**CS2S567 Professional Practice and Employability:**

**Team Based Software Development Workshop**

**Portfolio**

Eduard Tenev, 18068235

|  |  |
| --- | --- |
| Team Number | 2 |
| Team Task | Create a PIM System |
| Role and Tasks | Role: Programmer  Documentation  Task:  Researching Tkinter Quality Assurance documentation  Vulnerability Research |

|  |  |  |
| --- | --- | --- |
| Week  1 &2 | Project Setup | |
|  | Team | Own |
| Activities  undertaken | Jessica worked on the portfolio and team tasks | Using the crated GUI mock-up tried to understand how every component will work |
| Outcome of QA activities |  | I did simple user interface using python and tkinter. |
| Activities resulting from QA process |  | Do a further research to understand python and tkinter. |
| Personal QA development |  | |
| Evidence | Appendix 1 | |

|  |  |  |
| --- | --- | --- |
| Week  3 & 4 | Project Setup | |
|  | Team | Own |
| Activities  undertaken | Jessica worked on the portfolio and team tasks | Using the crated GUI mock-up tried to develop different components.  Started the Python course in my programming lab |
| Outcome of QA activities |  | I developed more advanced user interface using python and tkinter |
| Activities resulting from QA process |  | Do a further research to understand python and tkinter.  Continue with my programming lab course |
| Personal QA development |  | |
| Evidence | Appendix 2 | |

|  |  |  |
| --- | --- | --- |
| Week  5 & 6 | Project Setup | |
|  | Team | Own |
| Activities  undertaken | Jessica worked on the portfolio and team tasks | Working on how to develop the required user interface. I have been working on the course in my programming lab chapter 2 and 3 |
| Outcome of QA activities |  | I developed new user interfaces using tkinter and python which will be useful for our project |
| Activities resulting from QA process |  | Do a further research to understand python and tkinter.  Continue with my programming lab course  Prepare slides for the seminar |
| Personal QA development | From doing the research form week 1 to 4 developing different functions in the user interface using tkinter and python I gained new skills and knowledge. | |
| Evidence | Appendix 3 | |

|  |  |  |
| --- | --- | --- |
| Week  7 & 8 | Project Setup | |
|  | Team | Own |
| Activities  undertaken | Ben worked on the portfolio and team tasks | Working on how to develop the required user interface  I have been working on the course in my programming lab chapter 3 and 4  Completed the seminar slides with adding images and voice over the text |
| Outcome of QA activities |  | I developed more advanced user interface using tkinter |
| Activities resulting from QA process |  | Do a further research to understand python and tkinter.  Continue with my programming lab course  Finish and upload the seminar slides. |
| Personal QA development |  | |
| Evidence | Appendix 4 | |

|  |  |  |
| --- | --- | --- |
| Week  9 & 10 | Project Setup | |
|  | Team | Own |
| Activities  undertaken | Ben worked on the portfolio and team tasks | Working on how to develop the required user interface.  I have been working on the course in my programming lab chapter 4 and 5 |
| Outcome of QA activities |  | I developed more advanced user interface using tkinter and python. |
| Activities resulting from QA process |  | Do a further research to understand python and tkinter.  Continue with my programming lab course |
| Personal QA development | From doing the research form week 5 to 8 and developing different functions in the user interface using tkinter and python I gained new skills and knowledge in this area. Also doing the research of the quality assurance document I understand how this document needs to be organised. | |
| Evidence | Appendix 5 | |

|  |  |  |
| --- | --- | --- |
| Week  11 & 12 | Project Setup | |
|  | Team | Own |
| Activities  undertaken | I have been the team leader the period from week 9 until week 12 on the team portfolio. All evidence and tasks can be found there. | During weeks 11 and 12 I worked on dividing the work for my team. After choosing the topic for our seminar I started to research about my topic (python) |
| Outcome of QA activities |  | I developed my main points for the power point slideshow and prepared the information used in my voice over in word document |
| Activities resulting from QA process |  |  |
| Personal QA development | I gained team working experience when gathering everyone’s work, combining them together, and sending them off within a deadline. | |
| Evidence | Appendix 6 | |

|  |  |  |
| --- | --- | --- |
| Week  13 & 14 | Project Setup | |
|  | Team | Own |
| Activities  undertaken | I have been the team leader the period from week 9 until week 12 on the team portfolio. All evidence and tasks can be found there. | During those weeks I had to get the slides from every team member and complete the seminar slides. |
| Outcome of QA activities |  | I emailed the final seminar slideshow to Shaily, ensuring it was sent on time |
| Activities resulting from QA process |  | Once I had all slides, I had to choose a specific background theme and double check the voice over if is inserted correctly |
| Personal QA development | My time as team leader has given me experience in leading a team and allocating tasks evenly between members of the team. I feel like we worked well while I was team leader and we progressed well. | |
| Evidence | Appendix 7 | |

|  |  |  |
| --- | --- | --- |
| Week  15 & 16 | Project Setup | |
|  | Team | Own |
| Activities  undertaken | Harry worked on the portfolio and team tasks | During these weeks I have been given a task to research software vulnerabilities and make a document about my research which will be uploaded in my git hub folder. |
| Outcome of QA activities |  | I started with the research about Python as programming language |
| Activities resulting from QA process |  | Do a further research on software vulnerabilities. |
| Personal QA development | Researching the web and some books online about software vulnerabilities and how we can protect our system I gained a new knowledge’s. | |
| Evidence |  | |

|  |  |  |
| --- | --- | --- |
| Week  17 & 18 | Project Setup | |
|  | Team | Own |
| Activities  undertaken | Harry worked on the portfolio and team tasks | I worked on completing the document about software vulnerabilities using the information gained in the previous two weeks.  Check the demo version of the prototype with the team and suggest any changes if needed |
| Outcome of QA activities |  | My document about software vulnerabilities is completed and uploaded in the folder with my name |
| Activities resulting from QA process |  |  |
| Personal QA development | Continuing my research about vulnerabilities I learned new interesting information which I shared with my team so we had the opportunity to check if our prototype will be vulnerable to any of the attacks. | | |
| Evidence | Appendix 8 | | |

**Evidence:**

Appendix 1:

GUI – window with one button

Graphical user interface, text

Description automatically generated

Window with labels and text

Graphical user interface, application

Description automatically generated

Appendix 2:

GUI – performing calculation when user enter data and press the button

Graphical user interface, application

Description automatically generated

My programming lab Chapter 1:

Table

Description automatically generated

Appendix 3:

My programming lab chapter 2 and 3:

A picture containing timeline

Description automatically generated

GUI – crating menu bar

Graphical user interface, text, application

Description automatically generated

Appendix 4:

My programming lab chapter 3 and 4:

Timeline

Description automatically generated

GUI – Admin login page with login validation and menu bar options

Graphical user interface

Description automatically generated

Appendix 5:

My programming lab chapter 4 and 5:

A picture containing text

Description automatically generated

Appendix 6:

Text

Description automatically generated

Graphical user interface, application

Description automatically generated

Appendix 7:

A screenshot of a video game

Description automatically generated

Graphical user interface, text

Description automatically generated

Appendix 8:

Graphical user interface, application, Teams

Description automatically generated