

# COMP39/9900 Computer Science/IT Capstone Project

## School of Computer Science and Engineering, UNSW

**Project Number:** P33

**Project Title:** Electronic consent form

**Project Clients:** Katariina Pakarinen

**Project Specializations:** Computer hardware and networks; Software development ;Mobile application development; Cloud computing; Security/Cyber Security

**Number of groups:** 2

### **Background:**

All new patients at the UNSW Optometry Clinic are required to sign a consent form when attending their initial appointment. In this form the patients are consenting/or not consenting to the following things 1) Consent to use de-identified data in research 2) Consent to be contacted to participate in research 3) Consent to be seen/tested by an optometry student.

At the moment, the patients complete and sign a consent that it is in a paper form, that reception scans, emails and attaches to the patient record in our patient management system SUNIX. This process is too manual and time consuming and we would like to streamline this. Our idea is for the patients to complete the consent form using an ipad, and we are hoping to export the consent form directly to their patient record or at least to the clinic inbox or a specific drive where the document can be further attached to their patient file.

The data is highly sensitive (patient data) and cyber security and legal may need to be included in this project.

**Requirements and Scope:** To be added once supplied by the client also can be discussed/clarified with the client in the first meeting.

**Required Knowledge and skills:** To be added once supplied by the client also can be discussed/clarified with the client in the first meeting.

**Expected outcomes/deliverables:** To be added once supplied by the client also can be discussed/clarified with the client in the first meeting.

### **Supervision:**

Katariina Pakarinen

### **Additional resources:**