DevelopmentInformatics SAT

short line

Owen Griffiths  
20th August, 2018

# 

# Testing Tables:

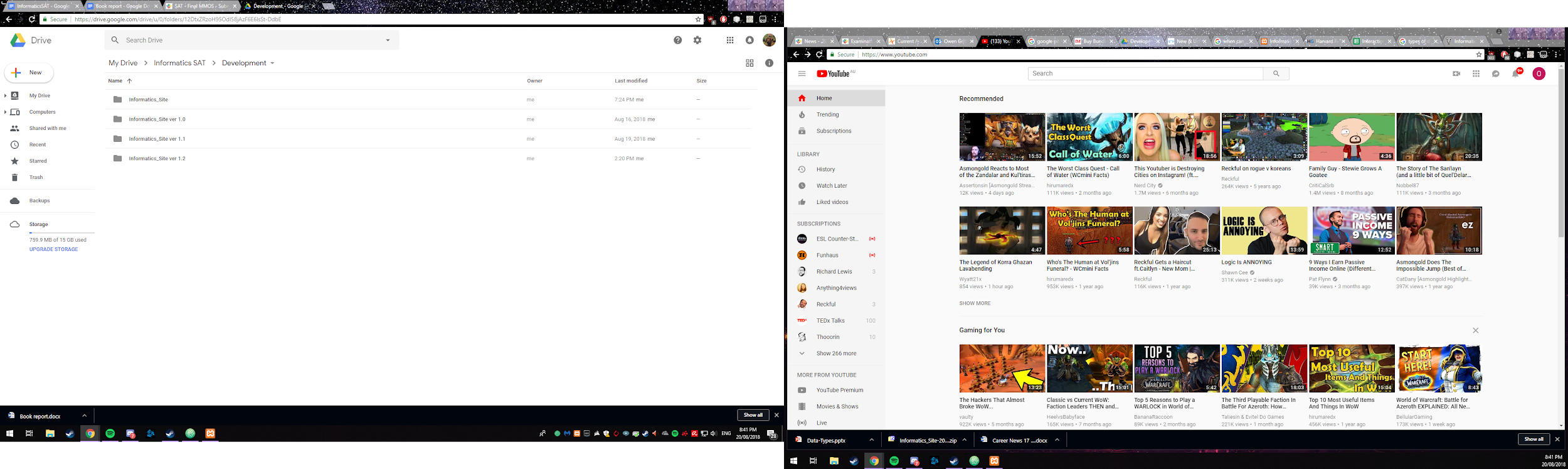
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| What was tested? | How was it tested? | Expected Result | Actual Result | How it was fixed, if relevant |
| Navbar on the homescreen, does it appear? | Loading the website and seeing if the navbar loads? | The website loads with the navbar at the top of the page | The website loads with the navbar at the top of the page | n/a |
| Does the research tab on the navbar appear, and when clicked takes you to the relevant section of the website? | Loading the website and observing if appears, then clicked on the link and seeing if it moves to the relevant section of the website. | The research tab loads and once clicked moves towards the research section of the website. | The research tab loads and once clicked moves towards the research section of the website. | n/a |
| Does the findings tab on the navbar appear, and when clicked takes you to the relevant section of the website? | Loading the website and observing if appears, then clicked on the link and seeing if it moves to the relevant section of the website. | The findings tab loads and once clicked moves towards the findings section of the website. | The findings tab loads and once clicked moves towards the findings section of the website. | n/a |
| Does the conclusion tab on the navbar appear, and when clicked takes you to the relevant section of the website? | Loading the website and observing if appears, then clicked on the link and seeing if it moves to the relevant section of the website. | The conclusion tab loads and once clicked moves towards the conclusion section of the website. | The conclusion tab loads and once clicked moves towards the conclusion section of the website. | n/a |
| Does the acknowledgments tab on the navbar appear, and when clicked takes you to the relevant section of the website? | Loading the website and observing if appears, then clicked on the link and seeing if it moves to the relevant section of the website. | The acknowledgments tab loads and once clicked moves towards the acknowledgments section of the website. | The acknowledgments tab loads and once clicked moves towards the acknowledgments section of the website. | n/a |
| Does the informatics site tab load on the website and once clicked takes you to the start of the website? | Loading the website and observing if appears, then clicked on the link and seeing if it moves to the relevant section of the website. | The informaticists site tab loads and once clicked moves towards the starting section of the website. | The informaticists site tab loads and once clicked moves towards the starting section of the website. | n/a |
| Is the styling of the navbar correct, is the informatics site tab yellow and all the other tabs are white? | Loading the website and observing if the colours and styling options for the website are correct | The informatics site tab has yellow text while, the other tabs are white. | The informatics site tab has yellow text while, the other tabs are white. | n/a |
| Once you have scrolled down half of the stating section of the website the navbar decreases in size | Loading the website and scrolling down half of the starting section website. | The navbar will decrease in size | The navbar decreases in size | n/a |
| Once you have scrolled down half of the stating section of the website the navbar will display with a dark background | Loading the website and scrolling down half of the starting section website.and observing the navbar | The navbar background will be a dark grey | The navbar has a dark grey background | n/a |
| Does the background image display of the starting section of the website. | Loading the website and observing if the background image loads. | The background images loads and is displayed | The background images loads and is displayed | n/a |
| The correct text loads and is displayed on the starting section of the website. Including the title and sub-text | Loading the website and observing if the title loads and the text beneath it loads and displays. | The title and text beneath the title loads and is displayed | The title and text beneath the title loads and is displayed | n/a |
| Does the correct titles and sub-text display for the research section? | Observing the research section of the website and observing if the title and sub-text loads and displays? | The correct title and sub-text loads and is displayed for the research section of the website. | The correct title and sub-text loads and is displayed for the research section of the website. | n/a |
| Does the question mark icon display and load? | Observing if question mark icon loads and is displayed | The question mark icon loads and is displayed | A magnifying glass icon is loaded and displayed | * I changed research icon class from “search” to “question” |
| Does the question mark icon display and load? | Observing if question mark icon loads and is displayed | The question mark icon loads and is displayed | The question mark icon loads and is displayed | n/a |
| Is the text aligned in the center of the website for the research section? | Observing if the content in the research section is aligned in the center | The text and icons are aligned in the center | The text and icons are aligned towards the left of the page. | * Added “style="margin:0 auto;">” to the div for the research section |
| Is the text aligned in the center of the website for the research section? | Observing if the content in the research section is aligned in the center | The text and icons are aligned in the center | The text and icons are aligned in the center | n/a |
