1. Unit Test Plan Scope (In Scope – Out of Scope)

In Scope	Out of Scope
In Scope *List features/functions that are tested.* README document - Features List	Out of Scope *List features/functions that are not tested.* README document - Features for Future Development

2. Unit Test Cases

ID	Test Cases	Expected Output
01	**Responsive Navbar & Full Screen Mobile Navbar Test - Guest** - Resize screen width using Chrome Dev Tools - Hover over all icons - Click all links - Click sidebar hamburger menu icon	- All links to have the correct hover effect and link to correct page - At 576px width, Navbar will become logo and hamburger menu icon with side bar appearing on the right hand side. - - At all screen widths, account drop-down menu and shopping bag links will be visible. - Mobile Navbar opens and closes as expected with in list drop-down options operational.
02	**Responsive Navbar & Full Screen Mobile Navbar Test - User/Superuser** - Resize screen width using Chrome Dev Tools - Hover over all icons - Click all links - Click sidebar hamburger menu icon	As 01: - My Account drop-down menu is now a link to the User's Profile Page
03	**Footer Links** - Hover over all links for hover effect - Click all Social icons and Logo	Social media icons have the correct hover effect and links in a new tab to the correct website. Logo Links to the home page
	Home App	
04	**Home Display**	- On page scroll the trainer images will animate on display. On change of

		display_on_site value, that instructor should be either displayed or removed and no more than 8 are shown. - All links link to the correct page in a new tab.
	- Scroll down the page - Change a few display_on_site settings in the user profile - Click the navigation and social links	
	classes App	
05	**All Class Categories - Guest** - Hover over and click all icons and buttons - Check database values to confirm the correct information is being displayed	- Buttons will have the correct hover effect and link to the correct Category Details page, - Heart icons will have an instructional popover and when clicked link to the sign in page, - All card information is displayed correctly
06	**All Class Categories - User** As 05	As 05: - Heart Icons will add that Category to the users favourite category list. All categories in that list will display a red full heart icon.
07	**All Class Categories - Superuser** As 06	As 06: - Add Class Category button displayed and links to correct page
08	**Class Category Details - Guest** - Hover over and click heart icon - Check database values to confirm the correct information is being displayed and if none the information and associated label are missing	- All information is displayed with no empty values or associated labels. - Heart icons will have an instructional popover and when clicked link to the sign in page, - Class reviews heading will show with reviews underneath with correct data. If there are no reviews a note will display explaining this. - A text link prompts the user to sign in to leave a review
09	**Class Category Details - User** As 08 with: - Click write review button	As 08: - Sign in prompt is replaced by a write a review button which links to the Add a Class Category Review page with correct hover effect - If User has a review it will display a delete button next to it, with a popover, and the write review button is hidden - Heart Icons will add that Category to the users favourite category list. All categories in that list will display a red full heart icon.
10	**Class Category Details - Superuser** As 09: - Hover over and Click Update and Delete Class	As 09: - Update Class Category Button links to Edit a Class Category - Delete Class Category on click prompts user confirmation and then

	Category Buttons	removes the category from the database.
11	**Edit a Class Category - Superuser** - Check information in the input fields is correct - Hover and click all buttons - Enter none, invalid and then valid test data into each input and submit the form for each. - Check all inputs and labels are correct with required markers	- Information toast and subtitle displayed to inform user which Class Category they are editing - Information is displayed correctly and buttons have the correct hover effect, - Cancel button links to the class category the update form is form - Update Category button stores the data in the database and links to the class category the update form is form
12	**Classes this Week - Guest** - Check that date is displayed correctly from the database in a readable format - Hover and click all buttons - Choose a option from the "Filter by…" drop-down menu	- All single exercise class data is displayed correctly in a readable format under correct date header sorted in chronological order - Add to Bag button add the item to the bag and returns a success message with the bag summary attached - If the class start time has passes the Add to Bag button will display "Class Closed" and be disabled - If the class remaining spaces field is 0 or below then the Add to Bag button will display "Fully Booked" and be disabled - If the class remaining spaces is between 0 and 5 an availability warning message will be displayed. - Selecting a filter class returns a filtered list using that class category

