

Interim follow-up form bachelor project 2021-2022

Bachelorproject: Digitale EME communicatie

Company: Thomas More – De Nayer

Student: Tim Jäger

Promotor: Pedro Wyna

Company promotor: Nick Steen

Studies: Electronics and ICT: Embedded Hardware and Software (English track)

Internship week: 1

**Realized last week:**

Last week consisted of about two working days. During this time, I looked up the systems that I will be using and controlling, and the ways in which they will be implemented in practice.

After doing some research, I made a small sketch of my priorities. This includes research, prototype testing, designing a PCB, ordering the PCB, etc.

I also contacted a geoscientist at the Mt Stromlo astronomy observatory, looking for methods of tracking the moon. This is important for the features that the microcontroller I choose must have, which will also influence all the other components I will use. So far I have not received a reply, but that is to be expected given the short time frame.

Goals for next week:

In the coming week, I want to finish my preliminary research on the subject and start working on the individual components. One of my first priorities will be to create a basic motor control schematic. Once this is done, I will proceed to simulate the schematic, add all the safety nets, and once I have the necessary components, I will also test it. I do not expect to finish everything this week, but I will get a better idea of how long I need for each component. Based on that, I will make a further schedule.

Remarks company promotor:**Remarks school promotor:**