

Unit Test Plan Template

Project Name: MovieWiki

Project Manager: Nick Lennon

Document Date: 18/11/2021

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

In Scope	Out of Scope
In Scope <i>List features/functions that are tested.</i> Readme document - Features Implemented List	Out of Scope <i>List features/functions that are not tested.</i> Readme document - Features for Future Development

2. Unit Test Cases

ID	Test Cases	Input Value	Expected Output
2.01	Responsive Navbar & Sidebar Test - Not Signed In - Resize screen width using Chrome Dev Tools - Hover over all icons - Click all links - Click sidebar hamburger menu icon		Navbar contains Logo, Home, About, Movies, Contact, Sign In and Sign Up links / buttons All links have 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
2.02	Responsive Navbar & Sidebar Test - Signed In/Superuser - Resize screen width using Chrome Dev Tools - Hover over all icons - Click all links - Click sidebar hamburger menu icon		As above with Add Movie and Add Review button and Genre link for superuser included. Sign In and Sign Up now Profile and Sign Out. Sign out signs user out and return to home
2.03	Footer Links - Hover over all links for hover effect - Click all Social icons, Logo and "Back to Top" button		Icons will change to gold colour on hover. When clicked, social icon will take user to the correct website in new page, logo will take user to home and back to top will scroll to the top of the page
	/home		
2.04	Home Display - Hover over all movie images - Scroll along all movie carousels - Click movies to check links and movie is in correct carousel		Page will contain movies in 3 or 5 carousels. Carousels will contain the correct movies. All movies will have a enlarge hover effect and link to correct movie profile page.
2.05	Home Movie Search Bar - Enter search query - Click search	"die"	User will be taken to /search and displayed correct results of "No Time To Die" and "Die Hard"

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		"drain" "ibas ldg pib da"	Only the movie placeholder will be displayed
	/signup		
2.06	Sign Up Form <ul style="list-style-type: none">- Enter invalid data into every input before correcting- Between each data entry, try and submit form to check required fields- Click cancel and create account button		Invalid message will be displayed on bad input and required fields will stop the form from sending. Cancel button will link to home and create account will take user to their new user profile page
	/signin		
2.07	Sign In Form <ul style="list-style-type: none">- Enter incorrect sign in data- Click sign in- Enter correct sign in data- Click sign in	Username: "newuser123" Password: 12345 Username: "test_user_4" Password: [not disclosed]	Returns to sign in page with a user feedback message. User signed in, flash message and user profile displayed.
	/profile		
2.08	Profile Display <ul style="list-style-type: none">- click all accordion sections- hover over movie image- check information is correct and there are no empty fields- click, scroll and hover on suggested movies carousel		All accordion sections will open and have something inside with on focus effects. Information loads with empty fields omitted. Movies and Carousel will act as in /home.
2.09	Profile Links <ul style="list-style-type: none">- click update profile button,- click view all reviews button		Update profile returns user profile edit page. View all reviews return view all users reviews
	/profile/edit		
2.10	Profile Edit Display <ul style="list-style-type: none">- check all inputs are filled with data from the database- Enter invalid data into every input before correcting- Between each data entry, try and submit form to check required fields		All input fields will be filled with data. Invalid message will be displayed on bad input and required fields will stop the form from sending.

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2.12	Profile Edit Buttons <ul style="list-style-type: none"> - click Cancel - click Update Account - click Delete Account - click delete confirmation Cancel - click Delete Account - click delete confirmation Delete 		<p>Cancel will return to user profile. Update account will update and return to User Profile</p> <p>Delete will open a confirmation screen where cancel will return as above and delete will remove account, sign user out and return to home</p>
	/movies		
2.12	Movies Display <ul style="list-style-type: none"> - Hover over all movie images - Click movies to check it links to correct movie 		<p>All movies will have an image, a enlarge hover effect, title and release year underneath and will link to correct movie profile page.</p>
2.13	Movies Search Bar <ul style="list-style-type: none"> - Enter search query - Click search 	<p>"die"</p> <p>"asid bpi ner"</p>	<p>User will be taken to /search and displayed correct results of "No Time To Die" and "Die Hard"</p> <p>Only the movie placeholder will be displayed</p>
	/search		
2.14	Search Movie Search Bar <ul style="list-style-type: none"> - Enter search query - Click search 	<p>"die"</p> <p>"house"</p>	<p>User will be displayed correct results of "No Time To Die" and "Die Hard"</p> <p>Only the movie placeholder will be displayed</p>
2.15	Movies Display <ul style="list-style-type: none"> - Hover over all movie images - Click movies to check it links to correct movie 		<p>All movies will have an image, a enlarge hover effect, title and release year underneath and will link to correct movie profile page.</p> <p>Placeholder displays after last movie found.</p>
	/movie/<movie_id>/view		
2.16	Movie Display (Signed in/Not Signed In) <ul style="list-style-type: none"> - check top button is correct - click all accordion sections - hover over movie image - check information is correct and there are no empty fields - click, scroll and hover on similar movies carousel - view all reviews button under movie image - hover over all buttons 		<p>Top button will be update review if signed in and sign in if not</p> <p>All accordion sections will open and have something inside with on focus effects.</p> <p>Information loads with empty fields omitted.</p> <p>Movies and Carousel will act as in /home.</p> <p>Button will have hover effect</p>

