on the maximum or minimum number of characters</div></div>	TO DO ▼	<div>-</div> <div><div></div></div>
<div><div></div><div>LMI-4 [Email Validation][User Input]Acceptance of Incomplete/Nonexistent domain Email Address</div></div>	TO DO ▼	<div>-</div> <div><div></div></div>
<div><div></div><div>LMI-5 [Security]Password field allows easy to guess/weak passwords</div></div>	TO DO ▼	<div>-</div> <div><div></div></div>
<div><div></div><div>LMI-6 [UX/UI] Misleading "Next step" Button label</div></div>	TO DO ▼	<div>-</div> <div><div></div></div>
<div><div></div><div>LMI-7 [Subscription Upgrade][Plan Selection]Users are unable to upgrade to the Business plan</div></div>	TO DO ▼	<div>-</div> <div><div></div></div>
<div><div></div><div>LMI-8 [UI/UX]Unnecessary scrollbar appears at the middle bottom of the Dashboard page,</div></div>	TO DO ▼	<div>-</div> <div><div></div></div>
<div><div></div><div>LMI-9 [Authentication][PasswordReset]Error When Entering Valid Email for Password Reset</div></div>	TO DO ▼	<div>-</div> <div><div></div></div>
<div><div></div><div>LMI-10 [Dashboard] "Create Request" Button remains disabled in inbox on dashboard</div></div>	TO DO ▼	<div>-</div> <div><div></div></div>

Jira- 10 bugs logged

Projects /  LegalSite-Marina lor... /  Add epic /  LMI-1

[UI][Text/Content]Typo in "Signup" Text on Sign-Up Page

 Attach  Add a child issue  Link issue  

Description • Unsaved changes

The text intended to invite users to create a new account on the Sign Up page is incorrectly spelled as "Signup" instead of " Sign up".

Steps to reproduce:

- Access the website <https://app.legalsite.co>
- Go to sign up section on the righ side of the landing page

Expected results:

The "Signup" should be written as "Sign up"

Actual result:

It is displayed as "Signup" instead of "Sign up"

Suggestion for improvement:

Correct the spelling to "Sign up". Developers should start by identifying where the text "Signup" is defined in the codebase.

Repro rate: 5/5

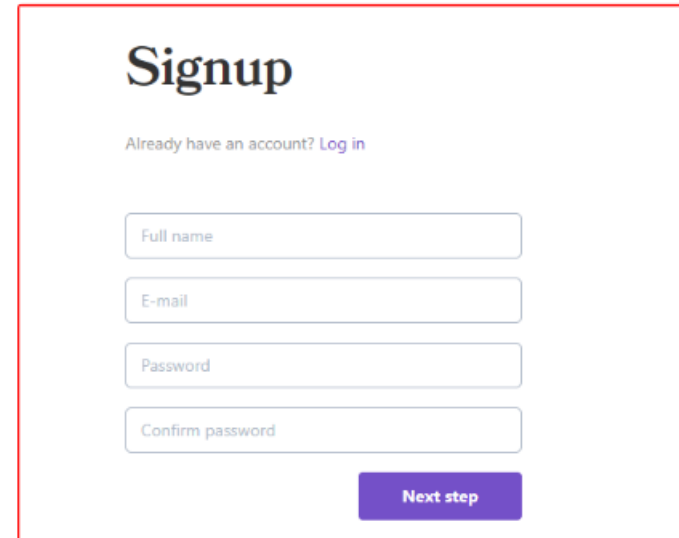
Environment: Production

Browser: Chrome 121.0.6167.185; Firefox 121.0.1

Priority: Low






Severity: Low

Please check the following screenshot:



The screenshot shows a web page titled "Signup" in a large, bold, black serif font. Below the title, there is a link "Already have an account? Log in" in a smaller, purple font. The page contains four input fields stacked vertically: "Full name", "E-mail", "Password", and "Confirm password". Each field has a light gray border and placeholder text. At the bottom right of the form, there is a purple button with the text "Next step" in white.

[Validation][DataIntegrity]Field "Full name" doesn't return an error when special characters/numbers are added

 Attach  Add a child issue  Link issue  

Description

The "Full Name" field allows users to enter special characters and numbers without displaying an error message.

Steps to reproduce:

- Access the website <https://app.legalsite.co>
- Go to sign up section on the right side of the landing page
- In the "Full Name" field, enter a name that includes special characters or numbers (e.g., "45KarN173!(@#").
- Complete the email, password as required
- Submit the form

Expected results:

An error message should be displayed, indicating that special characters and numbers are not allowed in the "Full Name" field.

Actual result:

The form submits successfully without any error messages related to the "Full Name" field.

