**Testing**

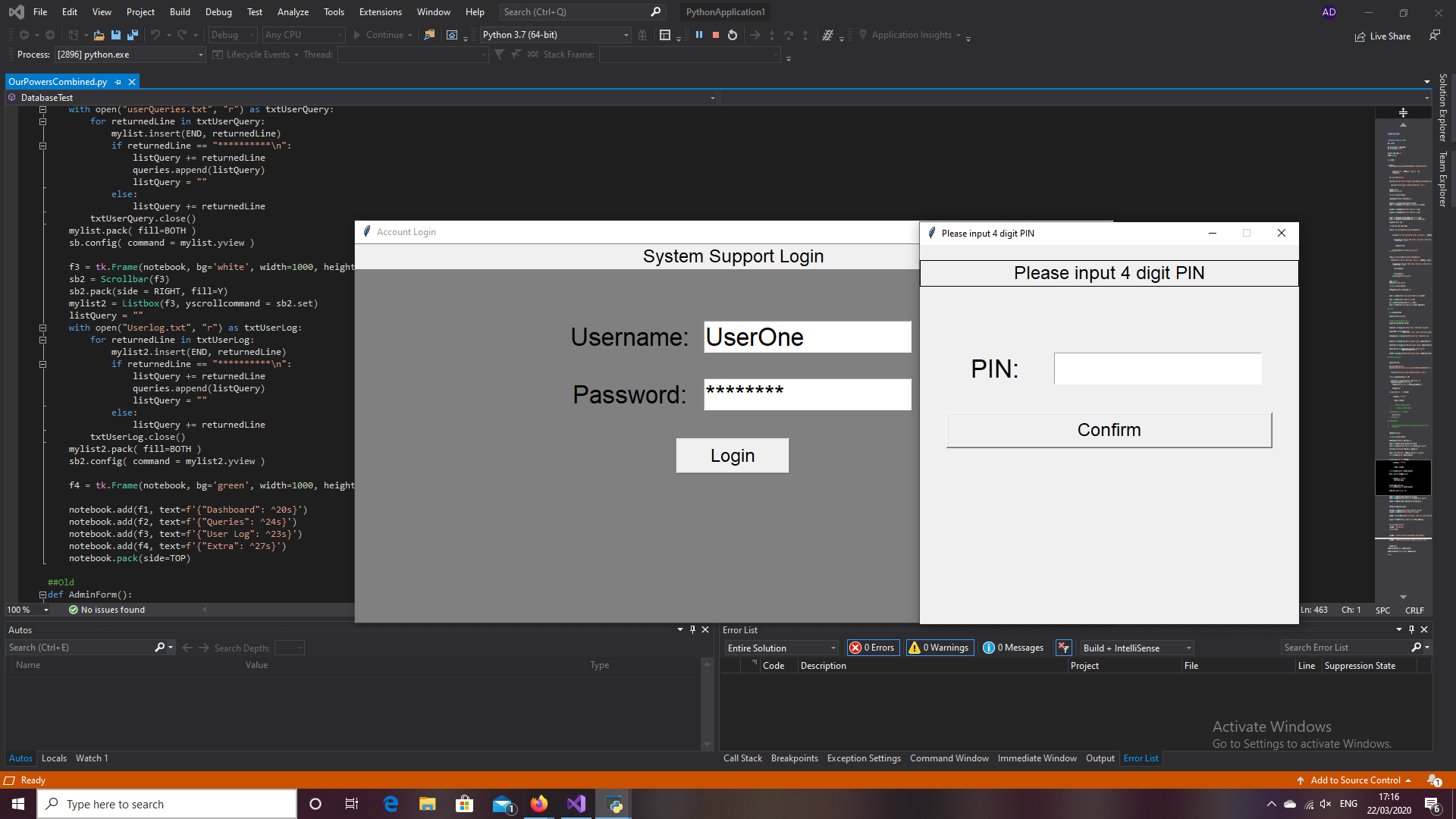
Here’s our test login details that we will using (initially in the database as our GUI does not allow the adding of new user, yet.):

|  |
| --- |
| Username = UserOne, Password = password, PIN = 1234, Admin user |
| Username = UserTwo, Password = passwordTwo, PIN = 987, Regular user |