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2.17	Movie Buttons (Not Signed In) <ul style="list-style-type: none"> - hover over all buttons - click on sign in button at top - click view all reviews 		Buttons will have hover effect and link to the correct pages
2.18	Movie Buttons (Signed In/ Admin) <ul style="list-style-type: none"> - hover over all buttons - click on update review button at top - click view all reviews - click on want to watch and watched buttons - click edit movie profile (admin/ user that created) 		Buttons will have hover effect and link to the correct pages Watched and Want to Watch button will toggle icons with flash messages
	/movie/add		
2.19	Movie Add Form (No switches) <ul style="list-style-type: none"> - Enter invalid data into every input before correcting - Between each data entry, try and submit form to check required fields - Click cancel and create Movie button 		Invalid message will be displayed on bad input and required fields will stop the form from sending. Cancel button will link to home and create account will take user to their new user profile page
2.20	Movie Add Form (Series Switch) <ul style="list-style-type: none"> - Test inputs as above (see 2.18) - Click Series Review Switch - Click all 3 radio buttons - Click create with empty and invalid input for each radio selection individually and as an input group - Close Series section - Click Create Movie to test if Series section is still required - Open series section, fill with valid input and click Create Movie 		Invalid message will be displayed on bad input and required fields will stop the form from sending. Series switch will display the series section with all visible inputs required. Hidden inputs, including entire section, will have their value and required attribute removed Radio buttons will display the required input fields. Form will not submit if series section has input but submit checkbox is not checked.
2.21	Movie Add Form (Review Switch) <ul style="list-style-type: none"> - Test inputs as above (see 2.18) - Click star rating and inspect hidden star-count input element to check for value - Click create movie without and with 		Invalid message will be displayed on bad input and required fields will stop the form from sending. Review switch will display the series section with all visible inputs required.

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	the submit review check box - Close Review section - Click Create Movie to test if Review section is still required - Open Review section, fill with valid input and click Create Movie		Hidden inputs, including entire section, will have their value and required attribute removed Stars will change colour and change star-count value Form will not submit if series section has input but submit checkbox is not checked.
	/movie/<movie_id>/edit		
2.22	Movie Edit Form - Check all inputs are auto filled - Test as above in 2.17, 2.18 and 2.19 - Click delete Movie		Output as expected in 2.17, 2.18 and 2.19. Inputs will contain data from the movie document Delete button will remove the movie from site and from all user profiles and return user home
	/movie/<movie_id>/reviews		
2.23	Movie Reviews Display - Hover over buttons - Click Movie Icon - Click Create Review - Click Update Review		Buttons will have hover effect. Movie Icon will link to the movie Profile Update Review will link to review edit page Create Movie will link to create movie page with movie selected if user hasn't created a review already or link to edit review page if they have
	/review/add		
2.24	Create Review Form - Hover over all buttons - Enter invalid data into every input before correcting - Between each data entry, try and submit form to check required fields - Click Create Review with no star rating chosen - Click star rating and inspect hidden star-count input element to check for value - Click Cancel - Click Create Movie - Fill with valid input and click Create Review		Invalid message will be displayed on bad input and required fields will stop the form from sending. Buttons will have hover effect Cancel button will link to home Create Movie will link to Create Movie page Form will not submit without star rating and/or invalid or empty input Star clicked and all left of it will change colour to gold, all right of click will be black and star-count value will change Create Review returns View all movie reviews for the movie review was for.
	/movie/<movie_id>/review/edit		
2.25	Review Edit Form		Output as expected in 2.22

