

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)	1. Navigate to https://brightsg.com/ 2. Wait for the page to fully load
Test Steps (unhappy path)	1. Attempt to load page with disabled JavaScript
Test Data	N/A
Expected Results	<ul style="list-style-type: none">• The homepage loads without broken images or missing content.• The homepage displays hero section, navigation menu, footer, and images without errors.
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 & Medium Businesses</i> page
Objective	Verify that the Solutions navigation menu correctly routes to the <i>Small & Medium Businesses</i> page
Preconditions	<ul style="list-style-type: none">• The homepage has successfully loaded• The location pop-up has been dismissed
Test Steps (happy path)	1. Hover over Software solutions in the top left of the navigation bar 2. Click on Small & Medium Businesses in the pop up modal
Test Data	N/A
Expected Results	User is routed to /small-medium-businesses The contents of the page load without issues

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

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

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

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

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

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