| Is the correct colours displayed for the research section of the website | Observing the research section and seeing if the icon and text are the correct colours | The text is black and the icon is yellow and are being displayed on a white background | The text is black and the icon is yellow and are being displayed on a white background | n/a |
| Does the title for the findings section appear with the subheadings as well? | Observing the findings section and seeing if the title and subheadings appear. | The tite “The Findings” and subheading “This section contains key findings from the study” load and are displayed | The tite “The Findings” and subheading “This section contains key findings from the study” load and are displayed | n/a |
| Does the grid for the key findings appear with the the findings aligned in a row. | Observing if the key findings grid appears and if there aligned in a row | The key findings appear in a grid and are aligned in a row | The key findings appear in a grid and are aligned in a row | n/a |
| The correct images for the key findings grid are loaded and displayed. | Observing the findings section and seeing if the correct images load | The correct images loads for the key findings grid | The correct images loads for the key findings grid | n/a |
| If the alt text of the images of the findings section is working correctly | Loading the website and using windows narrator to read the alt text | Alt text is read by windows narrator | Did not read the alt text | * Forgot to add quotes around the alt text so it was not read. |
| If the alt text of the images of the findings section is working correctly | Loading the website and using windows narrator to read the alt text | Alt text is read by windows narrator | Alt text is read by windows narrator | n/a |
| Clicking on the panels in the finding sections links to the corresponding panels. | Clicking on the image and seeing if it displays the corresponding panel | The corresponding panel is displayed for the image clicked on | The corresponding panel is displayed. | n/a |
| The findings panels display the correct title and sub text in each corresponding panel | Observing and reading each panel to see if the title and sub text is loaded for each panel | Each panel displays the correct title and sub-text | Each panel displays the correct title and sub-text | n/a |
| Visual elements in the findings panels are displayed like graphs | Observing if the graphs are displayed in the panels | The panels containing graphs will display the correct graph | The panels do display the correct graph | n/a |
| The graphs can be manipulated by clicking the coloured boxes | Clicking on the boxes and observing the changes to the graph | The graphs should change by removing the dataset of the colored box. | The graphs did change correctly accordingly to what dataset was removed/added. | n/a |
| In the panel “what other studies found” does the video from youtube display and can be played | Clicking on the panel and observing if the youtube video appears and then clicking on it and checking if the video loads. | The youtube video appears and when clicked on the video plays | The youtube video appears and when clicked on the video plays | n/a |
| Are the text in each panel aligned in the center? | Observing the text in each panel to see if there aligned towards | The text for each page is aligned towards the center | The text for each page is aligned towards the center | n/a |
| Are all colours in each panel are displaying correctly? | Observing each panel to see if the colours are correct. | The background is white and the text is black | The background is white and the text is black | n/a |
| When hovering over the panel images a yellow transparent image should appear | Observing to see if the yellow image prompting the user to click on the panel appears when hovering over it. | Hovering over the image produces a semi transparent image that prompts the user to click on the panel | Hovering over the image produces a semi transparent image that prompts the user to click on the panel | n/a |
| Inside the panel at the bottom clicking the button called “close” | Clicking on the button and observing what happens to panel | The panel closes and the user is returned to the findings section | The panel closes and the user is returned to the findings section | n/a |
| The “tell me more” button at the start of the website | Observing what happens when the “tell me more” button is clicked | Once clicked the webpage scrolls down to the research section of the page | Once clicked the webpage scrolls down to the research section of the page | n/a |
| The heading in the conclusion section | Observing the heading in the conclusion section | The title “The Conclusion” appears | The title “The Conclusion” appears | n/a |
| Does the magnifying icon display and load? | Observing if magnifying icon loads and is displayed | The magnifying icon loads and is displayed | A question mark icon is loaded and displayed | * I changed the conclusion icon class from “question” to “search” |
| Does the magnifying icon display and load? | Observing if magnifying icon loads and is displayed | The magnifying icon loads and is displayed | The magnifying icon loads and is displayed | n/a |
| The text beneath the magnifying glass icon if it displays | Observing if the text underneath magnifying glass displays | The text beneath the magnifying glass loads and is displayed | The text beneath the magnifying glass loads and is displayed | n/a |
