TWIC - Assessment 2

Task **1**. Locate and extract information in different formats from a range of local or remote data sources

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| **Accessing information using ICT** | |
| You are required to carry out searching for and locating information in different formats from a range of local or remote data sources. | |
| **Define search topic and complex search strategy** | |
| What topic are you searching for information on? | Security Issues on the Website |
| You are required to search in at least three locations. Provide details of the sources, e.g. Internet, CD-ROM, intranet, own computer. | **Source 1** Internet  **Source 2** Own computer  **Source 3** Library |
| Provide details about the different types of information formats used (web pages, blog, word, PowerPoint, videos, audio) | Web pages, blogs, forum posts, videos, books. |

Task **2**.

2.1 Apply complex search strategies to locate information  
 2.2 Evaluate your search strategies

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| What topic are you searching for information on? | Security Issues on Website |
| Provide an outline of the search strategy that you will use to search for information. Include choice of sources, keywords, order and logic. | I will start by defining my research question. Then I will identify and keep a record of key words, terms and phrases. I will then use synonyms of keywords to help broaden the research. I will adhere to an agreed timeframe in which to complete my research.  In this case I will investigate key words such as Network Security, Web Security, Password Protection, Increase Security on Website etc.  I am limiting my search to pieces published in recent years to get the most up to date and relevant information. |
| How well the information returned meet the search keywords/strategies?  Did the search keywords/strategies successfully filter out irrelevant information?  Was it effective in terms of time/ speed? | It worked well and returned information that overall was relevant to my research goals in an efficient manner.  There were a few results returned that were not relevant to my research, such as increasing the security of users’ information, however those were eliminated by added an exclude parameter to my searches. |

Task **3**. Evaluate the information found

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| How are you evaluating the information found?  Identify the criteria that you are going to use( e.g. how up to date is the information, is the information at a level you understand, is it reliable, biased, relevant and in an appropriate format?) | I am only using information that I have found from multiple sources and published within the last two years to use up to date information. I will be prioritising research that has been found from reputable sources that are relevant to the company’s problem (this being web security in my case). |
| How well the information you have found meet your evaluation criteria? | It has met it well, when searching for information I already knew what my evaluation criteria was so I could make informed decisions on how to find my research within these parameters. |

Task **4**.

Selection and appropriate use of ICT in carrying out individual tasks during the project’s duration

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| **ICT operations** | |
| This section relates to the selection and appropriate use of ICT.  You must identify suitable software for the tasks and also make appropriate use of ICT to present information in an appropriate format.  You are required to identify one hardware and one software problem, and state how you resolved these. | |
| **Select and use software for a range of tasks** | |
| **List of software used** | **Purpose of software used** |
| Google Chrome | To search for research |
| MS Word | To write notes |
| Adobe PDF Reader | To read articles |
| **Identify common hardware and software problems and can resolve simple problems** | |
| **Hardware Problem** | **State how you resolved the problem** |
| Internet cut out | Reset router |
| **Software Problem** | **State how you resolved the problem** |
| Audio not playing on video | Switched audio device under Sound Settings |