

**Battery powered
wheelbarrow
„Wheelie 3000“**

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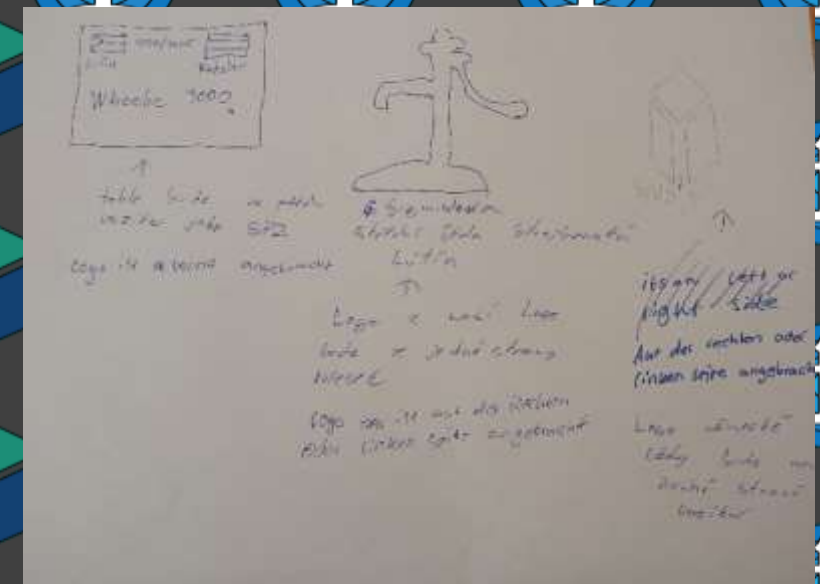
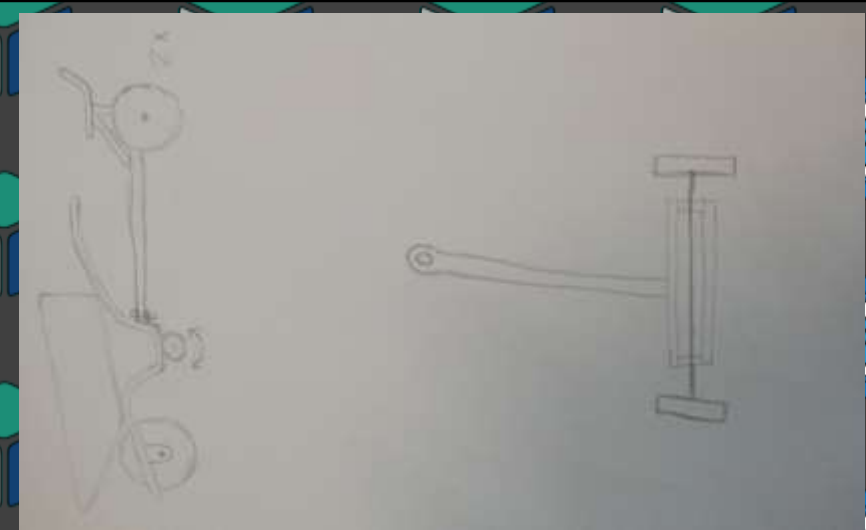


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Project goal

The goal of this project is the improvement of an already existing prototype through addage of a mobile part, which will vastly improve handling and comfort in manipulation.

As the first step, we had to sketch out how our final product could possibly look. These are examples of some preliminary drawings.



Drafts

**Jannis von
Piechowski**



Simon Rödiger



Jan Ševčík



Pavla Baleková



Organization

This team has probably the most important task: Coordination of all other teams in order for our work to be as efficient as possible.



Organization

Leon Bergmann **Noah Schomburg**

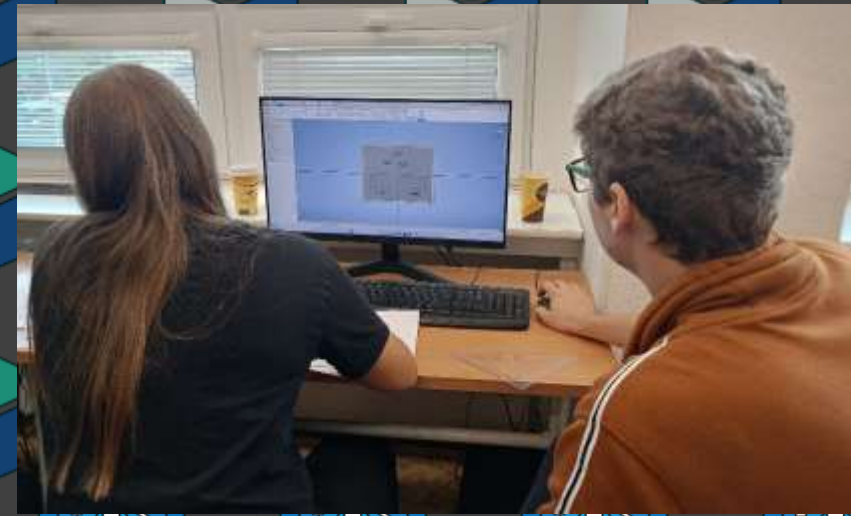
Daniel Weidinger

Adéla Zlámalová



CAD

The CAD team is tasked with creating models and technical drawings of all parts required to construct the wheelbarrow.



CAD

Václav Zengler



Štěpán Šolc



Jan Felix
Balzer



Workshop

Responsible for the preparation of all required parts and their subsequent attachment to the frame. That is the Workshop team.



Workshop

**Jan Felix
Balzer**



Dominik Michele



Dominik Vacek



Vincent Gürsch



CNC

CNC team's assignment is the creation of programs of plates with logos of our schools which are mounted to the wheelbarrow.



CNC



Kryštof Šopek

Fabian Bierwirt

Daniel Šišma Kamil Nezval

Ondřej Pospíšil



Documentation

**Our documentarists
collect photos and
videos which are then
used in daily reports
and the final
presentations.**



Documentation

**We spent our Tuesday
in the beautiful city of
Olomouc, where we
learned many amazing
facts that not even
some locals know.**



Other activities

**On Thursday the
german students
learned about
innovation in Machining
in the Edwards firm
here in Lután.**



Other activities

The Germans left for a three day trip to Prague on Friday. Their sightseeing tour ended with a night walk to the Prague castle.



Other activities

Saturday began with a hike to the Petřín Tower. They enjoyed the view over Prague and a museum of wax sculptures.



Other activities

The last day of the Prague trip was Sunday. The students saw the Municipal House and heard an interesting speech.



Other activities

On Monday we visited a local brewery in Náměšť' na Hané called Jardníček. We enjoyed some of the local specialities.



Other activities

On Tuesday the german students enjoyed a tour around the Old-timer museum in Slatinice where they saw historical vehicles.



Other activities



Final product

Resources

Text:

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Kryštof Šopek

Leon Bergmann

Photos:

Daniel Šišma

Fabian Bierwirt