

Unit Test Plan Template

Project Name: The Reading Room

Project Sponsor: Code Institute / Simon Vardy

Document Date: 10 March 2021

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

In Scope	Out of Scope
In Scope readme document – Features implemented	Out of Scope readme document – Future Features

2. Unit Test Cases

ID	Test Cases	Input Value	Expected Output
	WELCOME PAGE		
2.01	Responsive navbar Test Procedure: <ul style="list-style-type: none">– Open Homepage– Left click the page and open Dev Tools– Toggle the device toolbar– Resize the page width from wide to narrow.– Click on the navbar hamburger icon		The navbar changes from full to mobile navbar @ 992px device width. The mobile navbar loads from the right-hand side of the display.
2.02	Navbar menu – user logged out. Test Procedure: <ul style="list-style-type: none">– Open Homepage– Left click the page and open Dev Tools– Toggle the device toolbar– Resize the page width from wide to narrow.– Click on the navbar hamburger icon– Click on each link		The mobile navbar shows the menu options: HOME BOOK REVIEWS SIGN UP LOG IN Click on each link: - The Book Reviews page opens -The sign up page opens -The log in page opens.
2.03	Responsive navbar – User logged in. Test Procedure: <ul style="list-style-type: none">– Open Homepage– Log in to the site	Username: "newuser1" Password: [not disclosed]	The mobile navbar shows the menu options: HOME BOOK REVIEWS NEW REVIEW PROFILE LOG OUT
2.04	Responsive navbar – User logged in. Test Procedure: <ul style="list-style-type: none">– Open Homepage– Click navbar Log In button– Enter username and password– Click Log In– Click navbar Log Out button	Username: "newuser1" Password: [not disclosed]	The user logs in correctly. When the logout menu item is selected, the user is logged out with a flash message.

Unit Test Plan Template

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2.05	Hero Image CTA Button Test Procedure: <ul style="list-style-type: none"> – Open Homepage – Click the FIND OUT MORE button 		The Book Reviews page loads
	FOOTER		
2.06	Footer Social Media Links Test Procedure: <ul style="list-style-type: none"> – Open Homepage – Scroll down to the footer section. – Click on the Facebook link – Click on the Twitter link – Click on the Instagram link – Click on the YouTube link 		The footer is at the bottom of the page. -www.facebook.com opens in a new browser tab -www.twitter.com opens in a new browser tab -www.instagram.com opens in a new browser tab -www.youtube.com opens in a new browser tab
2.07	Footer Sitemap Links – user logged out Test Procedure: <ul style="list-style-type: none"> – Open Homepage – Scroll down to the footer section. – Click on the Home link – Click on the Book Reviews link – Click on the Log In link – Click on the Privacy Policy link – Click on the Terms & Conditions link 		The footer is at the bottom of the page. -Home page opens - Book Reviews page opens -Log In page opens -Privacy policy page opens -Terms & Conditions page opens
2.08	Footer Sitemap Links – user logged in. Test Procedure: <ul style="list-style-type: none"> – Open Homepage – Scroll down to the footer section. – Click on the Home link – Click on the Book Reviews link – Click on the New Review link – Click on the Profile link – Click on the Log Out link – Click on the Privacy Policy link – Click on the Terms & Conditions link 		The footer is at the bottom of the page. -Home page opens - Book Reviews page opens -New Review Page opens. -Profile page opens -the user is logged out -Privacy policy page opens -Terms & Conditions page opens
	LOG IN		
2.09	Existing user log in. Test Procedure: <ul style="list-style-type: none"> – Open Homepage – Click on Log In button – Enter an incorrect user name – Enter an incorrect password – Click Sign In – Enter a correct user name 	Username: “newuser10” Password: 12345 Username: “newuser1” Password: [not disclosed]	The user is redirected back to the log in page and a warning flash message is displayed. The user logs in. A welcome flash message is displayed The user’s profile page is shown

Unit Test Plan Template**Project Name: The Reading Room****Project Sponsor: Code Institute / Simon Vardy****Document Date: 10 March 2021**

