 **GCSE**

**AFC02**

**COMPUTER SCIENCE 20xx**

**Non-exam assessment - Software Development Task**

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| **Name of Candidate:** | **Dan Williams** | | **Candidate's Number:** | **6875** |
| **Name of Centre:** | **St Albans RC High School** | | **Centre Number: 68376** |  |
| **Refinement logbook** | | | | |
| Project title | | Computer Science – Unit 3 | | |
| Start date | | 22/11/17 | | |
| End date | | - | | |

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| **Session 1** | |
| Date | 22/11/17 |
| Length of session | 40 mins |
| Progress made in this session | Started **Scope of the Problem**, by writing the purpose & objectives of the project. |
| Problems encountered with the project | N/A |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | Finish **Scope of the Problem**, by writing the data required, outputs required and processing. |
| Project plan status (on time, ahead of time, behind time) | On time. |
| Action plan to manage time | Work efficiently and fluently and ensure that I stay focused when working. |

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| **Session 2** | |
| Date | 23/11/17 |
| Length of session | 40 minutes |
| Progress made in this session | Completed **Scope of the Problem**. I started and completed data required, outputs required and processing. |
| Problems encountered with the project | N/A |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | Begin design process, stating all of the inputs and outputs needed as well as the file system. |
| Project plan status (on time, ahead of time, behind time) | On time. |
| Action plan to manage time | Continue to work efficiently and effectively. |

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| **Session 3** | |
| Date | 27/11/17 |
| Length of session | 40 minutes |
| Progress made in this session | Started design by creating an inputs and outputs table as well as stating some information about the file used for the resources. |
| Problems encountered with the project | N/A |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | Continue with design, by starting data structures and if enough time to state the validation rules. |
| Project plan status (on time, ahead of time, behind time) | On time. |
| Action plan to manage time | Continue as planned. |

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| **Session 4** | |
| Date | 29/11/17 |
| Length of session | 40 minutes. |
| Progress made in this session | Continued with design, by finishing data structures and starting validation rules. |
| Problems encountered with the project | N/A |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | Continue with design, by finishing validation rules and go on to create the input formats table. |
| Project plan status (on time, ahead of time, behind time) | On time. |
| Action plan to manage time | Continue as planned. |
| **Session 5** | |
| Date | 30/11/17 |
| Length of session | 40 minutes |
| Progress made in this session | Finished validation rules and input formats. |
| Problems encountered with the project | N/A |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | Start output formats and begin on form design with the authentication menu design. |
| Project plan status (on time, ahead of time, behind time) | Ahead of time. |
| Action plan to manage time | Continue onto flowcharts next session. |

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| **Session 6** | |
| Date | 05/12/17 |
| Length of session | 40 minutes. |
| Progress made in this session | Finished authentication menu design as well as search, entry and menu design. |
| Problems encountered with the project | N/A |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | Start work on the flowcharts, starting with the authentication one. |
| Project plan status (on time, ahead of time, behind time) | On time. |
| Action plan to manage time | Continue. |

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| **Session 7** | |
| Date | 06/12/17 |
| Length of session | 40 minutes |
| Progress made in this session | Finished authentication flowchart, and began work on the search flowchart. |
| Problems encountered with the project | N/A |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | Continue with flowcharts, working on the search flowchart and entry flowchart. |
| Project plan status (on time, ahead of time, behind time) | On time. |
| Action plan to manage time | Ensure that I know what I’m doing to ensure that I’m not confused during valuable work time. |

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| **Session 8** | |
| Date | 07/12/17 |
| Length of session | 40 minutes |
| Progress made in this session | Finished search and entry flowchart. |
| Problems encountered with the project | N/A |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | Begin work on pseudo code, starting with the authentication method. |
| Project plan status (on time, ahead of time, behind time) | On time |
| Action plan to manage time | Continue with design. |

