**Remote Sensing Of Tobacco Fields: Detection of Tobacco Fields and Area in Malawi and Mozambique**

This document is a written record of significant activities, events or processes that occur during the life of this projects. It oulines my daily activities on the project for the 8 weeks residency in Kigali.

**Week 1 residency**

Thursday 23/09/2021:Arrived in Kigali and was given the laptop and started setting up the laptop.

Friday 23/09/2021: Setting up of laptop, installation of packages necessary for the completion of the project.

**Week 2 residency**

Monday 27/09/2021: Created Geojson file and downloaded the data.

Problem faced: Most of the api product id were not online, we had to test the id one by one to get one id that is working.

Tuesday 28/09/2021: Working on reading and visualizing the data.

Wednesday 29/09/2021: We visualised the different bands present in our data.

Thursday 30/09/2021: computed and plotted the NDVI for the data downloaded.

Friday 01/10/2021: Started integrating my python code into functions.

**Week 3 residency**

Monday 04/10/2021: working on python function and building a pipeline.

For the rest of the week, we will focus on the pipeline and how to analyse NDVI trend