Test cases:

Website Homepage:

* Check if default window size is correct
* Check window minimize, maximize, and close functionality
* Check if window is re-sizable
* Check scroll bar functionality for window

Create Account:

* All fields on page (e.g. text box, radio options, dropdown lists) should be aligned properly
* Enough space should be provided between field labels, columns, rows, error messages etc.
* Upon click of any input text field, mouse arrow pointer should get changed to cursor
* Check if correct data is getting saved in database upon successful page submit
* No duplicate user names in the database
* Test password security and password policy enforcement

User Login:

* All fields on page (e.g. text box, radio options, dropdown lists) should be aligned properly
* Enough space should be provided between field labels, columns, rows, error messages etc.
* Upon click of any input text field, mouse arrow pointer should get changed to cursor
* Data corresponds with user’s info in the database
* Sensitive fields like passwords should not have auto complete enabled

Admin Creation:

* All fields on page (e.g. text box, radio options, dropdown lists) should be aligned properly
* Enough space should be provided between field labels, columns, rows, error messages etc.
* Upon click of any input text field, mouse arrow pointer should get changed to cursor
* Cannot be accessed from a standard user account
* Check if correct data is getting saved in database upon successful page submit
* Admin account can only use permissions given to it
* Test password security and password policy enforcement

Forgotten password:

* Website emails the users’ chosen email address with a randomly generated new password
* New generated password once entered with corresponding username overwrites old password when logging in

Category Page:

* Database stores the change of the user type in the users’ personal information
* Corresponding artifacts to the users’ type are displayed on the page if the user type has changed
* Check if page load time is within acceptable range
* Check response time for any action under light, normal, moderate and heavy load conditions
* Check database query execution time
* Check if radio button and dropdown list options are saved correctly in database

Add Information:

* Check if data is committed to database only when the operation is successfully completed
* Database logical names should be given according to database
* Required table indexes should be created

Update Information:

* Information being added overrides the original corresponding data in the database
* No new values or information can be set as null
* database fields are designed with correct data type

Delete Information:

* Information in the index about deleted item is removed
* Tables and columns containing artifact are updated and done contain the deleted artifact

Information Page:

* Check for stress testing of web page
* Check database query execution time
* Check if page load time is within acceptable range
* Check if default window size is correct
* Check window minimize, maximize, and close functionality
* Check if window is re-sizable
* Check scroll bar functionality for windows

Categories Prioritised:

* Only artifacts related to the users’ type are displayed on the map
* User can call a singular type of artifact to be displayed on the map
* Proper validation messages should be displayed for invalid values for filter criteria

Viewing details on item:

* Pulls appropriate data from google about the selected artifact

Change Cities:

* Displays artifacts located in the newly selected city
* Check if map size is correct
* Check window minimize, maximize, and close functionality
* Check if window is re-sizable
* Check scroll wheel for zoom in and out