Suggestion for improvement:

Implement validation on the "Full Name" field to ensure only alphabetical characters and appropriate punctuation marks (e.g., apostrophes for names like O'Neil) are accepted. If invalid characters are entered, the system should display a clear error message guiding the user to enter a valid full name.

Repro rate: 5/5






Environment: Production

Browser: Chrome 121.0.6167.185; Firefox 121.0.1

Priority: High

Severity: High

[Validation][DataIntegrity]The "Full name" field doesn't have a limitation on the maximum or minimum number of characters

 Attach  Add a child issue  Link issue  

Description • Unsaved changes

The "Full name" field on the sign up form allows users to enter a string of characters without a limitation to a maximum length or to a minimum length.

Steps to reproduce:

- Access the website <https://app.legalsite.co>
- Check the sign-up section on the right side of the landing page.
- In the "Full Name" field, first enter a very short string (e.g., "A") to test the minimum limit, and then a very long string (e.g., 300 characters) to test the maximum limit.
- Complete the email and password fields as required.
- Submit the form.

Expected results:

An error message should be displayed if the input in the "Full Name" field does not meet the required minimum or exceeds the maximum character count, guiding the user to provide a name within the acceptable range.

Actual result:

The form submits successfully without any error messages related to the character count in the "Full Name" field, regardless of whether the input is excessively short or long.

Suggestion for improvement:

Implement input validation rules for the "Full Name" field to include both minimum and maximum character limits (e.g., minimum 4 characters, maximum 50 characters). If the entered name does not match these limits, the system should indicate the acceptable character range to the user.

Repro rate: 5/5

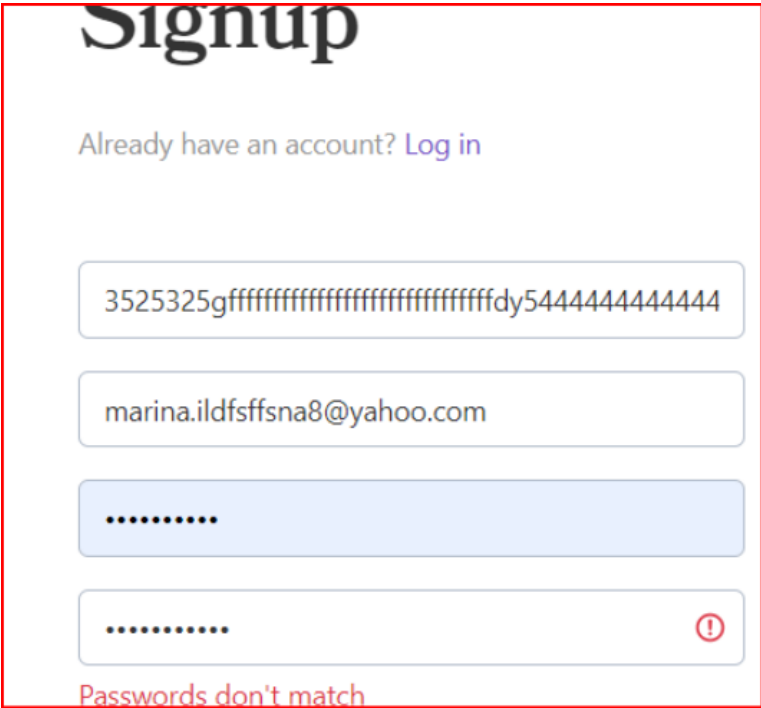
Environment: Production

Browser: Chrome 121.0.6167.185; Firefox 121.0.1


Priority: High

Severity: High


Please check the following screenshot with an excessively long string of characters. The only error message is related to password.





The screenshot shows a 'Signup' form with the following fields and content:


- Title:** Signup
- Link:** Already have an account? [Log in](#)
- Full Name:** 3525325gfffffffffffffffffffffffffffffdy5444444444444
- Email:** marina.ildfsffsna8@yahoo.com
- Password:** [Redacted with dots]
- Confirm Password:** [Redacted with dots] 
- Error Message:** Passwords don't match


[Email Validation][User Input]Acceptance of Incomplete/Nonexistent domain Email Address

 Attach

 Add a child issue

 Link issue





Description

The "Email" field in the application's form permits the entry and submission of incomplete/nonexistent email addresses, bypassing standard email validation checks.

Steps to Reproduce:

1. Open the website and navigate to the Sign Up form where the "Email" field is present.
2. Enter an incomplete (e.g., "user@domain") into the "Email" field.
3. Submit the form.

Expected Results: The system should reject incomplete/nonexistent domain email addresses by displaying an error message.

