Minutes of the SSCM meeting held on 17th January 2022 at 3pm

Members present

Jacob Okomo – project advisor

Anita Caroline – project lead

Evalyne Nyawira – GEGIS Team

Raphael Migwi – ICT team

Michael Njoroge – ICT Team

Members absent

Timothy Macheche – GEGIS Team

Min 01/01/2022: Pleriminaries

The meeting was called to order by the project advisor at around 3:30pm.

Min 02/01/2022: project requirements by the end of January.

It was agreed that the UX/UI diagrams would be developed by the ICT team by Friday, 21st January 2022. The following is to be achieved before the mid term evaluation on 28th January 2022: Anita Carolyne, Timothy Macheche and Evalyne Nyawira should be able to confirm GEE Scripts, access GEE images(L8, S2 and S1 collections) and at least download an image. They should also have gone through the various classifiers and settle on the best for the project. It was concluded that a good understanding of the classifiers in key from the onset. The timelines of the project should as well have been revised.

Min 03/01/2022: nature of the application

It was decided that the application would include a web application with added functionalities for both experts and farmers, and an easy-to-use mobile application with simplified functionalities for farmers. The application would be a platform that enables merging the functionalities of different platforms, such as [USGS Earth Explorer](https://earthexplorer.usgs.gov/), [Earth Observation Platform](https://crop-monitoring.eos.com/) , [Copernicus Open Access Hub](https://scihub.copernicus.eu/), and the requirements listed in the ToR Document. The above listed platforms are to serve as inspirations for building our own application, among others.

Min 04/01/2022: delegation of roles

It was suggested that roles would be divided amongst the project members, in line with the project objectives, in order to improve efficiency and accountability. The following roles were revised:

The specific objectives of this project include:

1. Finding a suitable crop type classifier with an appropriate AI/ML algorithm. – Anita Carolyne, Evalyne & Macheche Timothy.
2. Provide an application that satisfies the project deliverables such as estimate crop area, crop yield and monitor crop health. – Anita Carolyne, Evalyne and Macheche Timothy
3. Developing a UI – Michael & Raphael
4. Ensuring app capability to access satellite imagery: Anita, Ealyne & Macheche
5. Food security prediction: Anita
6. System documentation – Evalyne Nyawira
7. Mobile and web application review: Michael and Raphael
8. Finding suitable word document templates and standard presentation templates: Evalyne

Min 05/01/2022: AOB

It was agreed that there will be two weekly meetings for monitoring project progression as follows:

Mondays 11:00AM to 12:00 noon

Saturdays 10:30 AM to 11:00AM

Questionnaire filling by the farmers was to be included in the project recommendations. All the project participants were to update completed tasks on the Kanban flow platform.