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| **Session 9** | |
| Date | 14/12/17 |
| Length of session | 40 minutes. |
| Progress made in this session | Completed flowcharts, started psudocode. |
| Problems encountered with the project | N/A |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | Continue with pseudocode. |
| Project plan status (on time, ahead of time, behind time) | Ahead of time. |
| Action plan to manage time | Continue as planned. |

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| **Session 10** | |
| Date | 10/01/2018 |
| Length of session | 40 minutes |
| Progress made in this session | Continued with pseudocode |
| Problems encountered with the project | N/A |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | Continue with pseudocode |
| Project plan status (on time, ahead of time, behind time) | On time |
| Action plan to manage time | Continue as planned. |

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| **Session 11** | |
| Date | 11/01/18 |
| Length of session | 40 minutes. |
| Progress made in this session | Finished pseudocode |
| Problems encountered with the project | N/A |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | Start variable table. |
| Project plan status (on time, ahead of time, behind time) | Ahead of time |
| Action plan to manage time | Continue with work. |

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| **Session 12** | |
| Date | 22/01/2018 |
| Length of session | 40 minutes |
| Progress made in this session | Finished variable table. |
| Problems encountered with the project | N/A |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | Start coding. |
| Project plan status (on time, ahead of time, behind time) | On time |
| Action plan to manage time | Continue as planned. |

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| **Session 13** | |
| Date | 24/01/2018 |
| Length of session | 40 minutes |
| Progress made in this session | Started coding. |
| Problems encountered with the project | N/A |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | Continued coding. |
| Project plan status (on time, ahead of time, behind time) | Behind time |
| Action plan to manage time | Continue with coding. |

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| **Session 14** | |
| Date | 25/01/2018 |
| Length of session | 40 minutes |
| Progress made in this session | Continue with coding. |
| Problems encountered with the project | N/A |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | Continued coding. |
| Project plan status (on time, ahead of time, behind time) | Behind time |
| Action plan to manage time | Continue with coding. |

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| **Session 15** | |
| Date | 30/01/2018 |
| Length of session | 40 minutes |
| Progress made in this session | Continued with coding. |
| Problems encountered with the project | N/A |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | Continue coding. |
| Project plan status (on time, ahead of time, behind time) | On time. |
| Action plan to manage time | Continue with coding. |
| **Session 16** | |
| Date | 31/01/2018 |
| Length of session | 40 minutes |
| Progress made in this session | Worked on calculating function ensuring that the text is correctly calculating the reading age. |
| Problems encountered with the project | The program doesn’t correctly round up the calculated number correctly which is a key aspect of the success criteria. |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | Finish up all work and ensure that the program can add and search for resources correctly. |
| Project plan status (on time, ahead of time, behind time) | On time. |
| Action plan to manage time | Continue with coding. |

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| **Session 17** | |
| Date | 1/02/2018 |
| Length of session | 40 minutes |
| Progress made in this session | Finished coding. |
| Problems encountered with the project | I discovered an issue which doesn’t work as intended as the program believes that there is three sentences inputted when you use an ellipse (…) when there is only the one. This could be an improvement made at a later date as I couldn’t think of a way to fix this problem today. |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | Start testing. |
| Project plan status (on time, ahead of time, behind time) | On time. |
| Action plan to manage time |  |
| **Session 18** | |
| Date | 7/02/2018 |
| Length of session | 40 minutes |
| Progress made in this session | Started evaluation |
| Problems encountered with the project | N/A |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | Continue with evaluation. |
| Project plan status (on time, ahead of time, behind time) | On time. |
| Action plan to manage time | Don’t get distracted. |

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| **Session 19** | |
| Date | 9/02/2018 |
| Length of session | 40 minutes |
| Progress made in this session | Started to fix issues with login. |
| Problems encountered with the project | N/A |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | Finish fixing issues with login. |
| Project plan status (on time, ahead of time, behind time) | On time. |
| Action plan to manage time | Don’t get distracted. |

