

School of Electronics And Computer Science

ELEC6050 MEng Group Design Project

Project Specification And Plan

Title:

Aeronautical Event Service

Supervisor:

R J Walters

Team Members:

Peter Prince

James Robinson

Charles Sherman

Andrew Sullivan

Customer:

Snowflake Software

Project Specification:

The goal of this project is to demonstrate the feasibility of using publish-subscribe to allow pilots to receive digital NOTAMS that are relevant to their flights.

We will be developing a middleware system that collects baseline data every 28 days and NOTAMS every 15 minutes, and sends relevant push notifications to interested parties.

We are adopting the SCRUM methodology with 5 sprints of 2 weeks each, beginning on the 6th of October, and culminating with a one-week sprint during week 10. We aim to be code complete by the end of December. As we are following an agile methodology, we will have a flexible schedule.