	<ul style="list-style-type: none"> – Enter the correct password – Click sign in 		
	PROFILE		
2.10	Profile Page. Test Procedure: <ul style="list-style-type: none"> – Log out any active users – Open Profile – Open Homepage – Click navbar Log In button 	Username: “newuser1” Password: [not disclosed]	The user is redirected back to the sign in page with a flash warning message. The profile page loads with the user account details, favorite book reviews list, book reviews written list.
	SIGN UP		
2.11	New User sign up. Test Procedure: <ul style="list-style-type: none"> – Open Homepage – Click on navbar Sign Up menu – Enter an existing user name – Enter a password – Enter a new user name – Enter a password 	User name: “testuser1” Password: 12345 Username: “newuser5” Password: [Choose password]	The user is redirected back to the log in page and a warning flash message is displayed. The user logs in. A welcome flash message is displayed The user’s profile page is shown
	BOOK REVIEWS		
2.12	Search Bar - Search Test Procedure: <ul style="list-style-type: none"> – Open Book Review – Enter a search term into the search input field – Click the green magnifying glass button – Enter a search term into the search input field – Click the green magnifying glass button 	Enter: “xgfgy” Enter: “wild”	No book reviews are shown. A red flash warning “No Results Found” is displayed. A single book is returned.
2.13	Search Bar - Reset Test Procedure: <ul style="list-style-type: none"> – Open Book Review – Enter a search term into the search input field – Click the green magnifying glass button – Click on the red reset button 	Enter: “wild”	A single book is returned. All the book reviews are displayed
2.14	Book Review - Book card loading Test Procedure: <ul style="list-style-type: none"> – Open Book Review 		By default every book_review document will be displayed in a separate card. All cards should be the same size.

Unit Test Plan Template

Project Name: The Reading Room

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2.15	Book Review – book page link Test Procedure: <ul style="list-style-type: none">– Open Book Review– Choose a book review card– Click on the round orange open book icon button		<p>The Book Page open with the details of the book selected. The book details are displayed.</p> <p>There is a favorite button There is a shopping cart button.</p> <p>There is a book review section with the review text. If the review was created by the logged in user, there are two buttons visible: -Edit Review button -Delete Review button There buttons are hidden from view for other users</p> <p>There is a comments section. This may contain a list of comments showing the comments text, username of the creator and the created date. There is a comments button for all logged in users.</p>
	BOOK PAGE		
2.16	Book Review – responsive layout Test Procedure: <ul style="list-style-type: none">– Open Book Review		The book review card sections and book cover image responsively resize.
2.17	Book Review – favorite button Test Procedure: <ul style="list-style-type: none">– Open Book Review– Click on a book review– Click the heart icon favorite button		Clicking the button writes the book details to the database and is viewed in the user's profile page
2.18	Book Review – shopping cart button link Test Procedure: <ul style="list-style-type: none">– Open Book Review– Click on a book review– Click the shopping cart icon button		A new browser tab open with a an amazon.co.uk URL containing a preformatted search for that book
2.19	Book Review – edit book review Pre-requisites: <ul style="list-style-type: none">- The user is logged in to the site		The Edit Review page opens

Unit Test Plan Template

Project Name: The Reading Room

Project Sponsor: Code Institute / Simon Vardy

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	<ul style="list-style-type: none">- There is a book review existing that the logged in user has created. Test Procedure: <ul style="list-style-type: none">- Open Book Review- Click on edit book review		
	ADD COMMENT		
2.20	Add comment Pre-requisites: <ul style="list-style-type: none">- The user is logged in to the site Test Procedure: <ul style="list-style-type: none">- Open Homepage- Enter the comment text into the input field- Click on Add Comment button		The add Comment page opens The user can enter a text comment of more than 3 characters. The comment is saved and is visible: At the bottom of the Book Page for the applicable Book Review Shown on the user's profile page.
	NEW REVIEW		
2.21	Create a new book review Pre-requisites: <ul style="list-style-type: none">- The user is logged in to the site Test Procedure: <ul style="list-style-type: none">- Open Add Review- Fill out the form fields- Click on Add Review button		Enter appropriate values into all required fields. Clicking the Add Review button saves the book review The user is redirected to the Book Reviews Page The new review is shown in the Book Reviews page.
	EDIT REVIEW		
2.22	Edit an existing book review Pre-requisites: <ul style="list-style-type: none">- The user is logged in to the site- There is a book review existing that the logged in user has created. Test Procedure: <ul style="list-style-type: none">- Open Book Review- Click on the edit book review button- Change some data- Click on the cancel button- Click on the edit book review button- Change some data- Click on the edit button		The Edit Review page opens up with the form fields pre-populated with the current book review data. Edit any/all fields The user is returned back to the original Book Page The Edit Review page opens up with the form fields pre-populated with the current book review data. Edit any/all fields

Unit Test Plan Template

Project Name: The Reading Room

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Document Date: 10 March 2021

