absolute-zero-testing

Test Case	Description	Steps	Expected Result	Actual Result	PASS/ FAIL	Notes
			Visual / Layout Testing			
1	Chrome browser Responsiveness test	Open website in Chrome browsers Right click > inspect Click toggle device toolbar Set zoom to 50% Click and drag the responsive window from 300px to 3000px. Repeat steps 1-5 across all pages	Layout adjusts correctly for all screen sizes.	Layout adjusts correctly for all screen sizes.	PASS	Screenshots in project repo.
2	Firefox browser Responsiveness test	Open website in Firefox browsers Right click > inspect Click toggle device toolbar Set zoom to 50% Click and drag the responsive window from 300px to 3000px. Repeat steps 1-5 across all pages	Layout adjusts correctly for all screen sizes.	Layout adjusts correctly for all screen sizes.	PASS	
3	Opera browser Responsiveness test	Open website in Opera browsers Right click > inspect Click toggle device toolbar Set zoom to 50% Click and drag the responsive window from 300px to 3000px. Repeat steps 1-5 across all pages	Layout adjusts correctly for all screen sizes.	Layout adjusts correctly for all screen sizes.	PASS	
			Navbar / Footer Testing (base.html)			
4	Navbar test - logged out	1. Open website in browser. 2. Ensure user is logged out 3. Explore nav links.	Nav links behave and link pages as expected. Only 'Register' and 'Login' links available via 'My Account' dropdown.	Nav links behave and link pages as expected. Only 'Register' and 'Login' links available via 'My Account' dropdown.	PASS	
5	Navbar test - logged in	1. Open website in browser. 2. Ensure user is logged in 3. Explore nav links.	Nav links behave and link pages as expected. 'My Profile' and 'Logout' links visible under 'My Account Tab.	Nav links behave and link pages as expected. 'My Profile' and 'Logout' links visible under 'My Account Tab.	PASS	
6	Navbar testing - superuser logged in.	1. Open website in browser. 2. Ensure superuser is logged in 3. Check superuser nav links	As per logged in test, with added 'Add Sheetmusic' tab visible only to superusers/	As per logged in test, with added 'Add Sheetmusic' tab visible only to superusers/	PASS	
			Footer			
7	Check footer links open correctly	1. Open website 2. Click facebook link in footer	Links opens facebook group page in new tab.	Links opens facebook group page in new tab.	PASS	
			Login / Logout Testing			

Test Case	Description	Steps	Expected Result	Actual Result	PASS/ FAIL	Notes
8	Log in test	1. Open Website 2. Ensure user is logged out. 3. Navigate to log in page 4. Enter login details.	User redirected to home page in logged in status. Success toast displays alerting user that they are logged in.	User redirected to home page in logged in status. Success toast displays alerting user that they are logged in.	PASS	
9	Log out test	1. Perform previous test. 2. Navigate to Log out	User redirected to login page. Check nav in logged out status. Toast displays message alerting user they have been logged out	User redirected to login page. Check nav in logged out status. Toast displays message alerting user they have been logged out	PASS	
10	Superuser log in test	1. Open Website 2. Ensure user is logged out. 3. Navigate to log in page 4. Enter login details.	Same as above. Superuser functionality available	Same as above. Superuser functionality available	PASS	
			Create New Account			
11	Create new account	1. Open Website 2. Ensure no users are logged in 3. Get temporary email address 4. Create new account. 5. Verify Email address via email. 6. Login with new login credentials	On submitting new account data, a verification email is sent. Clicking link in email opens new tab where user can verify their account.	On submitting new account data, a verification email is sent. Clicking link in email opens new tab where user can verify their account.	PASS	
			CRUD Testing - Concerts			
12	Add Concert	1. Open Website 2. Ensure superuser is logged in 3. Click 'add concert' 4. Add valid data 5. Click 'Add Concert'	New concert data is displayed on home page.	New concert data is displayed on home page.	PASS	Date picker not implemented at time of testing. Data must be in format dd/mm//yy hh:mm. As this form is only intended for superusers, the superusers can be trained to enter like this. Minimal extra development time available at this stage.
13	Edit Concert	1. Open Website 2. Ensure superuser is logged in 3. Edit a concert by clicking edit link in card. 4. Amend data 5. Click 'Edit Concert' 6. Check data has been edited.	Existing concert data is edited and displayed on home page	Existing concert data is edited and displayed on home page	PASS	Same as Add Concert.
14	Delete Concert	1. Open Website 2. Ensure superuser is logged in 3. Delete a concert via link in card.	Concert Deleted - confirm delete modal appears checking if user is sure.	Concert Deleted - confirm delete modal appears checking if user is sure.	PASS	
			Contact form testing			

