Motor

* Single motor
* Twin motor only gives small advantage
* Motor driver is needed
* 20 kiloWatts

Team Building

* 2 PM

**Fakprojekt - Mechanical**

Steering

* To Be Announced

(Maybe) Suspension

* Preliminary design
* Must be coordinated with the chassi

Chassi

* 5G impact test still to be done
  + Impact test is still being determined regarding how to do it
  + Where the pressure should be applied (point, or area or etc)
* 4.2 Meters long
* Roughly 3.3 meters from roof to backend
* 150 kg before the changes, after changes it is now \_\_\_\_\_\_?

Wheels

* Taken from BMW 3i (Or something)

Battery

* We have been given dimensions and the proposed design
* Still unclear on what type of battery to be used
* 144 kg with caging
* Second battery being considered
  + 100 kg
  + Less power density, but more expensive
* Still waiting for price of the batteries
* 76 battery cells
  + 1 cell
    - Width - 29mm
    - Length – 135mm
    - Height - 222

Solar Cell

* Multijunction 500,000 kr, roughly 30% efficiency, 3 Square Meters
* SingleJunction way cheaper, ?? efficiency, 5 Square Meters

Water-cooling will be done for the car

Telemetry

* Refer to pages
* Design #2

**Needed**

* Documentation for dimensions
  + Spreadsheet on mechanical/solidworks teams
  + File is called Readme
* Bending radius of wires
* Radiator dimensions (Talk to Vermillion)
* Battery people have to figure out the amount of cooling is needed
* Peripherals are taking suggestions for the buttons on the steering wheel
  + Volume control
  + Cruise Control
    - On
    - Off
    - Up
    - Down
    - Hazard Light