Actual Results: The form submission is successful even with incomplete/nonexistent email addresses entered in the "Email" field.

Suggestion for Improvement: Enhance the email validation logic to more accurately identify and reject incomplete or unlikely to exist email addresses. This could involve:

- Implementing checks against a list of valid domain names or using external services to verify domain existence.
- Providing clear error messages to guide users in correcting their input.

Repro Rate: 5/5

Environment: Production

Browser: Chrome 121.0.6167.185; Firefox 121.0.1

Priority: High

Severity: High

[Security] Password field allows easy to guess/weak passwords

 Attach

 Add a child issue

 Link issue



Description

The password field in the Sign Up form permits the use of weak, easily guessable passwords, such as "123456" or "password," without enforcing strong password criteria.

Steps to reproduce:

- Access the website <https://app.legalsite.co>
- Go to sign up section on the right side of the landing page
- Enter a weak, easily guessable password into the password field (e.g., "password" or "123456")
- Complete the fields required
- Submit the form

Expected results:

The system should enforce strong password policies, rejecting weak, easily guessable passwords by displaying an error message and requiring users to create a password that meets specific criteria (e.g., a mix of uppercase and lowercase letters, numbers, and special characters).

Actual result:

The form accepts weak, easily guessable passwords.

Suggestion for improvement:

Implement or enhance password strength validation mechanisms to ensure that users create strong, secure passwords.

Repro rate: 5/5






Environment: Production

Browser: Chrome 121.0.6167.185; Firefox 121.0.1

Priority: High

Severity: High

[UX/UI] Misleading "Next step" Button label

 Attach  Add a child issue  Link issue  

Description

Normal text  **B** *I* ...           + 

The "Next step" button is misleadingly labeled, potentially causing confusion about the action it performs. It should be more accurately named "Sign up" or "Create account" to clearly indicate its function.

Steps to reproduce:

- Access the website <https://app.legalsite.co>
- Go to sign up section on the right side of the landing page
- Check the text of the button used to confirm registration

Expected results:

The button should be labeled as "Sign up" or "Create account," directly informing the user that clicking it will proceed with account creation.

Actual result:

The button is labeled as "Next step," which is vague and does not specifically convey that it is the final step to create an account or complete the sign-up process.

Suggestion for improvement:

Rename in de source code the "Next step" button to "Sign up" or "Create account" to improve clarity and user experience.

Repro rate: 5/5

Environment: Production

Browser: Chrome 121.0.6167.185; Firefox 121.0.1

Priority: Low

Severity: Low






Please check the following screenshot:

Signup

Already have an account? [Log in](#)

Next step

[Subscription Upgrade][Plan Selection]Users are unable to upgrade to the Business plan

 Attach  Add a child issue  Link issue  

Description • Unsaved changes

Users are unable to upgrade to the Business plan after creating an account, despite the option being visibly offered.

Steps to reproduce:

- Access the website <https://app.legalsite.co>
- Sign up
- Click on the "Choose this plan" button from the Business plan section and then to checkout

Expected results:

Users should be able to upgrade to the Business plan.

Actual result:

The error message "You already have a subscription with us" is displayed, even if the user doesn't have a Business plan.

Suggestion for improvement:

Ensure that the plan upgrade options are correctly linked in the user account.