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	<ul style="list-style-type: none"> - Check all inputs are auto filled - Test as above in 2.22 - Click delete Movie 		<p>Inputs will contain data from the movie review field of movie document</p> <p>Delete button will remove the review from movie profile and reviewer user profile and returns View all movie reviews for the movie review was for.</p>
	/genre		
2.26	Genre Management (Admin only) <ul style="list-style-type: none"> - hover over all buttons - enter invalid and existing genre input into new genre bar and replacement name inputs - click add new genre - enter valid data - click add new genre - enter replacement name and click rename - click delete 		<p>All buttons will have a hover effect.</p> <p>Invalid input will turn line under input red and show invalid message for new genre bar.</p> <p>Duplicate genres will not be created</p> <p>New genre button will create a genre and add it to the display.</p> <p>Rename will rename the genre.</p> <p>Delete will remove the genre.</p> <p>All buttons return to Genre page</p>
	/contact		
2.27	Contact Form (not Signed in) <ul style="list-style-type: none"> - Enter invalid data into every input before correcting - Between each data entry, try and submit form to check required fields 		<p>Invalid message will be displayed on bad input and required fields will stop the form from sending.</p> <p>Send message will send message, return user to an empty contact page with flash message</p>
2.28	Contact Form (Signed in) <ul style="list-style-type: none"> - Enter invalid data into every input before correcting - Between each data entry, try and submit form to check required fields 		<p>Invalid message will be displayed on bad input and required fields will stop the form from sending.</p> <p>Name and email will be auto filled</p> <p>Send message will send message, return user to an empty contact page with flash message</p>
	/error		
2.29	Error Display <ul style="list-style-type: none"> - Tamper with the URL of a page to create a 404 error 	URL: https://moviewiki-project.herokuapp.com/mov	<p>Error page will display with message and link to the home page</p>

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3. Unit Test Results

ID	Test Cases	Pass/Fail	Tested By	Date Tested
3.01	Responsive Navbar & Sidebar Test - Not Signed In	PASS	Nick Lennon	19/11/2021
3.02	Responsive Navbar & Sidebar Test - Signed In/Superuser	PASS	Nick Lennon	19/11/2021
3.03	Footer Links	PASS	Nick Lennon	19/11/2021
3.04	Home Display	PASS	Nick Lennon	19/11/2021
3.05	Home Movie Search Bar	PASS	Nick Lennon	19/11/2021
3.06	Sign Up Form	PASS	Nick Lennon	19/11/2021
3.07	Sign In Form	PASS	Nick Lennon	19/11/2021
3.08	Profile Display	PASS	Nick Lennon	19/11/2021
3.09	Profile Links	PASS	Nick Lennon	19/11/2021
3.10	Profile Edit Display	PASS	Nick Lennon	19/11/2021
3.11	Profile Edit Buttons	PASS	Nick Lennon	19/11/2021
3.12	Movies Display	PASS	Nick Lennon	19/11/2021
3.13	Movies Search Bar	PASS	Nick Lennon	19/11/2021
3.14	Movie Search Bar	PASS	Nick Lennon	19/11/2021
3.15	Movies Display	PASS	Nick Lennon	19/11/2021
3.16	Movie Display (Signed in/Not Signed In)	PASS	Nick Lennon	19/11/2021
3.17	Movie Buttons (Not Signed In)	PASS	Nick Lennon	19/11/2021
3.18	Movie Buttons (Signed In/ Admin)	PASS	Nick Lennon	19/11/2021
3.19	Movie Add Form (No switches)	PASS	Nick Lennon	19/11/2021
3.20	Movie Add Form (Series Switch)	PASS	Nick Lennon	19/11/2021
3.21	Movie Add Form (Review Switch)	PASS	Nick Lennon	19/11/2021

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3.22	Movie Edit Form	PASS	Nick Lennon	19/11/2021
3.23	Movie Reviews Display	PASS	Nick Lennon	19/11/2021
3.24	Create Review Form	PASS	Nick Lennon	19/11/2021
3.25	Review Edit Form	PASS	Nick Lennon	19/11/2021
3.26	Genre Management (Admin only)	PASS	Nick Lennon	19/11/2021
3.27	Contact Form (not Signed in)	PASS	Nick Lennon	19/11/2021
3.28	Contact Form (Signed in)	PASS	Nick Lennon	19/11/2021
3.29	Error Display	PASS	Nick Lennon	19/11/2021

4. Addendums & Appendices

Include any additional documents.