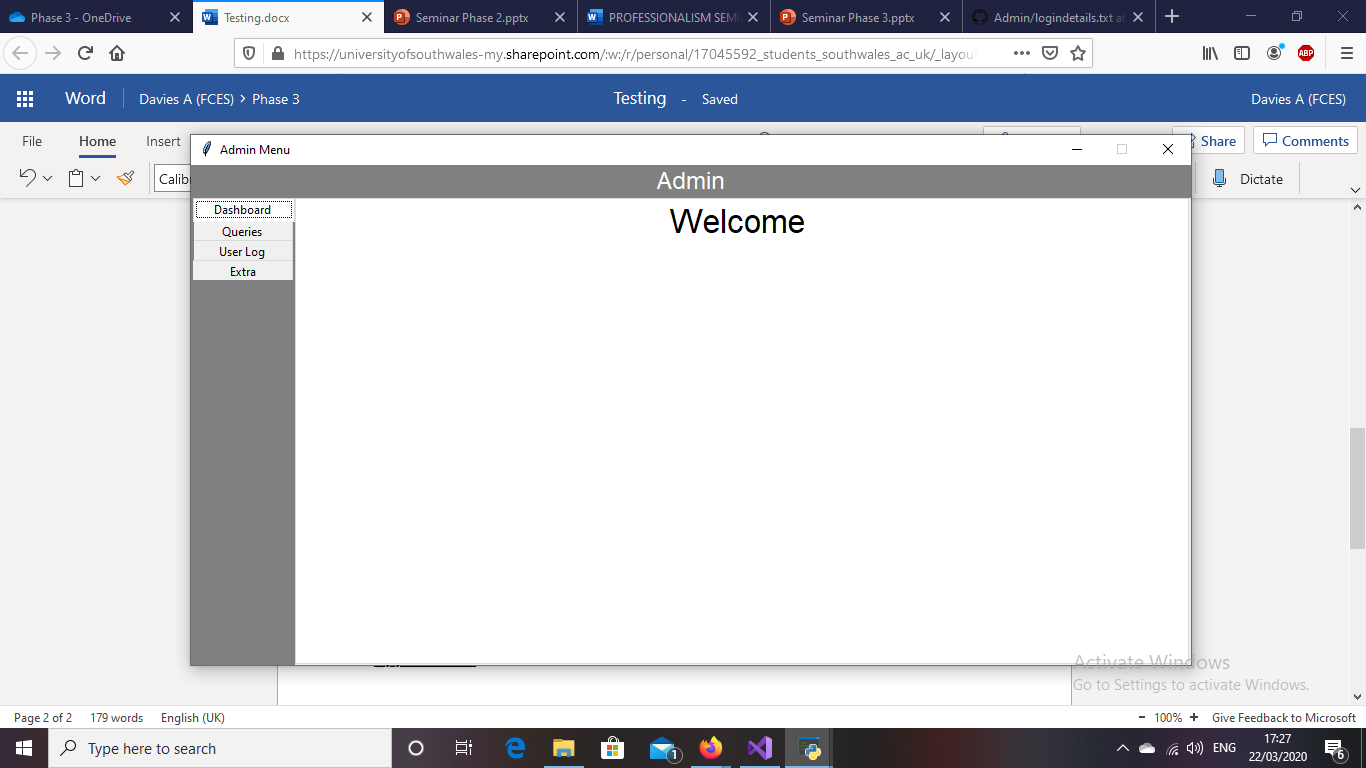
|  |  |  |  |
| --- | --- | --- | --- |
| Test Description | Expected Result | Test Result | Evidence |
| Logging In using the Admin user details. | Since this test involves a new database hence it should prompt for the user to input the 4-digit PIN because the user doesn’t have the current device registered to it. | As expected, the GUI prompts the user to input the PIN. | Appendix 1 |
| Input correct PIN and check login activity in the admin menu. | After inputting the correct PIN, it should proceed to the Admin menu and upon checking the login activity, there should be an entry of this account logging in. | As expected, the GUI proceeds to the Admin menu and when checking the logging activity, there is an entry of this account logging in. | Appendix 2.1  Appendix 2.2 |
| Login again using the Admin details. | It should automatically proceed to the admin menu and shouldn’t prompt for a PIN. | As expected, the GUI proceeds to the Admin menu and without prompting the user to input a PIN. | None |
| Logging In using the Regular user details. | It should prompt for the user to input the 4-digit PIN because the user doesn’t have the current device registered to it but after that it should proceed to a menu to submit a query instead of the Admin menu. | As expected, the GUI first prompts to input the PIN and after that, it proceeds to the query menu. | Appendix 3.1  Appendix 3.2 |
| Submit a query as a regular user. | After filling in the text box with a message and pressing the ‘Submit’ button, the system should save the query. | The system outputs a message box with the submitted message, but the next test will actually see whether it is saved as intended. | Appendix 4.1 |
| View the query submitted from the previous test as an admin user. | The message from the previous test should be present. | As expected, the message that was submitted from the previous test is there as it was submitted. | Appendix 5.1 |

