

Test Plan

Server-side Testing

For server-side testing, several functions need to be tested and working for the deadline date. The website must be able to have a way to implement new elements into the database. These entries into the database have 9 variables: the show name, show description, episode count, start date, end date, category ID, studio ID, image name and a boolean to check if the show is airing. Each variable needs to be working and implemented correctly. Once a new entry has been put into the database, it should show up on the index page. Alongside the database interaction, the index page needs to be able to present the modals of each entry of the database. Alongside the server-side testing, the javascript for the entry forms need to work correctly. Each variable needs to be shown and be able to be edited. If the user sets the isAiring variable to "Yes", the end date will automatically hide and be set to NULL. Each modal needs to show all variables, except for the category ID and studio ID, those need to be what the IDs correspond to in the database; showing the actual names of the studios instead of the IDs. Another function of the client-side development is the implementation of the watchlist, the watch list should function correctly by

Mobile First Testing

As specified to the missions, there will be testing for specifically how the website functions on mobile. CSS is especially important when using the website on mobile. In order to perform the tests for mobile, built-in browser features allow the tester to change the view to different mobile devices, allowing mobile testing on desktop. The website needs to perform as it does on desktop, with changes that accommodate the mobile experience; this includes a sliding navbar instead of constantly having it at the top of the screen and more mobile friendly changes.

Test Cases (Server-side)

Test No.	Description	Expected Output	Actual Output	Pass/Fail	If fail, how should it be fixed?
1	Attempt to access admin page without logging in.	Redirected to the login page.	User was redirected to login.php	PASS	
2	Log in to access admin pages.	Admin page should be accessible.	Access to admin page is granted	PASS	
3	Add the show 'Attack on Titan' using 'add new show'.	Record added to shows table in database.	'Attack on Titan' was added to the database and shows up on the site	PASS	
4	Add the show 'The Simpsons' using 'add new show' without filling in the show name.	Error message informing of missing data.	Warning displayed telling admin to fill in show name	PASS	
5	Add the show 'The Simpsons' using the 'add new show' form, but add a new category, 'Drama'.	Error message informing that data is not a listed category.			
6	Search for 'The Walking Dead' in the search bar.	No results should be found.	No results are found	PASS	

7	Search for 'Family Guy' in the search bar.	The Family Guy record should appear in a table.	Family Guy is shown in results	PASS	
8	Click more info on 'Invincible'.	Details for Invincible should appear.	Details for Invincible appear	PASS	
9	Add one extra episode to 'Star Wars: The Bad Batch'.	Number of episodes should be updated for this record.	Update show button doesn't work. Needed to uncheck and recheck the is airing checkbox	FAIL	
10	Click the 'is airing' checkbox.	The End Date Field should disappear in the form.	End date disappears from form.	PASS	
11	Add 'Star Wars: The Bad Batch' to your watchlist.	'Star Wars: The Bad Batch' is added to the watchlist.	'Star Wars: The Bad Batch' is added and displayed on watchlist page	PASS	
12	Click remove on 'Star Wars: The Bad Batch' on the watchlist page.	'Star Wars: The Bad Batch' will be removed from the watchlist.	Watchlist is empty	PASS	
13	After adding multiple shows to the watchlist, click the reset button.	This should wipe all shows from the watchlist with a message informing you of this.	Watch list empties as it should	PASS	
14	After adding multiple shows to the watchlist, click the download button.	A text file should be downloaded containing all of the shows from the watchlist.	Text file contains all shows chosen	PASS	

15	Delete 'Family Guy'.	The 'Family Guy' record should be deleted from the database.	<p>Fatal Error occured</p> <p>Fatal error: Uncaught Error: Call to undefined function getSession() in D:\Personal Stuff\Uni Year 2\Semester 2\XAMPP\htdocs\TeamBB8_Website\deleteShow.php:2 Stack trace: #0 {main} thrown in D:\Personal Stuff\Uni Year 2\Semester 2\XAMPP\htdocs\TeamBB8_Website\deleteShow.php on line 2</p> <p>Did not get deleted.</p>	FAIL	Moved header.php to before the if statement
15b	Delete 'Family Guy'.	The 'Family Guy' record should be deleted from the database.	Family guy is correctly deleted	PASS	
16	Log out of the admin page.	This should redirect you to the index page, preventing you from accessing admin privileges.	Pressing the log out button returns the user to the index page, attempting to access the admin page redirects you to index.php	PASS	

Test Cases (Mobile-First client usage)

Test No.	Description	Expected Output	Actual Output	Pass/Fail	If fail, how should it be fixed?
1	Scrolling down the list of shows	Each show is shown properly	All shows are shown	PASS	
2	Clicking on 'more info' on several shows	The show that is clicked on will show relevant information able to be read on a mobile device	Modal information is shown correctly and is relevant to the show clicked on. Content is readable	PASS	
3	Navbar works correctly	Each link goes to the relevant page	Works correctly	PASS	
4	Adding shows to watchlist	Show is added to watchlist	Works correctly	PASS	
5	Removing individual shows from watchlist	A single show should be removed	The single show is removed from the wishlist	PASS	
6	Download the watchlist	The downloaded text file should contain what was chosen	Watchlist contains what is chosen by the user	PASS	
7	Alphabetical ordering ascending	Should show each show alphabetically ascending	Displays shows as it should	PASS	
8	Alphabetical ordering	Should show each	Displays shows as it	PASS	

	descending	show alphabetically descending	should		
9	Alphabetical producer	Should show each show alphabetically ascending by producer	Displays shows as it should	PASS	
10	Alphabetical Genre	Should show each show alphabetically ascending by genre	Displays shows as it should	PASS	
11	Shows that are ongoing	Should show each show that is still airing	Doesn't show anything	FAIL	IsAiring variable may be causing issues
12	Order by which show released first	Should show each show by which one came out the earliest to the latest show at the end	Displays shows as it should	PASS	
13	Donation page	Should direct the user to paypal	Works as intended and sends the user to PayPal	PASS	