Meeting report n° 4

Attendance

Name	Function
Alex Van Tilborg	President
Thomas Colebrants	Designer
Jannes Van Noyen	Designer
Dries Caers	Time management
Alaâ-eddine lamrabet	Team creative
Brent Ceyssens	Designer

Absent

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Agenda

Topics to be discussed:

- Design
- Simulink
- Discussed calculations

Approval

Task list and follow up

Assignment	responsible	Team members	Due date	Finished (Y/N)	Actual workload (h)
Calculations	Dries	Brent	4 mrt	4 mrt	2h
Design	Alex	Thomas	4 mrt	4 mrt	1h
Matlab	Alaâ-eddine		4 mrt	4 mrt	2h
Report SSV I	Jannes		4 mrt	4 mrt	2h

To Do	responsible	Team members	Due date	Finished (Y/N)	Actual workload (h)
First design drawing	Alex		11 mrt		
Report SSV I	Jannes		21 mrt		
Simulink	Alaâ-eddine	Brent	18 mrt		
Correct Isc	Jannes		11 mrt		

Agenda discussion

- We thought about the design and came to the conclusion that we will try to base our design on a type called deltawing. This car is shaped like a waterdrop. It's almost impossible to shape our ssv like this because we have the solar panel with a flat and large surface. So the general composition will be the same: two wheels close together in the front (or only 1 wheel), two wheel more separated in the rear.

- Alaâ-Eddine used Matlab to calculate the gear ratio, ideal mass, height of the ball, speed of our SSV,… This simulation has to be compared with our analytical calculations.

- After the session we went to ask some question about our SSV, our coach mentioned that we only have to use the shortcircuit current from our measurement for our m-value and nothing else. We used this value in other questions so we will have to adjust some calculations.

Time Check

According to Dries, the time manager, everything is going as planned. Of course we will lose to time with the correction of the Isc but hasn't been done so it'll be mentioned in the next report.

Future Meeting:

The next meeting will be Wednesday next week at 14 PM in classroom 11.02