Overview

**Digital Sky provisional tool** – INSTALLATION was carried out along with all of its dependencies.

This tool is used to check if the RPAS complies with the NPNT provisional testing.

This app limits itself to checking these parameters:

* Incorrect geofence check
* Incorrect time limits check
* Bad Pilot PIN check
* Spurious permission artefact check
* Valid Permission artefact check

WEEK1 – NPNT provisional tool

We installed the NPNT provisional tool and successfully ran it.

It took us some time to get the hang of things because there were a lot of dependencies and packages that were required. After completing it, we called for a meeting where we discussed our plan for the following week. Mr.Jawad had asked us to sign it and automate the process of testing. Currently, the test cases have to be manually entered by the pilot but we have no provisions to cross check the authenticity.

WEEK 2

We spent the maximum time reading and understanding the files. There were a total of 38 files so we split it into 12-13 each and went about it.

WEEK 3

Currently discussing about the algorithm to automate the verification process.

The github link that we are referring. This has all the files that we are currently using.

<https://github.com/iSPIRT/NPNT-Provisional-testing-tool>