**Task B) Plan your experiment analysis (in Teams)**

Purpose of study (Research hypothesis)

Participants try to shoot on a target which has different distances to the participants with a controller. They try to shoot with a crosshair, a laser beam, and both crosshair and laser beam.

The further away the target, the bigger the error rate and the more time the participants need.

Beam could actually disturb the participants; crosshair should be good enough for aiming.

* **Independent Variable**

Age, gander,

* **Dependent Variable**

Opinion on the experiment

* + **Level of measurement (Messniveau der Variablen)**

* **Any further metric which can be analyzed**
* **Suitable test to analyze the data**