

### **work packages – Fabian Reiner:**

- 1) divide project in work packages
- 2) create the project structure plan
- 3) create the Gantt chart
- 4) creation of a rough sketch
- 5) design a basic model in Fusion 360
- 6) finish the sketch in Fusion 360
- 7) cut the acrylic glass to size
- 8) polish the glass pieces
- 9) screw the wooden frame together
- 10) installation of a MySQL-database on the Raspberry Pi
- 11) plan the database structure
- 12) prepare MySQL-statements for the creation of the database
- 13) set up the database
- 14) design the touch panel layout
- 15) code the touch panel in Python and connect it to the database
- 16) code the Arduino to light up the LED-Strips
- 17) code the interface between Raspberry Pi and Arduino