Test Case		Description	Steps	Expected Result	Actual Result	PASS/ FAIL	Notes
	15	Send email - valid data	1. Open website 2. Navigate to contact form 3. Complete with valid data 4. Click send	Message sends and arrives in appropriate inbox. success.html rendered and toast displayed	Message sends and arrives in appropriate inbox. success.html rendered and toast displayed	PASS	
	16	Send email - invalid data	1. Open website 2. Navigate to contact form 3. Complete with invalid data: no data, invalid email address. Try various possibilities. 4. Click send	Email field rejects email addresses not in required format. Required fields alert user they must be completed.	Email field rejects email addresses not in required format. Required fields alert user they must be completed.	PASS	
		Sheetmusic Store Testing - valid data.					
	17	Sheetmusic add to basket test	1. Open Website 2. Navigate to any sheetmusic item 3. Click add to basket. 4. Check basket icon in upper right / menu is updated with correct amount. 5. Select another item 6. Repeat step 4 7. Click basket icon 8. Check sheetmusic in basket is correct.	Sheetmusic adds to basket correctly can can be viewed in basket.	Sheetmusic adds to basket correctly can can be viewed in basket.	PASS	
	18	Proceed to checkout test	1. (continuing from previous test). 2. Click proceed to checkout. 3. Check order summary is correct.	Order summary matches basket. From displays ready for payment details.	Order summary matches basket. From displays ready for payment details.	PASS	
	19	Payment test	1. (continued from previous test) 2. Enter information and billing details 3. Enter stripe test payment number (424242 etc) 4. Click complete order.	Order is processed. Confirmation email sent to email address user has supplied. Use redirected to checkout success page.	Order is processed. Confirmation email sent to email address user has supplied. Use redirected to checkout success page.	PASS	
	20	checkout success page test	1. (continued from previous test) 2. Check all details match what was previously entered.	All details match. Order number generated. Toast displays success message with order number.	All details match. Order number generated. Toast displays success message with order number.	PASS	
	21	Checkout success sheet music download.	1. (continued from previous test) 2. Click yellow sheetmusic download button. 3. Opens new tab 4. Check download matches expectations	New tab opens with pdf download displayed in viewer. Option to save present in browser.	New tab opens with pdf download displayed in viewer. Option to save present in browser.	PASS - see notes	Cloudinary does not allow download of pdfs via their free plan. pdfs have been replaced by images for submission. For any public deployment a paid plan and re addition of pdf files will be required.

Test Case	Description	Steps	Expected Result	Actual Result	PASS/ FAIL	Notes
22	Payment test invalid data	1. (same stage as payment test above) 2. enter various invalid data: email, card details 3. try form without required fields	Form is robust. Validation in place so user cannot submit invalid data. Stripe card field feeds back to user card errors.	Form is robust. Validation in place so user cannot submit invalid data. Stripe card field feeds back to user card errors.	PASS	I am satisfied this form is robust.
			Profile			
23	Check save details option works	1. Similar stage to payment test. 2. Complete billing info. 3. Click save billing info check box. 4. Complete order 5. Navigate to my profile 6. Check billing info has been added or changed.	Database is updated correctly after submitting with save billing info box selected.	Database is updated correctly after submitting with save billing info box selected.	PASS	
24	Check default billing details in profile updates correctly	1. Log in 2. Navigate to my profile 3. Update billing information 4. check this is saved 5. Extra check - add sheetmusic to basket, proceed to checkout, check updated billing info matches what was just updated.	Updating billing information works. Fields are not required, no errors if left blank. Changes are present once proceeding to checkout	Updating billing information works. Fields are not required, no errors if left blank. Changes are present once proceeding to checkout	PASS	
25	Previous orders - download check	1. Navigate to my profile. 2. (an order must first be made!) 3. select any previous order number. 4. Click download button.	All previous orders can be accessed. Sheetmusic download functionality works.	All previous orders can be accessed. Sheetmusic download functionality works.	PASS	
			Sheetmusic			
26	All sheet music test.	1. Navigate to 'All sheetmusic' 2. Check all sheetmusic in database displays	All sheetmusic displays	All sheetmusic displays	PASS	
27	Category test	1. Check categories display correctly. 2. Select options for duo, trio, quartet and large ensemble in turn. 3. Ensure categories display correctly.	All categories display correctly. Only sheetmusic is displayed.	All categories display correctly. Only sheetmusic is displayed.	PASS	
28	Search test - sheetmusic title	1. Enter search term by piece (sheetmusic name) for example 'Prelude'	Only sheetmusic with titles matching search term are displayed	Only sheetmusic with titles matching search term are displayed	PASS	

Test Case	Description	Steps	Expected Result	Actual Result	PASS/ FAIL	Notes
29	Search test - composer	1. Enter search term by composer name. for example 'bach'	Only sheetmusic with composers matching search term are displayed	Only sheetmusic with composers matching search term are displayed	PASS	
30	Add Sheetmusic test (superuser)	1. Log in as superuser 2. Click My account > Add Sheetmusic 3. fill in form information 4. Click add sheetmusic. 5. Check sheetmusic appears in store.	Sheetmusic added to store.	Sheetmusic added to store.	PASS	Invalid data was also attempted. form is robust.
31	Edit Sheetmusic test (superuser)	1. Log in as superuser 2. navigate to any sheetmusic details 3. Click edit. 4. Alter data. 5. Click save changes 6. Verify data has been updated via store.	Sheetmusic can be edited.	Sheetmusic can be edited.	PASS	Invalid data was also attempted. form is robust.
32	Delete Sheetmusic test (superuser)	1. Log in as superuser 2. navigate to any sheetmusic details 3. click delete 4. Verify sheetmusic has been deleted from store.	Sheetmusic can be deleted.	Sheetmusic can be deleted.	PASS	Important to note that once sheetmusic is deleted it will no longer be available to users via their order history.