13	**Classes this Week - User**
	
	As 12
		As 12:
		
		- If the user has an active class access package the price will be displayed in tokens and then then add to bag button will be will be:
		  - "Book with Tokens" if package type is TK
		  - "Book with Package" if package type is UU
		- Add to Bag button will display "Already Booked" if the user is in the class's participants field
		- "Filter by…" options include Favourite Class Categories list

14	**Classes this Week - Superuser** As 13	As 13: - Edit Class button links to Edit Single Exercise Class - Cancel Class prompts user confirmation and then delete the class,

		removing it from and refunding any user account in its participants list.
15	**Classes by Day - Guest** As 12: - Choose a date from the "Classes on" date picker	As 12: - Selecting a date returns a filtered list using that date and any previous category filter used.
16	**Classes by Day - User** As 13 and 15	As 13 and 15
17	**Classes by Day - Superuser** As 13 and 15	As 14 and 15
18	**Schedule a Single Exercise Class - Superuser** - Check all inputs and labels are correct with required markers - Hover over and click all buttons - Enter none, invalid and then valid test data into each input and submit the form for each.	- All input labels are correct, including required markers, and are the same. - Button hover effects are correct - Cancel button links to Classes this Week page - Schedule class button validates form and creates class - If supplied data is invalid then an error message is displayed under the invalid input. - If weekly class checkbox is selected then multiple single exercise class objects will be created
19	**Update a Single Exercise Class - Superuser** - Check information in the input fields is correct - Hover and click all buttons - Enter none, invalid and then valid test data into each input and submit the form for each.	- Information toast and subtitle displayed to inform user which Single Exercise Class they are editing - All input placeholders and labels are correct, including required markers, and are the same with data, from the database, in a readable format in the correct fields. - Button hover effects are correct - Cancel button links to Classes this Week page - Update Class validates and stores the data in the database - If supplied data is invalid then an error message is displayed under the invalid input.

	products App	
20	**View Class Access Packages - Guest** - Check that date is displayed correctly from the database in a readable format - Hover over and click all buttons and icons	- Button hover effects are correct with popover on information icon displaying class description. If no description is provided the icon will not show - Packages are displayed in the correct section with the correct information. - Add to bag button links to Sign In page to prompt the guest user to sign in or create an account.

21	**View Class Access Packages - User**
	
	As 20
		As 20 but:
		- Add to bag button adds package to bag with success message and bag summary
		
		- If user already has a package in their bag then a warning banner is displayed with information. On add to bag button click the new package replaces the old one
		- If User has an active package:
		    - They can't buy any more packages if package_type is UU
		    - They can buy Token Packages if package_type is TK
		    - All unavailable products because of this display a disabled "Active Package" button instead of Add to Bag button

22	**View Class Access Packages - Superuser** As 21	As 21 - Add Tokens/Unlimited Package buttons link to Add Class Access Package
23	**Add A Class Access Package - Superuser** - Check all inputs and labels are correct with required markers - Hover over and click all buttons - Enter none, invalid and then valid test data into each input and submit the form for each.	- All input placeholders and labels are correct, including required markers, and are the same. - Button hover effects are correct - Cancel button links to Profile page - Create Access Package button validates form and creates package - If supplied data is invalid then an error message is displayed under the invalid input.
24	**Edit a Class Access Package - Superuser** - Check all inputs and labels are correct with required markers - Check information in the input fields is correct	- Information toast and subtitle displayed to inform user which package they are editing - All input placeholders and labels are correct, including required markers, and are the same with data, from the database, in a readable format in the correct fields.