**Appendix**

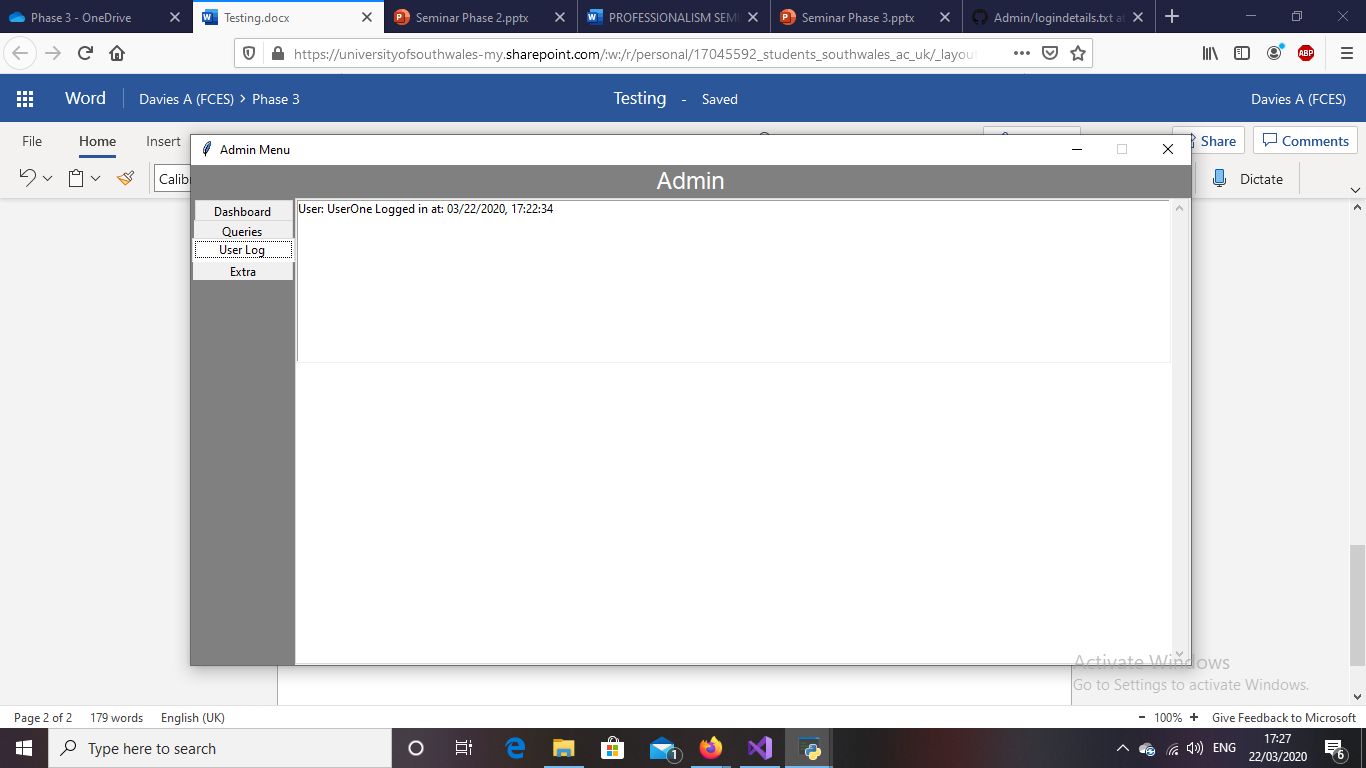
**Appendix 1**



