

Test Plan

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Test Cases by user story

1. As a user, I would like to be able to submit issues so I can report relevant issues in my area.

Type	Test Id	Title	Instructions	Expected Result	Severity
Functional	1	Submit a valid issue	Create an issue and fill all fields with valid information	The issue submission process should perform as expected and	Critical
Equivalence	2	Submit an issue for a different area	Create an issue with an address outside of the city limits	An error message states that the issue is outside city limits	Important
Equivalence	3	Missing required fields	Submit issues each missing one of the required fields	An error message prompts to fill all required fields	Important

2. As a user, I would like to be able to see issues other citizens have reported so I can stay up-to-date with issues that are relevant to me.

Type	Test Id	Title	Instructions	Expected Result	Severity
Functional		View issues	Navigate to the issue-list page	Issues are viewable in a list	Critical
Functional		View issues on map	Navigate to the map page	Issues are viewable by location	Critical
Equivalence		View other user's issue on map	Have another user create an issue and check to see if that issue shows up on the map from the initial user's perspective	Initial user should be able to see new issue on the map	Important

3. As a user, I would like to be able to check all the issues I have reported so I can stay up-to-date with the status of my issues.

Type	Test Id	Title	Instructions	Expected Result	Severity
Functional		View My issues	Submit an issue and Navigate to My Issues page	Issues are viewable in a list	Critical

4. As a user, I would like to be able to comment on issues so I can add more information regarding an issue after its initial reporting.

Type	Test Id	Title	Instructions	Expected Result	Severity
Functional		Add comment popup	Navigate to Issues page and click on add comment button for any issue	Popup with text box and button to submit comment	Critical
Functional		Submit comment	Type in comment description and submit comment	Comment will show under particular issue	Critical

5. As a user, I would like to be able to upvote issues that are important to me so I can help prioritize active issues.

Type	Test Id	Title	Instructions	Expected Result	Severity
Functional		Click Upvote on issue	Navigate to Issues page and click "Upvote" button on an issue	Issue listing should update and display upvote count	Critical

6. As a user, I would like to be able to downvote issues that I believe are irrelevant so I can help prioritize more relevant issues.

Type	Test Id	Title	Instructions	Expected Result	Severity
Functional		Click Downvote on issue	Navigate to Issues page and click "Downvote" button on an issue	Issue listing should update and display downvote count	Critical

7. As an administrator, I would like to be able to see which issues are most important to citizens so I can better prioritize what issues should be resolved.

Type	Test Id	Title	Instructions	Expected Result	Severity
Functional		View issues	Log into Administrator account and navigate to Issues list page	User is able to view list of most important issues	Critical

8. As an administrator, I would like to be able to mark issues as resolved so I can manage the workflow of issues.

Type	Test Id	Title	Instructions	Expected Result	Severity
Functional		Mark	Log into Administrator	Issue listing should	Critical

		Resolved	account and mark an issue as resolved	be marked as resolved	
Equivalence		View Resolved	Log into User account and check to see if issue is resolved.	Issue listing should be marked as resolved	Important

9. As an administrator, I would like to be able to remove issues when they have become irrelevant so that only relevant issues are present in the system.

Type	Test Id	Title	Instructions	Expected Result	Severity
Functional		Delete Issue	Log into Administrator account and delete an issue	Issue is removed from list of all Issues	Critical

10. As a user, I would like to be able to confirm that an issue has been resolved after an administrator closes it, so I can ensure issues are properly reconciled.

Type	Test Id	Title	Instructions	Expected Result	Severity
Functional		Issue Resolved email	Log into Administrator account and set issue to resolved	Email is sent to user that submitted the issue notifying resolved	Critical

11. As a user, I would like to be able to receive an email when one of my issues gets resolved so I can stay updated on the status of my issues.

Type	Test Id	Title	Instructions	Expected Result	Severity
Functional		Email on status change of issue to resolved	Create an issue using a user account. Change the status of an issue using an admin account and see if an email is sent.	An email is sent to the user notifying them that the issue is resolved.	Workaround

12. As a user, I would like to be able to see an alert on the site when an issue has been resolved so I can stay updated on the status of my issues.

Type	Test Id	Title	Instructions	Expected Result	Severity
Functional		Status change on website when issue is resolved	Create an issue using a user account. Change the status of an issue using an admin account and see if the status of the issue is changed from	Status changed on the website for the user's issue on the user's account.	Workaround

			the users perspective.		
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13. As a user, I would like to be able to view a map of the various municipal issues so I can see where the issues are.

Type	Test Id	Title	Instructions	Expected Result	Severity
Functional		Create an issue at a location and see if it appears from your perspective	Create a new issue as a user and tag it a specific location. Then check the map and see if your new issue appears.	Issue should appear at the location you specified.	Critical
Functional		Create an issue at a location and see if it appears from another user's perspective	Create a new issue as a user and tag it a specific location. Then check the map from another user account and see if your new issue appears.	Issue should appear from the other user's perspective.	Critical

14. As a user, I would like to be able to classify which category an issue belongs to so I can ensure the correct work gets done.

Type	Test Id	Title	Instructions	Expected Result	Severity
Equivalence		Test the choosing of a category	Choose a category that the issue belongs to.	Category should be shown along with the issue.	Important
Equivalence		Test making an issue without choosing a category	Create an issue but do not choose a category.	Category should not be shown with the issue.	Important

15. As a user, I would like to be able to filter issues by category so I can focus on the particular types of issues that are important to me.

