

# Tri-weekly Meeting Report

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## 1 Meeting overview

During this meeting, introductions were made and we dove right into the project description. The information given on the 3D-model and the previous work done by the Otto-von-Guericke-Universität Magdeburg was decided to be the building block of the bachelor project. All previous work which is related to this design report is going to be attached to the project administration folder.

During the meeting, a few things were concluded. The bureaucratic part of the project would be reduced as much as possible, and we would focus first and foremost on receiving the theoretical background for getting started with the design phase.

A discussion on the 3D-model was made, requiring us to make a choice between two of the prototypes which were designed by the aforementioned report. Both of these models were not presented in detail, so the decision was postponed to a later meeting.

Lastly, a more detailed summary of the project was discussed, where we were informed of the project's requirements. They are listed in the next section.

### 1.1 Conclusions from the meeting

- Introductions were made
- We will work towards reducing the paperwork required to work with the project.
- The theoretical background will be prioritized in the initial phase of the project.
- The 3D-model to be used will be defined at a later date.
- The project's requirements in relation to the group are as follows:
  - Estimation theory and Kalman filter design is essential.
  - Having experience with 3D-modeling and 3D-printing.

- Programming experience is essential.
- Systems theory and modelling is an important part of this project.