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| **Session 20** | |
| Date | 9/02/2018 |
| Length of session | 40 minutes |
| Progress made in this session | Finished fixing issues with login. |
| Problems encountered with the project | N/A |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | Continue with evaluation |
| Project plan status (on time, ahead of time, behind time) | On time. |
| Action plan to manage time | Don’t get distracted. |

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| **Session 21** | |
| Date | 14/02/2018 |
| Length of session | 40 minutes |
| Progress made in this session | Started testing. |
| Problems encountered with the project | N/A |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | Continue with testing. |
| Project plan status (on time, ahead of time, behind time) | On time. |
| Action plan to manage time | Don’t get distracted. |

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| **Session 22** | |
| Date | 15/02/2018 |
| Length of session | 40 minutes |
| Progress made in this session | Continued with testing. |
| Problems encountered with the project | N/A |
| Changes made to original designs as a result of the problems | Coel acknowledged that my program wasn’t user friendly, so I worked on improving the layout of the program. I’ve shown the changes that I’ve made in the feedback section of my report. |
| Action plan for next session | Continue with testing. |
| Project plan status (on time, ahead of time, behind time) | On time. |
| Action plan to manage time | Don’t get distracted. |

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| **Session 23** | |
| Date | 19/02/2018 |
| Length of session | 40 minutes |
| Progress made in this session | Continued testing. |
| Problems encountered with the project | N/A |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | Finish testing. |
| Project plan status (on time, ahead of time, behind time) | On time. |
| Action plan to manage time | Don’t get distracted. |

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| **Session 24** | |
| Date | 21/02/2018 |
| Length of session | 40 minutes |
| Progress made in this session | Finished testing. |
| Problems encountered with the project | N/A |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | Start success criteria. |
| Project plan status (on time, ahead of time, behind time) | On time. |
| Action plan to manage time | Don’t get distracted. |

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| **Session 25** | |
| Date | 22/02/2018 |
| Length of session | 40 minutes |
| Progress made in this session | Started success criteria |
| Problems encountered with the project | N/A |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | Continue with success criteria |
| Project plan status (on time, ahead of time, behind time) | On time. |
| Action plan to manage time | Don’t get distracted. |

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| **Session 26** | |
| Date | 23/02/2018 |
| Length of session | 40 minutes |
| Progress made in this session | Continue with success criteria |
| Problems encountered with the project | N/A |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | Finish success criteria. |
| Project plan status (on time, ahead of time, behind time) | On time. |
| Action plan to manage time | Continue to complete the success criteria. |

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| **Session 27** | |
| Date | 26/02/2018 |
| Length of session | 40 minutes |
| Progress made in this session | Finished success criteria |
| Problems encountered with the project | N/A |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | Continue with evaluation |
| Project plan status (on time, ahead of time, behind time) | On time. |
| Action plan to manage time | Stay focused on the work. |

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| **Session 28** | |
| Date | 28/02/2018 |
| Length of session | 40 minutes |
| Progress made in this session | Continued with evaluation |
| Problems encountered with the project | N/A |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | Continue with evaluation |
| Project plan status (on time, ahead of time, behind time) | On time. |
| Action plan to manage time | Continue at the same pace I am currently working at and make sure that time isn’t wasted. |
| **Session 29** | |
| Date | 5/03/2018 |
| Length of session | 40 minutes |
| Progress made in this session | Finished good points and parts to improve on within my evaluation. |
| Problems encountered with the project | N/A |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | Check over all work and finish. |
| Project plan status (on time, ahead of time, behind time) | On time. |
| Action plan to manage time | Don’t get distracted. |

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| **Session 30** | |
| Date | 6/03/2018 |
| Length of session | 40 minutes |
| Progress made in this session | Finished all work and fixed the issue with the ARI. |
| Problems encountered with the project | Issue with the code that if you didn’t enter a sentence it would say the ARI is a negative number. I found a solution for this by doing trial and error to find a solution. |
| Changes made to original designs as a result of the problems | N/A |
| Action plan for next session | N/A |
| Project plan status (on time, ahead of time, behind time) | On time. |
| Action plan to manage time | N/A |