Test Plans / Helen's Test Plans (QLH4)   24 Jira links   Share ...

National MS Society - Solo project

Created by Helen Brennan
Last updated 27 minutes ago

Summary

Version	1.0
Status	**COMPLETE**
Overview	The website for the National MS Society.
Application	National Multiple Sclerosis Socie
Stakeholder	Helen Brennan

Included In Scope

Item To Test	Explanation
Website availability	Necessary function
Website registration	User experience
Existing user log in	User experience
Internal links	User experience
External links	User experience
'Near You' events	User experience
Donation links	User experience
Search function	User experience

Excluded From Scope

Item Not To Test	Explanation
Load testing	Don't want to put undu stress on their servers
Functionality of external websites (i.e., Facebook, Twitter, LinkedIn, etc)	Those are services not provided by the Nation Society

Approach / Strategy

Testing will be completed via exploratory testing first to determine what areas can be and should be tested.

Once exploratory is completed, test cases can be created for both manual and automation.

Bug reports and improvement recommendations will then be created.

Risks

- Load testing should not be completed as they are a non-profit organization and undue stress and load on their servers could adversely affect their website availability.
- Actual donations are out of scope for this test due to monetary constraints.
- Registration of new users requires the completion of a reCAPTCHA image - this may not be able to be automated easily and may need to be completed via manual testing.
- Donation form also requires CAPTCHA - this may not be able to be automated easily and may need to be completed via manual testing.
- User registration may not provide additional information - may only be for newsletter access.
- The sheer amount of information available and size of the site may prevent full testing (both automation and manual) of all areas of the site.

Features to be tested

Feature	Test Criteria	Test Case(s)	Testing Status	Test Notes
Website Access	• Is the website available for registered and non-	Q4H-98 – Website Access DONE	PASSED	

	registered users?			
Website registration	• Can guests register for access to any other new features?	📄 Q4H-99 - Website registration `DONE`	**PASSED**	reCAPTCHA required for user registration. User created via manual process
Existing user log in	• Can an existing user log in?	📄 Q4H-100 - Existing user log in `DONE`	**PASSED**	
Internal links - guest users	• Can guests access internal links throughout website?	📄 Q4H-101 - Internal links - guest users - What is MS? `DONE` 📄 Q4H-102 - Internal links - guest users - Symptoms & Diagnosis `DONE` 📄 Q4H-103 - Internal links - guest users - Treating MS `DONE` 📄 Q4H-104 - Internal links - guest users - Resources & Support `DONE` 📄 Q4H-105 - Internal links - guest users - Living Well with MS `DONE` 📄 Q4H-106 - Internal links - guest users - Research `DONE` 📄 Q4H-107 - Internal links - guest users - Get Involved `DONE`	**PASSED**	Completed via manual testing. Guests and registered users have the same access to website information. Registration is simply for newsletter signup.
Internal links - registered users	• Can registered users access internal links throughout website?	📄 Q4H-108 - Internal links - registered users - What is MS? `DONE` 📄 Q4H-109 - Internal links - registered users - Symptoms & Diagnosis `DONE` 📄 Q4H-110 - Internal links - registered users - Treating MS `DONE` 📄 Q4H-111 - Internal links - registered users - Resources & Support `DONE` 📄 Q4H-112 - Internal links - registered users - Living Well with MS `DONE` 📄 Q4H-113 - Internal links - registered users - Research `DONE` 📄 Q4H-114 - Internal links - registered users - Get Involved `DONE`	**PASSED**	
External links - guest users	• Do the social media links work for guests?	📄 Q4H-115 - External links - guest users `DONE`	**PASSED**	Completed via manual testing - guests and registered users have same access to website functionality.
External links - registered users	• Do the social media links work for registered users?	📄 Q4H-116 - External links - registered users `DONE`	**PASSED**	Completed via manual testing
'Near You' events	• Does the 'Near You' link provide accurate events for the entered location?	📄 Q4H-117 - 'Near You' events `DONE`	**PASSED**	
Donation link	• Does the donation site return errors when invalid/incorrect/missing information is entered?	📄 Q4H-118 - Donation link should return error when invalid information entered `DONE`	**PASSED**	Completed via automated testing with manual input of CAPTCHA data.
Search function	• Does the search function return valid results based on the	📄 Q4H-119 - Search function `DONE`	**PASSED**	Completed via manual testing

	search criteria?			
Incorrect username	• Is an error displayed if the user name is entered incorrectly?	▤ Q4H-120 - Incorrect username DONE	PASSED	
Incorrect user password	• Is an error displayed if the password is entered incorrectly?	▤ Q4H-121 - Incorrect user password DONE	PASSED	

Schedule / Coordination

Testing Entry Criteria

- Website needs to be working
- Email address for user registration

Testing Exit Criteria

- All manual tests complete
- All automated tests complete

Monitoring and Control

To keep testing on track, I will follow test cycles and will update Jira kanban board with status of each test as it completed.

Test Summary Report

I was able to test all functionality that was initially listed, including:

- Website availability
- Website registration
- Existing user log in
- Internal links
- External links
- 'Near You' events
- Donation links
- Search function

To improve future testing cases, I would recommend improving on the selectors for the different pages. All of the internal pages had the same selectors between pages. For example, navigating to https://www.nationalmssociety.org, selecting 'What Is MS?', and then selecting the link in the first box titled 'Definition of MS' has the same selector as selecting 'Symptoms and Diagnosis' from the navigation bar and then selecting the first main link on that page titled 'MS Symptoms'. To prevent confusion on the testers end, it would be better for each link to have its own unique identifier, though this doesn't lessen the users experience with the site at all.

In addition to the selector issue, I did experience issues with the automation of tests to access each of the main internal links while not logged in as a user. Additional time to test the site may result in better outcomes with that automation process. Through manual testing, I was able to access all of the same resources and pages that were available to me as a registered user.

As stated in the risks, the large amount of information available on the website prevents 100% testing to ensure complete functionality, though, I've found that the website has more than sufficient functionality and should be easy for any user to access the information available.

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