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MSD I – Standards

**Standards that could apply to our project:**

1. ISO Standards
   1. ISO/TC 173 SC1 – Assistive Products
   2. This standard deals with accessories to wheelchairs and for our input device we may need to attach it to a wheelchair, so the students are able to reach the user interface.
2. ISO Standards
   1. ISO 9787:2013 - Robots and robotic devices — Coordinate systems and motion nomenclatures
   2. This standard defines and specifies robot coordinate systems to aid in robot alignment, testing, and programming. We’ll need to set up a location system for our device to know where the utensil is in relation to the drawing area.
3. UL Standards
   1. UL 817 - Standard for Cord Sets and Power-Supply Cords (Ed. 12)
   2. We will most likely be plugging our device into the wall and want to make sure the cord and power connection is safe.

I don’t think we should apply to either of the standards grants.