## BSc Project 2023/24

## 6200COMP

## Feedback Form

1. **Student Details**

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| **Name** | Akin Okiji |
| **Number** | 913432 |
| **Programme** | Computer Security |
| **Project Title** | Behavioural Biometrics for Continuous User Authentication |
| **Supervisor** | Nathan Shone |

1. **Mark**

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| **Report** | 89% |
| **Presentation** | 70% |
| **Final Agreed Mark** | 87% |

1. **Feedback**

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| Overall, a very good project that has focused on addressing a current security concern using an emerging strand of security technology. The quality of the work undertaken is high and it is pleasing that you have tackled such a challenging research project. It is to your credit that you have acquired the skills and knowledge required, during the project.  The presented background and literature review are both concisely written and cover a wide breadth of related topics. The shortcomings of existing approaches are clearly outlined to support the need for your project. The tabular summary of the technical specifics for existing works is a nice feature.  From the findings of the literature review, a clear set of prioritised research problems have been outlined and a suitable set of requirements to address these have been proposed. It is good to see that you have acknowledged the ethical issues of this approach and attempted to integrate these concerns into your approach.  The design is thorough in outlining requirements for the developed keystroke tool, measurement metrics and the baseline ML model. It is highly commendable that you have attempted to build your own dataset using the developed tool.  A thorough description of the implementation is provided for all aspects of the proof of concept continuous authentication mechanism developed.  The evaluation covers both a statistical analysis of the dataset constructed and the classification results of the developed model. It is clear from the classification results obtained that there is an issue with the data butt this has been ackowledged and is a limitation of the short timeframe for the project.  Sensible conclusions have been drawn from the project results and realistic future research avenues have been proposed.  The report is both well-written and well-presented. References are used effectively throughout the dissertation. |