**Kick Off Meeting**

**Instructions:**

Make a flight plan on a zone according to:

* Altitude
* Camera parameters
* Precision
* Stitching
* Number of drones

2 options: With router OR Without router

**Divisions made:**

* Interface
* Operation
* Stitching
* Link with the drone
* Safety

**Operation:**

* Define an area
* Do the input of the required parameters (make default values)
  + Altitude
  + Camera parameters (Resolution, focal length, size of an image on the ground)
  + Overlap (Front overlap and Side overlap)
  + Speed of the drone during operation
  + => Something to Save theses parameters
* Calculations and algorithms (make the path of the drone with all the waypoint where we need to take pictures)
* Outputs (nb of images, time of flights)
* RTL (when the mission is over, or if a problem happened)

**Link to the drone:**

* Command
* All the automation
* Send flight plan and Data
* Send the pictures

**Safety:**

* The area defined < Geofence

**Questions raised up:**

How to send the pictures?

* Directly? (Photo by photo)
* After all the mission? (By downloading it)

***11/01/2023:***

Division possible:

* Person A: Stitching
* Person B: Take the picture (be aware of the overlap)
* Person C: Do the flight plan (Draw the rectangle and the map and defining the line to follow for the drone) = Output only the flight plan

Flight Plan: Draw the rectangle on view and use it in python. Python should generate a flight plan.