Type	Test Id	Title	Instructions	Expected Result	Severity
Equivalence		Choose to filter by a specific category	Choose any category when filtering issues.	Every issue should be of the category that was chosen to filter by.	Important
Equivalence		Choose not to	View all issues without use of	All issues should	Important

		filter by a specific category	categorization.	appear including those with and without categories.	
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16. As an administrator, I would like to be able to ensure that not all users have the ability to modify all issues so I can ensure users cannot maliciously interfere with other citizens' issues.

Type	Test Id	Title	Instructions	Expected Result	Severity
Functional		Test to see if status can be manipulated of other account's issues	View the issue of another user and attempt to edit it.	Editing should not be allowed.	Critical

17. As an administrator, I would like to be able to modify any issue so I can ensure they are all relevant and up to date.

Type	Test Id	Title	Instructions	Expected Result	Severity
Functional		Attempt to edit the status of a user's issue	Login to an admin account and attempt to edit an issue's status.	Issue should be editable by the admin.	Critical

18. As a user, I would like to be able to remove an issue I have reported when it becomes irrelevant so I can prevent the site from becoming too cluttered

Type	Test Id	Title	Instructions	Expected Result	Severity
Functional		Test deletion of an issue	Create a new issue then attempt to delete that issue.	Issue should be successfully removed.	Important

19. As a user, I would like for my private information to be secure so I can be safe while using the site.

Type	Test Id	Title	Instructions	Expected Result	Severity
CANT TEST WITH BLACK BOX	NA	NA	NA	NA	NA

20. As a user, I would like to be able to create an account so I can have consistent details and activity.

Type	Test Id	Title	Instructions	Expected Result	Severity
Functional		Create an	From the login page, click	An account is	Critical

		account	sign up and enter a valid email, name, and password	created and you are redirected to the home page	
Equivalence		Invalid email	From the login page, click sign up and create an account with a garbage string as the email	An error message should appear indicating the email is invalid	Critical
Equivalence		Non-matching passwords	Attempt to create an account with passwords that do not match.	The sign up page prompts you to check that your passwords match	Important
Equivalence		Duplicate email	Attempt to create an account that has the same email as your account	An error message should appear indicating the account already exists	Critical

21. As a user, I would like to be able to login with an existing account so I can keep my information and issues consistent.

Type	Test Id	Title	Instructions	Expected Result	Severity
Functional		Login	Enter the correct email and password	User is logged in	Critical
Equivalence		Invalid Login	Enter the correct email with the wrong password	An error message appears indicating that the password is incorrect	Critical

22. As a user, I would like to be able to change my account details so I can ensure my account reflects my current status.

Type	Test Id	Title	Instructions	Expected Result	Severity
Functional		Change email	Change email to something that you know is not already taken	Email is changed	Important
Equivalence		Invalid email	Change email to an email that is taken	An error message states that the email is already in use	Critical
Functional		Change password	Correctly type the old and new password	The password is changed	Important
Equivalence		Wrong	Enter a matching incorrect	An error message	Important

		password	password in the Current Password and Confirm password fields	states that your password is incorrect	
Equivalence		Non-matching passwords	Attempt to change passwords but enter the correct password for Current Password and a non-matching password in the Confirm Password field	The page prompts you to check that your passwords match	Important

23. As a user, I would like to be able to submit my home address so I can see which issues are close to me.

Type	Test Id	Title	Instructions	Expected Result	Severity
Functional		Change address	Change address on the issues page	Locations are sorted on proximity to address	Workaround
Equivalence		Address out of jurisdiction	Enter an address outside of the municipal area	Error message appears	Important

24. As a user, I would like to be able to delete my account so I can ensure my personal privacy and security.

Type	Test Id	Title	Instructions	Expected Result	Severity
Functional		Delete Account	Navigate to account info > delete account > Are you sure you want to delete your account > yes	Account is deleted and a new accounts can be created with the old email	Important
Functional		Select no in account deletion confirmation prompt	Navigate to account info > delete account > Are you sure you want to delete your account > no	Account is not deleted	Critical

25. As a user, I would like to be able to reset my password so I can recover my account if I forget my password.

Type	Test Id	Title	Instructions	Expected Result	Severity
Functional		Reset password	Navigate to recover password page > Enter a registered email > Redirected to login	Account password is reset	important

Functional		Invalid Email	Navigate to recover password page > Enter a non-registered email > Not redirected,	User is informed why they are not redirected	important
Equivalence		Email of deleted account	Navigate to recover password page > Enter a deleted account email	User is informed why they are not redirected	important

26. As an administrator, I would like to be able to limit the available reporting area to my municipality so I can make sure all the issues are within my jurisdiction.

Type	Test Id	Title	Instructions	Expected Result	Severity
Functional		Controlled Issues	Navigate to submit issue page > select the address field > input desired address.	New issue will have inputted address	important

27. As a user, I would like to be able to input an address to locate an issue so I can place it at a certain location.

Type	Test Id	Title	Instructions	Expected Result	Severity
Functional		Local issues from submit report	Navigate to map page > click a desired place on the map > option generates to add new issue	Option open on selected location to add issue and issue tracks given location	important

28. As a user, I would like to be able to select a location on a map to report an issue so I can place it at a precise location.

Type	Test Id	Title	Instructions	Expected Result	Severity
Functional		Local issues from map	Navigate to map page > click a desired place on the map > option generates to add new issue	Option open on selected location to add issue and issue tracks given location	important

29. As an administrator, I would like to be able to view a table with all the currently open issues so I can keep track of what needs to be taken care of.

Type	Test Id	Title	Instructions	Expected Result	Severity
Functional		Current issues	Navigate to issues page > filter by time	Most recent issue should be brought	important

				to the top	
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