Groep T
LEUVEN ENGINEERING COLLEGE

Cooperation contract

Sam Jansen
Alexander Meynen
Tinus Michiels
Jeroen van Aert
Jef Van Den Bergh
Bob Verschueren

2e Bac Group 3 team 4

15 February 2013

1. Name and logo

Name: Apollo
Logo:

2. Communication

Each Tuesday we will meet at 1 pm at the atrium of Group T. In this meeting we divide all the tasks that need to be done for a specific deadline. Also we discuss the work of all the team members and correct where necessary. If someone has problems with his task, other team members will help and eventually change the plan.

After every meeting someone will make a report. In these reports the division of the tasks is given. Also all the absences will be noted. If someone is absent with a good reason, he needs to tell the team leader that he will miss a meeting. He also needs to send all his work that he has done that week to the team leader at least a day before the meeting. If someone is absent without a good reason, he receives a warning. If this happens again, he will gain less points of every member at the peer assessment. He can prevent this punishment by doing more work during the week.

If someone of the team hasn't done his work or it doesn't accord the expectations, he will receive automatically less points at the peer assessment. The other team members will inform the coach about the sloppy work of this team member.

Problems will be discussed in the meetings. We try to find solutions for the specific problem. We keep in mind that we can always contact the coach to send us in the right direction. He has a good background knowledge that can help us to solve some problems.

3. Functions and responsibilities

To make sure that everything will run smoothly we have chosen Jef Van Den Bergh as team leader. He will motivate all the team members to do their work as good as possible. He will communicate with our coach and arrange meetings.

All the other functions are listed here:

Jef Van Den Bergh: Team leader

Sam Jansen: Document manager

Jeroen van Aert: Mechanics

Tinus Michiels: Electronics

Alexander Meynen: Construction

Bob verschueren: Technical drawings

4. Goals

The challenge of this project is to design a solar vehicle which is able to drive straight ahead as fast as possible, both on the flat and on a slope, only using the sun as a source of energy.

To optimize the vehicle, we are going to simulate the vehicle in Simulink. This simulation is followed by an analysis of the aerodynamics, the dynamics, the strength of the materials, the energy, material science and the mathematics of the vehicle.
After the analysis and the optimization, the vehicle is produced using Fablab Leuven.

5. Contact information

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