**Inspection App**

**Introduction**

As a lifting equipment inspector, I would have to carry out inspections on equipment using a checklist and procedure, then, would have to create a certificate or report based on the outcome of the inspection. The most common problem from clients was, when could I get the certificate. The system that was in place was to go back to the office and type up the certificate. This could cause delays. As a solution to this I decided to create an app that would speed this process up and simplify this process.

As this is the first project I have done, I decided that the first coding language I would learn would be Apple’s Swift 2.0. This decision was simply because it allowed me to develop software with the devices (as stated below) that I had at the time.

**My Involvement**

With the exception of final certificate/report formats which I received help from my colleagues with to ensure they meet the required regulations, all the apps design ideas, functional ideas and coding has been carried out by myself.

**Software and Hardware**

Hardware

* iPad Air
* Macbook 13’
* iMac 21.5’

Software

* Adobe Photoshop
* Xcode

**The Design**