

Requirements list evaluation group 18

Requirements:	Achieved?
The grabber is lighter than 250 grams.	Cannot be determined in time.
The grabber must reach the ground, 20 cm from his wheelchair, when the wheelchair is at its lowest.	Yes, tested with old prototypes.
Our participant must be able to travel with his new grabber.	Cannot be determined in time.
The new grabber reduces the steps required to pick an item up compared to his current grabber. The grabber should bring the grabbed item directly to the users' wheelchair table.	Yes, tested with old prototypes.
The new grabber should be more comfortable to hold than his previous grabber.	Cannot be determined in time.
The new grabber must not create a shock which can break his arm or other bones.	Cannot be determined in time.
Our participant must be able to use the grabber on his own.	Yes, tested with old prototypes.
The required force to actuate the grabber must be at least the same as his previous grabber.	Yes, this prototype is fully based on his original grabber.
The grabber should be fully functional and operational with one hand.	Yes, tested with old prototypes.

Wishes	Rationale
The grabber can be used with both hands	Yes, the whole product is ambidextrous.
With the new grabber our participant can pick up heavier items	Cannot be determined in time.
The required force to actuate the grabber should be less than his previous grabber	Cannot be determined in time.