Interim follow-up form bachelor project 2021-2022

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**Bachelorproject: Digitale EME communicatie**

**Company: Thomas More – De Nayer**

**Student: Tim Jäger**

**Promotor: Pedro Wyns**

**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:**