Meeting 01-02-2021

**Summery by:**

Daniel Tøttrup

**Time and place:**

01-02-2021 – Air Lab in Skejby (Physical)

**Participants:**

Daniel Tøttrup

Stinus Lykke Skovgaard

Rui Pimentel de Figueiredo

Jonas Le Fevre

**Agenda:**

* Meet and greet
* First meeting – guide in how to start the project
* Get details about the project

**Summery:**

* Start writing the report from the beginning.
* U net/ V-net architecture
* Normal convolutional network
* March card
* Find state of the art image-segmentation algorithms and architecture. How are they state of the art, what are they’re pros, what are they’re cons.
  + Write about them
  + Understand them
  + Write about them
  + Implement them
* Data sets?
  + Jonas will go home and find a dataset for us
  + We need a virtual environment
* Next best view
  + Second part of the project
  + Control theory
  + Use the dataset from Rui’s project
* Install Airsim (on ubuntu) – follow guide on homepage 100GB
* Install unreal engine 24
* Update GANT chart on the go

**Weekly meeting**

* Send the new part of the report every week (so they can follow process)
* On skype
* Jonas has a template for LaTeX
* Weekly meeting in the beginning probably only gonna be with Jonas
* Monday at 11

**Things to do today**

* Make a repo (Invite Jonas and Rui)
* Install all the things Ros Unreal engine and AirSim
* Tensor/PyTorch in python
* Setup everything.
* <https://www.youtube.com/playlist?list=PL21_9HoumNidvcorn7rx6mxzR3wO1yswH>

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