	- Hover and click all buttons - Enter none, invalid and then valid test data into each input and submit the form for each.	- Button hover effects are correct - Cancel button links to View Class Access Packages - Update Access Package validates and stores the data in the database and redirects to View Class Access Packages - If supplied data is invalid then an error message is displayed under the invalid input.
	contact App	
25	**Contact Page - Guest** - Check all input and labels are correct with required markers - Hover over and click all buttons - Enter none, invalid and then valid test data into each input and submit the form for each.	- Cancel button links to home - Send message button validates and stores data in the database, redirect back to the contact page with a user feedback toast confirming the message is sent. - If supplied data is invalid then an error message is displayed under the invalid input. - Full Name Email, Message Subject and Message fields are displayed
26	**Contact Page - User/Superuser** As 20	As 20 but: - Full Name and Email fields are provided from the user profile in database so these fields are hidden
	profiles App	
27	**Profile Display - User** - Hover over and click all buttons, icons and links (including the profile menu buttons) - Enter invalid and valid data in to the personal details inputs and submit the form - Edit data in the database and check the data display	- Profile menu buttons have the correct hover effect and display the expected section while hiding all others. - Sign Out button links to the Sign Out Page - All icons and links have a popover explaining what they do - All data displayed, in inputs or otherwise, is correct from the database and in a readable format. If there is no data then that section is omitted and a message is displayed explaining there is no data When clicked: - Update Information button validates and submits form, saving data in the database, - Cancel Class Booking Icon removes the class from the user profile, removes the user from the class participants, add one to the remaining spaces value and issues a refund if appropriate - Previous Order Link takes the user to the Checkout Success page with the information from that order displayed. - Remove Category Icon removes the Class Category from the user's

		favourite class category list
28	**Profile Display - Superuser** As 22	As 22: - The additional Admin Profile Menu buttons link to or display the correct content - When clicked the message delete button deletes the admin message
	bag App	
29	**View Bag - All** - Hover over and click on all button and icons - Check data displayed is correct - Check all appropriate icons and links are displayed and click on them	- Bag data displayed in an organized and readable way, matching the display on their original pages. - Icons have a popover to explain their function - Button hover effects are correct - Data shown is correct to the database - Classes This Week and Class Packages link to their respective pages - Proceed to Checkout button links to Checkout
	checkout App	
30	**View Checkout - Guest** - Hover over and click on all buttons - Check data displayed is correct - Enter none, invalid and then valid test data into each input and submit the form for each.	- Order data displayed in an organized and readable way, is correct to the database, in Order Summary - Button hover effects are correct - Back to Bag button returns User to View Bag - Save information checkbox default is Checked/True - Complete Order disables the form and all buttons, enables the loading overlay, validates the data, passes it into the view to be processed and calls the Checkout Success page. Any issues with stop this process and revert back to the Checkout page. - Invalid data messages are show beneath the inputs or Stripe input where required
31	**View Checkout - User/Superuser** As 29: - Check auto-filled data in inputs in correct	- The form is auto-filled with User data if it has been stored in the database
32	**Checkout Success - All** - Check data displayed is correct - Check provided email address for Order email	- User Data Saved and Order Number toast display when required - Email sent to provided email address - Order data displayed in an organized and readable way and is correct
	reviews App	

33	**Write a Class Category Review - User/Superuser** - Check all inputs and labels are correct with required markers - Hover over and click all buttons - Enter none, invalid and then valid test data into each input and submit the form for each.	- All input placeholders and labels are correct, including required markers, and are the same. - Button hover effects are correct - Cancel button links to Class Category the User came from - Submit Review button validates form and creates Review redirecting you to the Class Category the User just reviewed - If supplied data is invalid then an error message is displayed under the invalid input.
	Instructors App (ADMIN)	
34	**View Instructor Management - Superuser** - Hover over and click all buttons and Icons	- Data is correct and displayed in the correct format - Buttons and icons have the correct hover effects - Add An Instructor button links to Add An Instructor - Edit An Instructor button links to Edit An Instructor - Delete icon prompts a user confirmation message before removing an instructor and any classes they have scheduled
35	**Add an Instructor - Superuser** - Check all inputs and labels are correct with required markers - Hover over and click all buttons - Enter none, invalid and then valid test data into each input and submit the form for each.	- All input placeholders and labels are correct, including required markers, and are the same - Button hover effects are correct - Cancel button links to the Instructor Management page - Add Instructor button validates form and creates Instructor redirecting the user to the Instructor Management page - If supplied data is invalid then an error message is displayed under the invalid input
36	**Edit an Instructor - Superuser** - Check all inputs and labels are correct with required markers - Check information in the input fields is correct - Hover and click all buttons - Enter none, invalid and then valid test data into each input and submit the form for each.	- Information toast and subtitle displayed to inform user which Instructor they are editing - All input placeholders and labels are correct, including required markers, with data, from the database, in a readable format in the correct fields. - Button hover effects are correct - Cancel button links to View Instructor Management - Update Instructor validates and stores the data in the database and redirects to View Instructor Management - If supplied data is invalid then an error message is displayed under the invalid input.