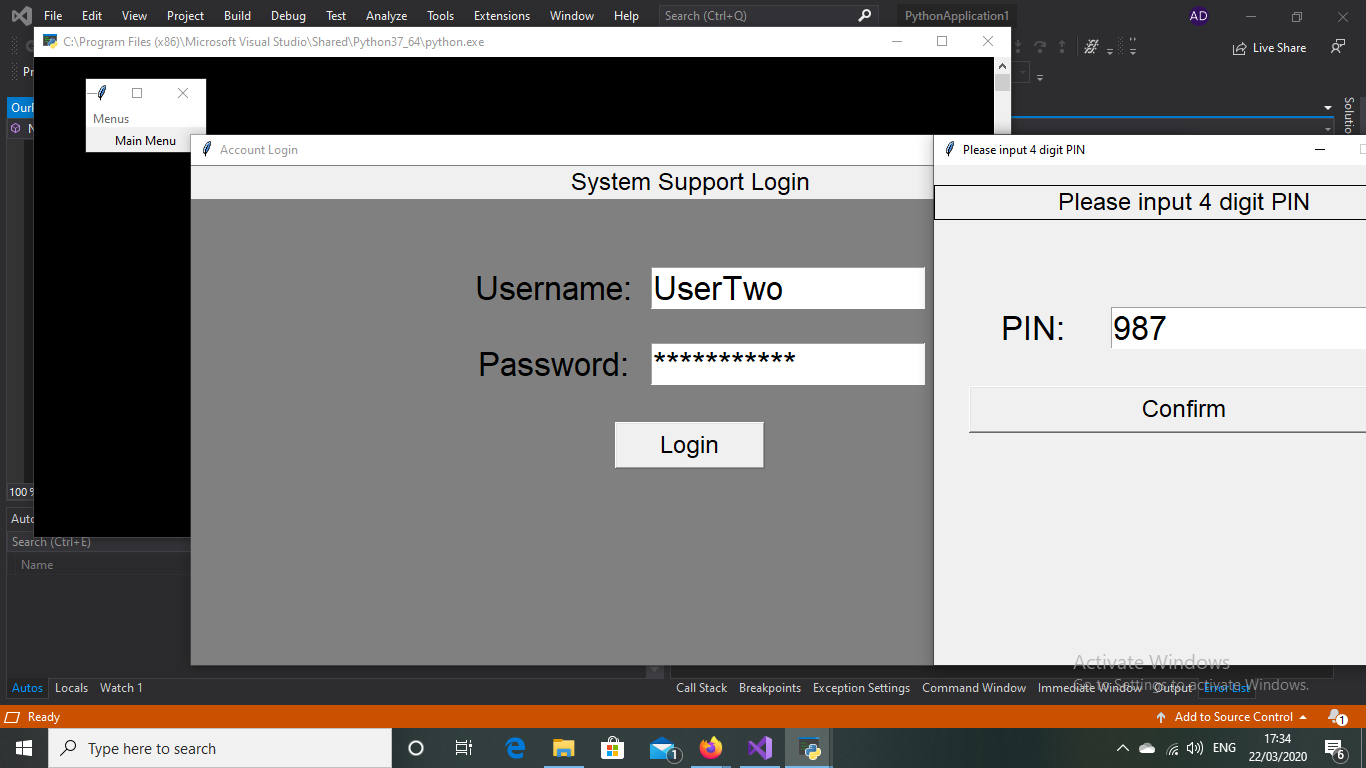
**Appendix 2.1**

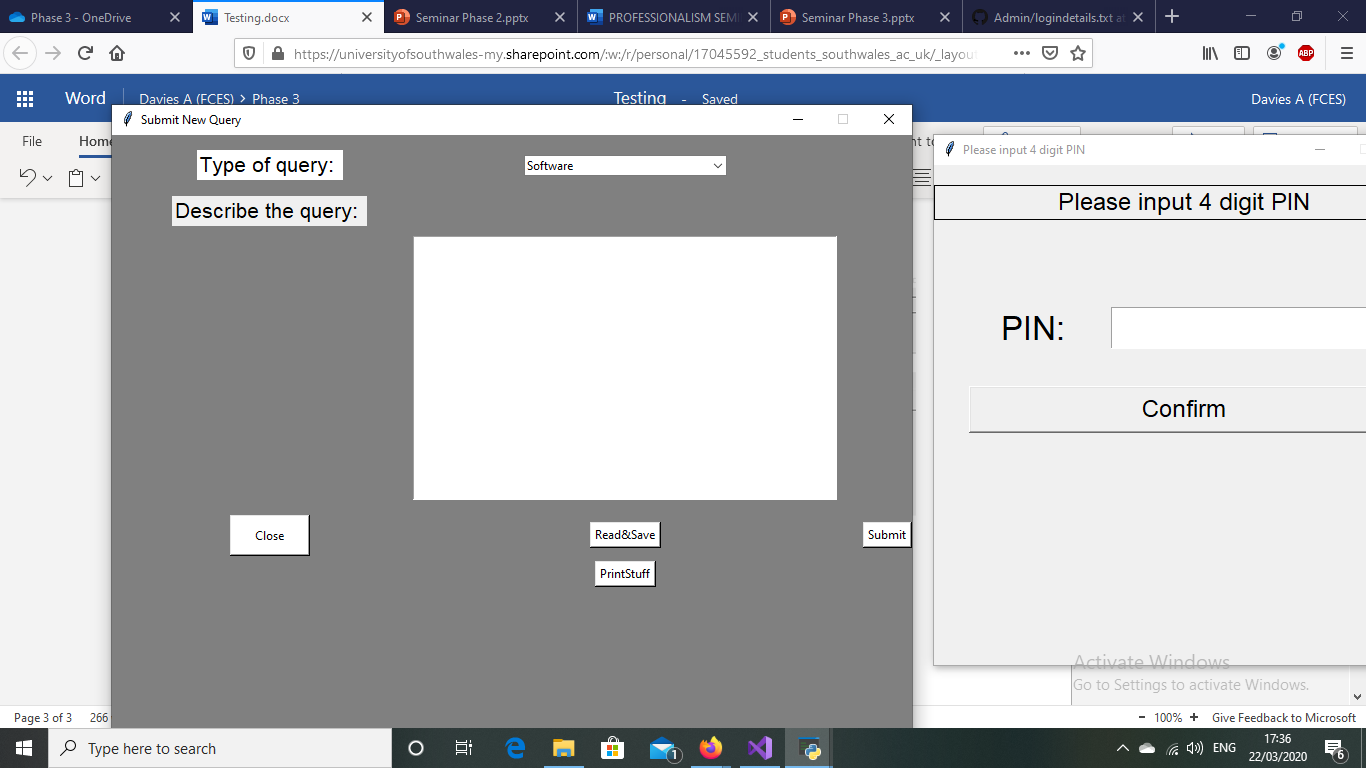


