

## BRIGHTSG | sdet-tech-test

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The following test cases were chosen to cover a range of functional areas and user flows across the website.

Test Case ID	Sdet-tech-test-01
Title	The homepage loads correctly
Objective	To ensure that the website is working as expected
Preconditions	User is connected to the internet
Test Steps (happy path)	<ol style="list-style-type: none"><li>1. Navigate to <a href="https://brightsg.com/">https://brightsg.com/</a></li><li>2. Wait for the page to fully load</li></ol>
Test Steps (unhappy path)	<ol style="list-style-type: none"><li>1. Attempt to load page with disabled JavaScript</li></ol>
Test Data	N/A
Expected Results	<ul style="list-style-type: none"><li>• The homepage loads without broken images or missing content.</li><li>• The homepage displays hero section, navigation menu, footer, and images without errors.</li></ul>
Post Conditions	User remains on the homepage
Status	Automated test created in homepage.cy.ts and passes

Test Case ID	Sdet-tech-test-02
Title	Navigation to <i>Small &amp; Medium Businesses</i> page
Objective	Verify that the Solutions navigation menu correctly routes to the <i>Small &amp; Medium Businesses</i> page
Preconditions	<ul style="list-style-type: none"><li>• The homepage has successfully loaded</li><li>• The location pop-up has been dismissed</li></ul>
Test Steps (happy path)	<ol style="list-style-type: none"><li>1. Hover over Software solutions in the top left of the navigation bar</li><li>2. Click on Small &amp; Medium Businesses in the pop up modal</li></ol>
Test Data	N/A
Expected Results	User is routed to /small-medium-businesses The contents of the page load without issues

<b>Test Case ID</b>	<b>Sdet-tech-test-02</b>
<b>Post Conditions</b>	The user now remains on the <i>Small &amp; Medium Businesses</i> page
<b>Status</b>	Automated test created in navigation.cy.ts and passes

<b>Test Case ID</b>	<b>Sdet-tech-test-03</b>										
<b>Title</b>	Book a Demo — valid form submission (happy path)										
<b>Objective</b>	Verify that the user can successfully book a demo with valid input data										
<b>Preconditions</b>	<ul style="list-style-type: none"> <li>• User should be on the homepage</li> <li>• User should dismiss any pop ups</li> </ul>										
<b>Test Steps (happy path)</b>	<ol style="list-style-type: none"> <li>1. Click <i>Book a Demo</i> button in the top right of the navigation bar</li> <li>2. User is redirected to /product-demo/</li> <li>3. Fill in all required fields with valid data</li> <li>4. Clicks <i>submit</i></li> </ol>										
<b>Test Data</b>	<table> <tr> <td>First Name</td> <td>{Jane}</td> </tr> <tr> <td>Surname</td> <td>{Smyth}</td> </tr> <tr> <td>Phone Number</td> <td>{0123456789}</td> </tr> <tr> <td>Email Address</td> <td>{jane@test.com}</td> </tr> <tr> <td>Company Name</td> <td>{Test Company}</td> </tr> </table>	First Name	{Jane}	Surname	{Smyth}	Phone Number	{0123456789}	Email Address	{jane@test.com}	Company Name	{Test Company}
First Name	{Jane}										
Surname	{Smyth}										
Phone Number	{0123456789}										
Email Address	{jane@test.com}										
Company Name	{Test Company}										
<b>Expected Results</b>	<ul style="list-style-type: none"> <li>• Valid submission shows confirmation page or success message (or a 200 message in the inspect tools network tab)</li> <li>• An invalid submission should highlight invalid fields or display an error message</li> </ul>										
<b>Post Conditions</b>	Form submission is recorded in the backend database										
<b>Status</b>	Automated test created in demoForm.cy.ts and passes										

<b>Test Case ID</b>	<b>Sdet-tech-test-04</b>
<b>Title</b>	Book a Demo — invalid form submission using email field (unhappy path)
<b>Objective</b>	To ensure that the form correctly rejects invalid email formats
<b>Preconditions</b>	User has navigated to the demo form
<b>Test Steps (unhappy path)</b>	<ol style="list-style-type: none"> <li>1 . Fill in all required fields with invalid data or empty fields</li> <li>2. Enter an invalid email address into the email field</li> <li>3. Click submit</li> </ol>
<b>Test Data</b>	Invalid Emails : {test@}, {user@domain}, {@test.com}, {testaddress}
<b>Expected Results</b>	An error message should be visible on the page for any invalid email entries
<b>Post Conditions</b>	<ul style="list-style-type: none"> <li>• Form submission is recorded in the backend database if successful</li> <li>• Form remains un-submitted if an invalid email has been used</li> </ul>
<b>Status</b>	To be Tested

<b>Test Case ID</b>	<b>Sdet-tech-test-05</b>
<b>Title</b>	Verify Instagram social media icon redirects correctly
<b>Objective</b>	To ensure that clicking the Instagram icon in the footer successfully redirects users to the Bright Instagram Page
<b>Preconditions</b>	User has navigated to the footer of the homepage
<b>Test Steps</b>	<ol style="list-style-type: none"> <li>1. Scroll to the footer of the homepage</li> <li>2. Locate the Instagram social media icon</li> <li>3. Click the Instagram icon</li> </ol>
<b>Test Data</b>	N/A
<b>Expected Results</b>	The user is redirected to the Bright Instagram page
<b>Post Conditions</b>	The user remains on the instagram page
<b>Status</b>	Automated test created in homepage.cy.ts and passes

<b>Test Case ID</b>	<b>Sdet-tech-test-06</b>
<b>Title</b>	Access to webinar recording
<b>Objective</b>	To verify user has access to webinar content

<b>Test Case ID</b>	Sdet-tech-test-06
<b>Preconditions</b>	User has access to <i>Resource Hub</i> tab in the navigation bar
<b>Test Steps</b>	<p>1. From the homepage click on the <i>Resource Hub</i> tab in the navigation bar</p> <p>2. Scroll down the page and select a past webinar</p> <p>3. Scroll down the page and fill in the form to watch on-demand (include valid first name, surname and email address)</p> <p>4. Click <i>Watch the Webinar!</i></p>
<b>Test Data</b>	First Name {Jane} Surname {Smyth} Email Address {jane@test.com}
<b>Expected Results</b>	User should be redirected to the webinar and given access to watch the content
<b>Post Conditions</b>	User is able to watch the webinar video
<b>Status</b>	To be Tested