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| Serial Number | Test Case Description | Entry Criteria | Exit Criteria | Expected Result | Actual Result | Test Date | Test Pass/Fail? |
| 001 | Website saves history of search terms. | Inputs are saved in a history box after searching  ‘Clean’ button removes the search history | User input is displayed in a history box on the side of page.  Clicking the search history term fills out the search box | Values are saved in cookies  Search terms displayed on the website  When search term is clicked, it prefills the search box  ‘Clean’ button removes the history search terms and cookies  Search history doesn’t duplicate | Values saved in cookies  Search terms displayed on the website  Clicking the search term prefills the search box  ‘Clean’ button removes all previous search terms and cookies  Search terms doesn’t duplicate | 11/03/19 | Pass |
| 002 | Button Search | Clicking the button starts searching the database. | Database searching is conducted | Button search starts searching database using the query inside the search box  Button is displayed on the page and is clickable | Click of the button conducts search  Query is submitted to the search  Search button is displayed on the page  Button not visible when window is adjusted | 28/03/19 | Fail – Button not visible when window is adjusted. |
| 003 | Button Search | Clicking the button starts searching the database. | Database searching is conducted | Button search starts searching database using the query inside the search box  Button is displayed on the page and is clickable  Button is visible when window is adjusted | Click of the button conducts search  Query is submitted to the search  Search button is displayed on the page  Button is visible when window is adjusted | 28/03/19 | Pass |
| 004 | Getting Help | Help button to display instructions | Instruction displayed on the website | Help button displayed on the website  Clicking the help button displays a set of instructions  Clicking on the instructions closes it | Help button is visible and easy to access  Clicking the help button displays a set of instructions  Clicking on the instructions closes it. | 28/03/19 | Pass |
| 005 | Viewing a result | Search results shows more information | User can expand result for more information | Each search result is expandable  Clicking on the result displays its information on a separate page  Going back to the previous page displays the same results | Each search result is expandable  Clicking on the result displays its information on a separate page  Going back to the previous page displays the same results | 29/03/19 | Pass |
| 006 | Website has an SSL certificate | SSL certificate is available to users.  Website is served through https (port 443) | Users can verify that the website is secure and knows who is hosting the site.  Website shows a green padlock in the address bar. | The website is served in https (hyper text transfer protocol secure)  Padlock is displayed in the address bar  Certificate details are true and accurate.  Certificate valid and verified for client and server | Website served in https  Padlock is displayed in the address bar.  Certificate details are filled out with two different organisations.  Certificate verified for client and server. Certificate valid from the 19th April 2017 to 22 June 2020 | 29/03/19 | Pass |
| 007 | Search queries | Users can view the website  Users can search for any research information | Website displays the search box  Search results are displayed on the page | Search box is displayed on the website  Results return the requested information  Auto suggestion is displayed when typing in search box | Search box is displayed on the website  Results return requested information  Auto suggestion is displays Chinese words | 16/04/19 | Fail – Chinese characters are shown in the suggested list |
| 008 | Search queries | Users can view the website  Users can search for any research information | Website displays the search box  Search results are displayed on the page | Search box is displayed on the website  Results return the requested information  Auto suggestion is displayed when typing in search box | Search box is visible  Results return the requested information  Auto suggestion is shown when typing in the search box | 2/05/19 | Pass |
| 009 | Collection of Documents | Users can see a list of results relevant to the requested search  Users can view new documents | Results are relevant to the search  Results are ordered by relevancy separated by rows. | Back-end functions check for new documents upon search  Function gathers all relevant results and displays it on the page.  Ordered by relevancy | Back-end functions check for new documents upon search  Function gathers all relevant results and displays it on the page.  Ordered by relevancy  New documents are displayed on the website after adding to database | 2/06/19 | Pass |
| 010 | Filters | A variety of filters can be applied to the search results  Users can click on the filter options | Filter refines the search results.  Multiple filter options available. | Search is conducted when the ‘update’ button is clicked.  Website returns relevant results.  Website orders the results in chronological order | Search is conducted when the ‘update’ button is clicked.  Website returns relevant results.  Website orders the results in chronological order | 2/06/19 | Pass |
| 011 | Recording user interaction | Website records the user’s interaction with the website | Recorded data displays information about the user’s interactions (clicks, scrolls, time spent, country etc) | Statistics start recording when user loads the website  Results immediately saved and accessible through Google Analytics. | Code is run when website is live.  Impossible for Google Analytics to gather information when website is hosted locally. | 2/06/19 | Fail – Website is run locally making it impossible for Google to gather information. |
| 012 | Personalising the Website | User can apply dark mode to the website | Website switches between light and dark mode | Settings button still visible when window is adjusted.  Clicking the settings button shows a small window of options  Applying dark mode changes the website’s colours  ‘Save’ button stores the user’s settings in cookies. | Settings button still visible when window is adjusted.  Clicking the settings button shows a small window of options  Applying dark mode changes the website’s colours  ‘Save’ button stores the user’s settings in cookies | 2/06/19 | Pass |
| 013 | Sub-filters | Multiple filters work in conjunction to gather specific results | Less results are returned destined for user’s search | Multiple filters gather relevant results  Results are displayed in chronological order.  User can apply more than one filter | Multiple filters gather relevant results  Results are displayed in chronological order.  User can apply more than one filter | 2/06/19 | Pass |
| 014 | Aggregation graphs | Graphs shown on website | Hovering over the graph will show statistic | Search results generate a graph  Graph is displayed on the page  Hovering over the graph shows statistics | Search results generate a graph  Graph is displayed on the page  Hovering over the graph shows statistics | 16/06/19 | Pass |
| 015 | Time Filter | Filters shown on the page | Customer can select filters without specifying the time | Clicking on filters reduce results  Filter automatically applies to the results  Results are displayed. | Clicking on filters reduce results  Filter automatically applies to the results  Results are displayed. | 16/06/19 | Pass |