3. Unit Test Results

ID	Test Cases	Pass/Fail	Tested By	Date Tested
01	**Responsive Navbar & Full Screen Mobile Navbar Test - Guest**	PASS	Nick Lennon	16/03/2022
02	**Responsive Navbar & Full Screen Mobile Navbar Test - User/Superuser**	PASS	Nick Lennon	16/03/2022
03	**Footer Links**	PASS	Nick Lennon	16/03/2022
04	**Home Display**	PASS	Nick Lennon	16/03/2022
05	**All Class Categories - Guest**	PASS	Nick Lennon	16/03/2022
06	**All Class Categories - User**	PASS	Nick Lennon	16/03/2022
07	**All Class Categories - Superuser**	PASS	Nick Lennon	16/03/2022
08	**Class Category Details - Guest**	PASS	Nick Lennon	16/03/2022
09	**Class Category Details - User**	PASS	Nick Lennon	16/03/2022
10	**Class Category Details - Superuser**	PASS	Nick Lennon	16/03/2022
11	**Edit a Class Category - Superuser**	PASS	Nick Lennon	16/03/2022
12	**Classes this Week - Guest**	PASS	Nick Lennon	16/03/2022
13	**Classes this Week - User**	PASS	Nick Lennon	16/03/2022
14	**Classes this Week - Superuser**	PASS	Nick Lennon	16/03/2022
15	**Classes by Day - Guest**	PASS	Nick Lennon	16/03/2022
16	**Classes by Day - User**	PASS	Nick Lennon	16/03/2022
17	**Classes by Day - Superuser**	PASS	Nick Lennon	16/03/2022
18	**Schedule a Single Exercise Class - Superuser**	PASS	Nick Lennon	16/03/2022
19	**Update a Single Exercise Class - Superuser**	PASS	Nick Lennon	16/03/2022
20	**View Class Access Packages - Guest**	PASS	Nick Lennon	16/03/2022
21	**View Class Access Packages - User**	PASS	Nick Lennon	16/03/2022
22	**View Class Access Packages - Superuser**	PASS	Nick Lennon	16/03/2022
23	**Add A Class Access Package - Superuser**	PASS	Nick Lennon	16/03/2022
24	**Edit a Class Access Package - Superuser**	PASS	Nick Lennon	16/03/2022
25	**Contact Page - Guest**	PASS	Nick Lennon	16/03/2022
26	**Contact Page - User/Superuser**	PASS	Nick Lennon	16/03/2022
27	**Profile Display - User**	PASS	Nick Lennon	16/03/2022
28	**Profile Display - Superuser**	PASS	Nick Lennon	16/03/2022
29	**View Bag - All**	PASS	Nick Lennon	16/03/2022

30	**View Checkout - Guest**	PASS	Nick Lennon	16/03/2022
31	**View Checkout - User/Superuser**	PASS	Nick Lennon	16/03/2022
32	**Checkout Success - All**	PASS	Nick Lennon	16/03/2022
33	**Write a Class Category Review - User/Superuser**	PASS	Nick Lennon	16/03/2022
34	**View Instructor Management - Superuser**	PASS	Nick Lennon	16/03/2022
35	**Add an Instructor - Superuser**	PASS	Nick Lennon	16/03/2022
36	**Edit an Instructor - Superuser**	PASS	Nick Lennon	16/03/2022

4.17 Addendums & Appendices

Include any additional documents.