

Senior Design Bi-Weekly Status Report; Fall 2020

Team Name: sdmay21-13

Team Members: Daniel Shaw, Tyler Hutchinson, Ryan Ingram, Suraj Karn

Report Period: Sept 14-Sept 27

Summary of Progress in this Period

Our team met and discussed software development practices and agreed to use a scrum based framework for the project from now on. We created a trello board for tracking bi-weekly sprints and to focus on client needs.

We also worked on our first draft of our Design Document, which describes the purpose of our project and our plan at the moment.

We've also begun meeting with ETG to set up a work environment using a remote-access computer, so all members can have access to a single working environment rather than using different ways to run Ubuntu.

Pending Issues

Getting acquainted with 5G wireless systems and programs by reading the provided book on 5G/LTE and learning how to use NPS (New Paparazzi Simulator).

Getting OAI (Open Air Interface) to run independently and getting familiar with NPS and JSBsim programs on Ubuntu 16.04.

Keep narrowing down project deadlines and assigning tasks to team members.

Plans for Upcoming Reporting Period

Be able to run OAI, NPS, and JSBsim simulations each independently.

Start learning and understanding real-time wireless networking algorithms.

Finish getting the remote-access computer set up.