			The data is saved and the new data is shown on the Book Page.
	DELETE REVIEW		
2.23	Delete an existing book review Pre-requisites: <ul style="list-style-type: none">- The user is logged in to the site- There is a book review existing that the logged in user has created. Test Procedure: <ul style="list-style-type: none">- Open Book Review- Click on a book review- Click on the delete button		The book is deleted. There is a flash confirmation message. The user is redirected back to the Book Reviews page.
	MANAGE GENRES		
2.24	Open Manage Genres page – standard user account Test Procedure: <ul style="list-style-type: none">- Open Manage Genres		The user is redirected to the log in page with a red flash warning message
2.25	Open Manage Genres page – admin user account Test Procedure: <ul style="list-style-type: none">- Open Manage Genres		The Manage Genres page opens. The full list of genre categories are displayed in individual cards with edit and delete button on each card.
	ADD GENRES		
2.26	Add a genre – admin user account Test Procedure: <ul style="list-style-type: none">- Open Manage Genres- Click on Add Genre button- Enter new genre name- Click Add Genre button	Genre: “Test”	The Add Genre page opens. The “Test” genre is saved when the Add Genre button is clicked. The user is redirected back to the Manage Genres page. There is a flash success message. The new genre category is visible in its own card
	MANAGE GENRES		
2.27	Edit a genre – admin user account Test Procedure:		The Edit Genre page opens

Unit Test Plan Template

Project Name: The Reading Room

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	<ul style="list-style-type: none">- Open Manage Genres- Click on Edit Genre button- Enter new genre name- Click the red Cancel button <ul style="list-style-type: none">- Open Manage Genres- Click on Edit Genre button- Enter new genre name- Click the green Edit button		<p>The genre name is pre-populated in the input field.</p> <p>The user is redirected back to the Manage Genres page when the cancel button is clicked.</p> <p>The Edit Genre page opens</p> <p>The genre name is pre-populated in the input field.</p> <p>The new genre name is saved when the edit button is clicked</p> <p>There is a flash success message.</p> <p>The user is redirected back to the Manage Genres page and the edited genre name is visible.</p>
	DELETE GENRES		
2.28	Delete a genre – admin user account Test Procedure: <ul style="list-style-type: none">- Open Manage Genres- Click on Delete Genre button		<p>The genre category is deleted from the list.</p> <p>There is a flash advisory message of the deletion.</p> <p>The user remains on the manage genres page.</p>

3. Unit Test Results

ID	Test Cases	Pass/Fail	Tested By	Date Tested
3.01	Responsive navbar	Pass	Simon Vardy	11/12/2020
3.02	Navbar menu – user logged out.	Pass	Simon Vardy	11/12/2020
3.03	Responsive navbar – User logged in.	Pass	Simon Vardy	11/12/2020
3.04	Responsive navbar – User logged in.	Pass	Simon Vardy	11/12/2020
3.05	Hero Image CTA Button	Pass	Simon Vardy	11/12/2020
3.06	Footer Social Media Links	Pass	Simon Vardy	11/12/2020

Unit Test Plan Template

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Document Date: 10 March 2021

3.07	Footer Sitemap Links – user logged out	Pass	Simon Vardy	11/12/2020
3.08	Footer Sitemap Links – user logged in.	Pass	Simon Vardy	11/12/2020
3.09	Existing user log in.	Pass	Simon Vardy	11/12/2020
3.10	Profile Page.	Pass	Simon Vardy	11/12/2020
3.11	New User sign up.	Pass	Simon Vardy	11/12/2020
3.12	Search Bar - Search	Pass	Simon Vardy	11/12/2020
3.13	Search Bar - Reset	Pass	Simon Vardy	11/12/2020
3.14	Book Review - Book card loading	Pass	Simon Vardy	11/12/2020
3.15	Book Review – book page link	Pass	Simon Vardy	11/12/2020
3.16	Book Review – responsive layout	Pass	Simon Vardy	11/12/2020
3.17	Book Review – favorite button	Pass	Simon Vardy	11/12/2020
3.18	Book Review – edit book review	Pass	Simon Vardy	11/12/2020
3.19	Book Review – edit book review	Pass	Simon Vardy	11/12/2020
3.20	Add comment	Pass	Simon Vardy	11/12/2020
3.21	Create a new book review	Pass	Simon Vardy	11/12/2020
3.22	Edit an existing book review	Pass	Simon Vardy	11/12/2020
3.23	Delete an existing book review	Pass	Simon Vardy	11/12/2020
3.24	Open Manage Genres page – standard user account	Pass	Simon Vardy	11/12/2020
3.25	Open Manage Genres page – admin user account	Pass	Simon Vardy	11/12/2020
3.26	Add a genre – admin user account	Pass	Simon Vardy	11/12/2020
3.27	Edit a genre – admin user account	Pass	Simon Vardy	11/12/2020
3.28	Delete a genre – admin user account	Pass	Simon Vardy	11/12/2020

4. Addendums & Appendices

Include any additional documents.