Individual Portfolio Phase 3

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<https://github.com/PeterColburn/Team1>

# Week 1 and 2: 21/02/2022 – 28/02/2022

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| Week 1 and 2 |  |
| Activities Set | Complete the Phase 3 PowerPoint:   * Live Code Demo – Kavell |
| Outcomes of QA activities | Our outcomes provided us with a completed PowerPoint which will be presented in front of the class |
| Results from QA activities | The creation of the PowerPoint went well and was split up enough to give people enough time to talk each.  For my portion of the PowerPoint, I was responsible for the demo of the code. So, I prepared what I wanted to talk about during the seminar which included all the working parts of the code, explaining areas of improvement and showing where the two vulnerability implementations had been done. |
| Evidence of activities | See appendix: |

# Week 3: 7/03/2022

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| Week 3 |  |
| Activities Set | Deliver Phase 3 PowerPoint - Everyone |
| Outcomes of QA activities | Our outcomes were that we presented our presentation and gave a live demo to the Class about our software. |
| Results from QA activities | The live software demo went well, with no hiccups during the code demo. There was a slight hiccup setting up and getting the HDMI cable to work, but it all worked out in the end.  This was the first time we had any issues during the seminar so it taught us how to think on our feet for unexpected events. |
| Evidence of activities | See appendix: |

# Week 4: 14/03/2022

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| Week 4 |  |
| Activities Set | Continuing Coding and Developing – Kavell |
| Outcomes of QA activities |  |
| Results from QA activities | I finalised the code to where we needed it to be for our project so I could pass on the project to Thomas for the user guide and to Peter for final testing. These finalisations included getting the sizing of the buttons in some forms to be consistent with the rest of the forms and implementing our privacy policy into the code. |
| Evidence of activities | See appendix: |

# Week 5: 21/03/2022

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| Week 5 |  |
| Activities Set | Working on data structures assignment. |
| Outcomes of QA activities | NA |
| Results from QA activities | NA |
| Evidence of activities | NA |

# Week 6: 28/03/2022

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| Week 6 |  |
| Activities Set | Working on secure software assignment. |
| Outcomes of QA activities | NA |
| Results from QA activities | NA |
| Evidence of activities | NA |

# Conclusion

This project has taught me a lot of how a good team works together. We have fortunately all worked well together for a mutual goal, and it all went smoothly. Before this project I would have been reluctant to want to work in a team because of bad past experiences, but this team has shown me what its like to work with a team with a similar work ethic to me.

I taught myself how to use Python for this project, which in places was difficult. This is because I chose the hard way to do it by using Tkinter and jumping in headfirst. We were supplied code for something to work on, and I found one which was close to what we wanted to do. I also found other simple code online which had attributes that we wanted. It was easier to modify them to fit what we wanted rather than starting completely from scratch. The hardest part of this project was connecting the database to the code, but eventually I figured it out with a lot of research and trial and error.

Overall, I think our project went very well and I’m happy with the outcome thus far.

In future, I would like to explore different libraries in Python to expand my knowledge and make things easier for myself.

# Appendix

## Week 1 and 2

Graphical user interface

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PowerPoint slide before demo.

Graphical user interface

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Identification and authentication.

A picture containing chart

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A picture containing chart

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## Week 3

Timeline

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Privacy policy

Graphical user interface, application

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Description automatically generated

Before and after of changing sizes to be more consistent.

## Week 4