| The second paragraph in the conclusion section if it displays or not | Observing if the second paragraph loads and displays | The second paragraph in the conclusion section loads and is displayed | The second paragraph in the conclusion section loads and is displayed | n/a |
| The conclusion sections alignment | Observing if the alignment of the conclusion is towards the center of the page | The alignment of the text and icons is in the center of the page | The alignment of the text and icons is in the center of the page | n/a |
| The colours of the text and background in the conclusion section | Observing the colours in the conclusion section | The text should be black and the background of the section should be white | The text is black and the colour of the background is white | n/a |
| The colour of the icon in the conclusion section | Observing the colour of the icon in the conclusion section | The icon should be yellow | The icon is yellow | n/a |
| The title in the acknowledgments section | Observing if the acknowledgments title appears | The title of acknowledgments appears | The title of acknowledgments appears | n/a |
| The sub-heading in the acknowledgements section appears | Observing if the sub-heading in the acknowledgements section appears | The sub-heading of the acknowledgments section appears | The sub-heading of the acknowledgments section appears | n/a |
| Each card in the acknowledgements section appears | Observing if each of the cards loads and displays on the page | 4 cards are loaded and displayed on the screen in a row | 4 cards are loaded and displayed on the screen in a row | n/a |
| The alignment of the cards in the acknowledgement section | Observing the cards in the acknowledgments section | The 4 cards are aligned in a row from the left of the screen to the right | The 4 cards are aligned in a row from the left of the screen to the right | n/a |
| The card titles in the acknowledgments section appears | Observing the card titles in the acknowledgement section | Each card displays a title specific to their content | Each card displays a title specific to their content | n/a |
| The link in the first card to “Social media and Children’s Mental Health: A review of evidence” | Clicking on the link and observing if it redirects to the linked website | It redirects to “Social media and Children’s Mental Health: A review of evidence”  and loads all the information | It redirects to “Social media and Children’s Mental Health: A review of evidence”  and loads all the information | n/a |
| The link in the second card to “facebook and mental health: is social media hurting or helping” | Clicking on the link and observing if it redirects to the linked website | It redirects to “facebook and mental health: is social media hurting or helping” and loads all the information | It redirects to “facebook and mental health: is social media hurting or helping” and loads all the information | n/a |
| The link in the third card to “Online Social Networking Sites and Mental Health” | Clicking on the link and observing if it redirects to the linked website | It redirects to “Online Social Networking Sites and Mental Health” | It redirects to “Online Social Networking Sites and Mental Health” | n/a |
| The link in the forth card to “Spending more time on social media might not trigger mental health issues.” | Clicking on the link and observing if it redirects to the linked website | It redirects to “Spending more time on social media might not trigger mental health issues.” | It redirects to “Online Social Networking Sites and Mental Health” | * Changed the href to equal the correct link   href="http://www.iflscience.com/health-and-medicine/spending-more-time-on-social-media-might-not-trigger-mental-health-issues/" |
| The link in the forth card to “Spending more time on social media might not trigger mental health issues.” | Clicking on the link and observing if it redirects to the linked website | It redirects to “Spending more time on social media might not trigger mental health issues.” | It redirects to “Spending more time on social media might not trigger mental health issues.” | n/a |
| The colours in the acknowledgments section | Observing the colours in the acknowledgment section | The text should be black, the links are yellow and the background is white. | The text is black, the links are yellow and the background is white. | n/a |
| Readability of the website | Asked two volunteers to read the website and report on text size, contrast, alignment, spelling, vocabulary, offensiveness and headings. | The volunteers will have no issue with reading and understanding the website. | The volunteers will had no issue with reading and understanding the website. | n/a |
| Loading times of the website | Timing the amount of time it takes for the website to load | The website should load majority of the website within 20 seconds | The website loads quickly and efficiently and it is within 20 seconds. | n/a |
| The styling of the website | Observing the whole website and seeing if all styling and colour are consistent | All colours and styling are consistent throughout the website | All colours and styling are consistent throughout the website | n/a |
| The circles in the footer that should return the user to the start of the page | Clicking on the circles and observing what happens to the website | After clicking on the circle the website returns to the starting section of the page | After clicking on the circle the website returns to the starting section of the page | n/a |
| The text in the footer section of the website | Observing if the text in the footer section of the website appears or not | The text and copyright logo appears | The text and copyright logo appears | n/a |

