

SYSC4907 Sensor Based Access Control Project Update

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1 Abstract

This report outlines the work that has been done so far on the Sensor Based Access Control System (SBACS). There are three main components to the system: the hardware and software that manages the lock units, the server which stores information about the system, and the software that handles user interactions with the server and lock units.

At this time, most of the work on the lock unit technology as well as the server has been completed. The majority of the remaining work to be done is on the access points, in particular, a web application to run administrative or user tasks has only been planned.

Aside from this missing element, we are mostly on track compared to our schedule from our initial proposal. We are in the middle of preliminary integration testing, and intend to have the system fully functional by the end of December. From there, we can work on refining the design of the system, testing the system, and handling the other course requirements like the final report.

2 Hardware

3 Server

4 Access Points

5 Conclusion