**Appendix 2.2**

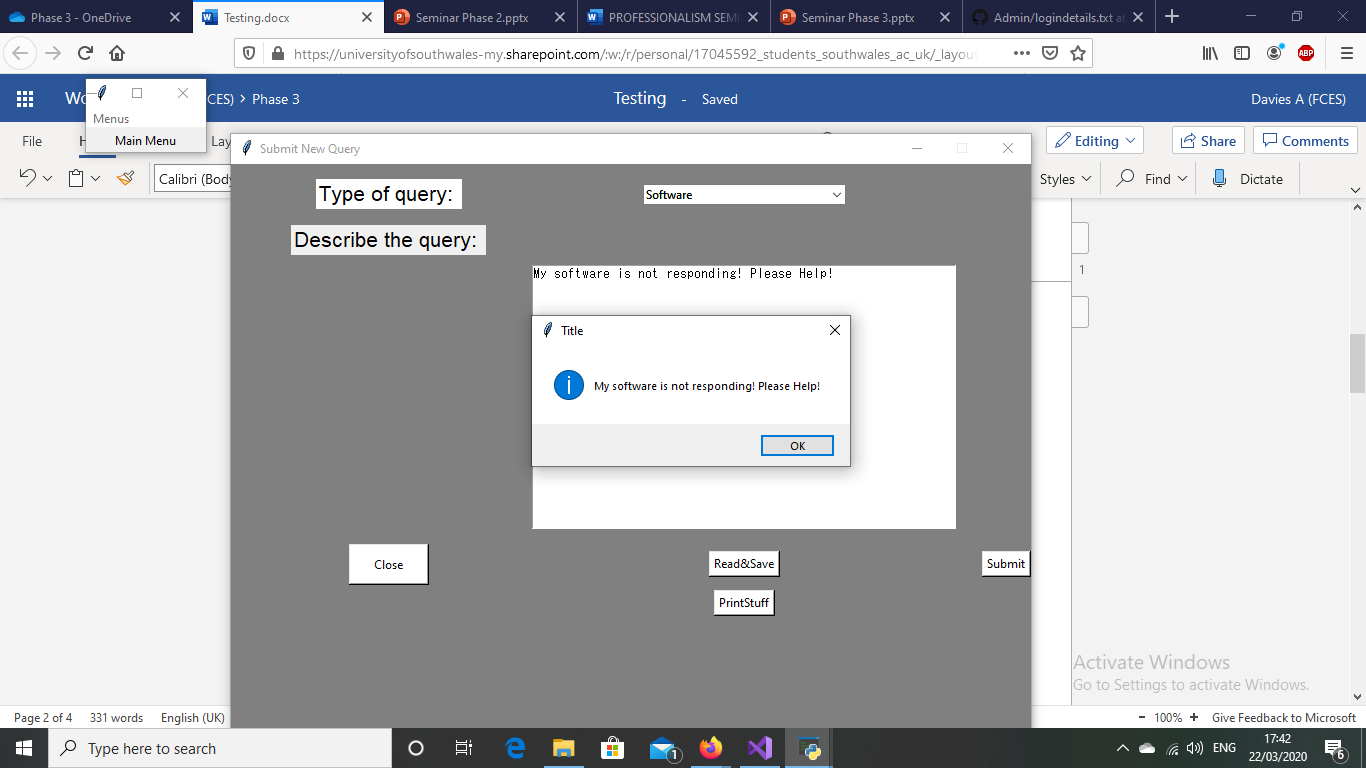


**Appendix 3.1**

**Appendix 3.2**



**Appendix 4.1**



**Appendix 5.1**