# Other testing:

|  |  |
| --- | --- |
| Functions and Techniques | Description |
| Manipulating text and code in atom | Editing and creating text in atom so that it could create a website that would be displayed |
| Cropping images | I had to crop the image in the background for the starting section so that the image would fit properly. |
| Saving in atom, google docs and other applications | Saving the current progress in several applications so that all the content and website were saved. |
| Uploading on google drive | Using google drive as a backup method for my project by uploading all files relating to the project online. |
| Manipulating data in google spreadsheets | Using functions in google spreadsheets to generate formulas to analyse the data to produce findings for the research. |
| Creating graphs with chart.js | Adding data to chart js and choosing ways in which to display the data with a chart by using chart.js. |
| Using bootstrap for styling and alignment of pages in the website. | Using certain classes in bootstrap enabled me to center and style certain pages in my website. |

|  |  |
| --- | --- |
| Types of data | Description |
| text | Paragraphs of information were comprised of text and characters. |
| date | The date was used in identifying when a source was accessed and the date from which the source of information was uploaded. |
| numeric | Numeric values were utilised in the creation of the website by |
| qualitative | Implementing the opinions of those who participated in the research in the website as well as information from secondary sources. |
| quantitative | Data that was analysed and transformed into information was used in the formation of the graphs on the website which held quantitative data. |

# File Management



All files relating to the development were backed up online on the cloud storage service Google Drive and to test this was working properly I downloaded the files and used them on another device. The documents were also backed up on a usb stick so that there was a physical copy incase Google Drive was not accessible. The main functionality used in this was “uploading” and “save as” in google drive and doing this on a regularly basis ensured that all files relating to the development of the website were saved and backed up, incase of an emergency.