Repro rate: 5/5

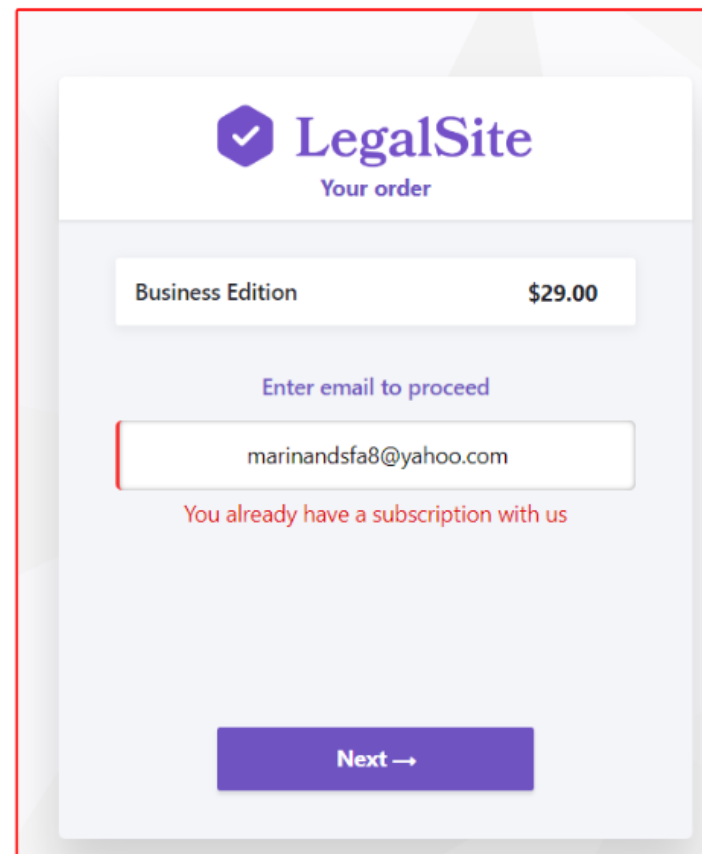
Environment: Production

Browser: Chrome 121.0.6167.185; Firefox 121.0.1

Priority: High

Severity: High

Please check the following screenshot:



[UI/UX]Unnecessary scrollbar appears at the middle bottom of the Dashboard page,

Attach Add a child issue Link issue ▾ ⋮

Description

An unnecessary scrollbar appears at the middle bottom of the Dashboard page.

Steps to reproduce:

- Log into the platform and navigate to the Dashboard page.
- Check the middle bottom section of the page for the presence of a scrollbar.

Expected results:

The Dashboard page should display content without unnecessary scrollbar.

Actual result:

An unnecessary scrollbar is present at the middle bottom of the Dashboard page, which may confuse users.

Suggestion for improvement:

Investigate the cause of the unnecessary scrollbar, which could be due to excess padding, margin, or a specific CSS style applied incorrectly to an element on the page.

Repro rate: 5/5

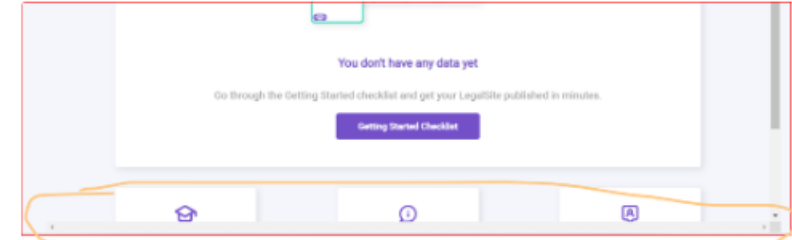
Environment: Production

Browser: Chrome 121.0.6167.185; Firefox 121.0.1

Priority: Low

Severity: Low

Please check the following screenshot:



[Authentication][PasswordReset]Error When Entering Valid Email for Password Reset

[Attach](#) [Add a child issue](#) [Link issue](#) [▼](#) [...](#)

Description

Users receive an error message stating "You've entered an incorrect email address" after entering a valid email address on the password reset page. This issue prevents users from proceeding with the password recovery process.

Steps to Reproduce:

1. Navigate to the Login form.
2. Choose the option "Forgot your password?"
3. Enter a valid email address associated with an existing account and submit the form.

Expected Results: After submitting a valid email address, users should receive instructions for resetting their password via an email link.

Actual Results: Despite entering a valid email address, an error message appears stating "You've entered an incorrect email address," blocking users from the password reset process.

Suggestion for Improvement: Review and correct the email validation logic on the password reset page to ensure it accurately recognizes valid email addresses.

Repro Rate: 5/5

Environment: Production

Browser: Chrome 121.0.6167.185; Firefox 121.0.1

Priority: High

Severity: High

Please check the following screenshot:

You've entered an incorrect email address

Forgot Password

Place your e-mail in the field below. We will send you a link with the instructions to follow.

marina.ileana8@yahoo.com

[Return to login](#)

[Send](#)

[Dashboard] "Create Request" Button remains disabled in inbox on dashboard

[Attach](#) [Add a child issue](#) [Link issue](#) [▼](#) [...](#)

Description

Users are unable to submit a new request from the Inbox section of the Dashboard, as the "Create request" button remains disabled (grayed out) regardless of all required fields being filled out.

Steps to Reproduce:

- Log into the platform and navigate to the Dashboard.
- Access the Inbox section where the option to create a new request is available.
- Fill out all necessary fields in the request creation
- Notice that the "Create request" button remains disabled (grayed out)

Expected Results: After filling out all required fields in the form, the "Create request" button should become active (i.e., change from grayed out to a visually enabled state), allowing the user to submit the new request.

Actual Results: Despite correctly filling out all required fields, the "Create request" button remains disabled, preventing the submission of the request.

Suggestion for Improvement: Investigate the form validation logic and the conditions under which the "Create request" button is enabled.

Repro Rate: 5/5

Environment: Production

Browser: Chrome 121.0.6167.185; Firefox 121.0.1

Priority: High

Severity: High

