

# Current Solution

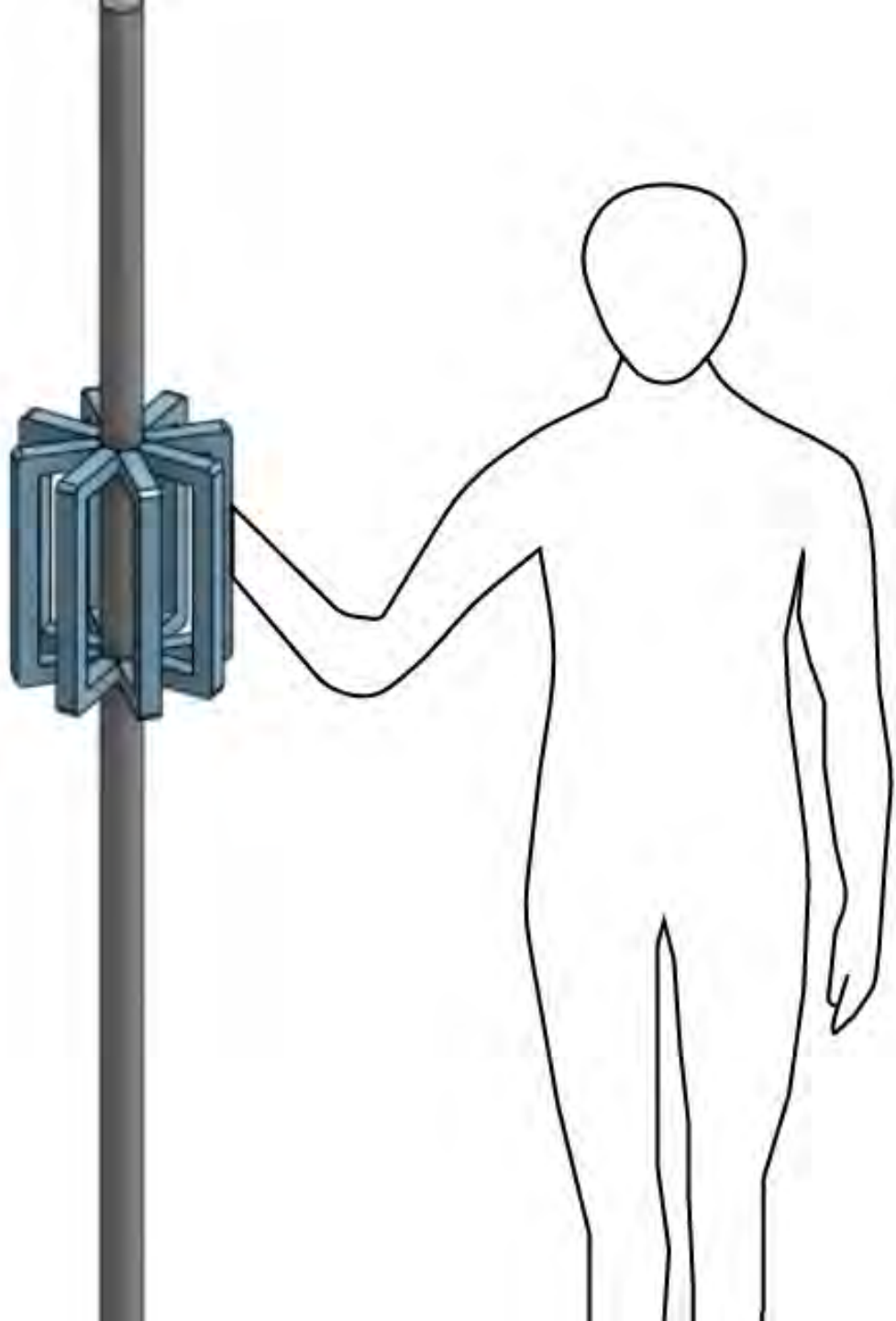
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# MBTA Upgrade

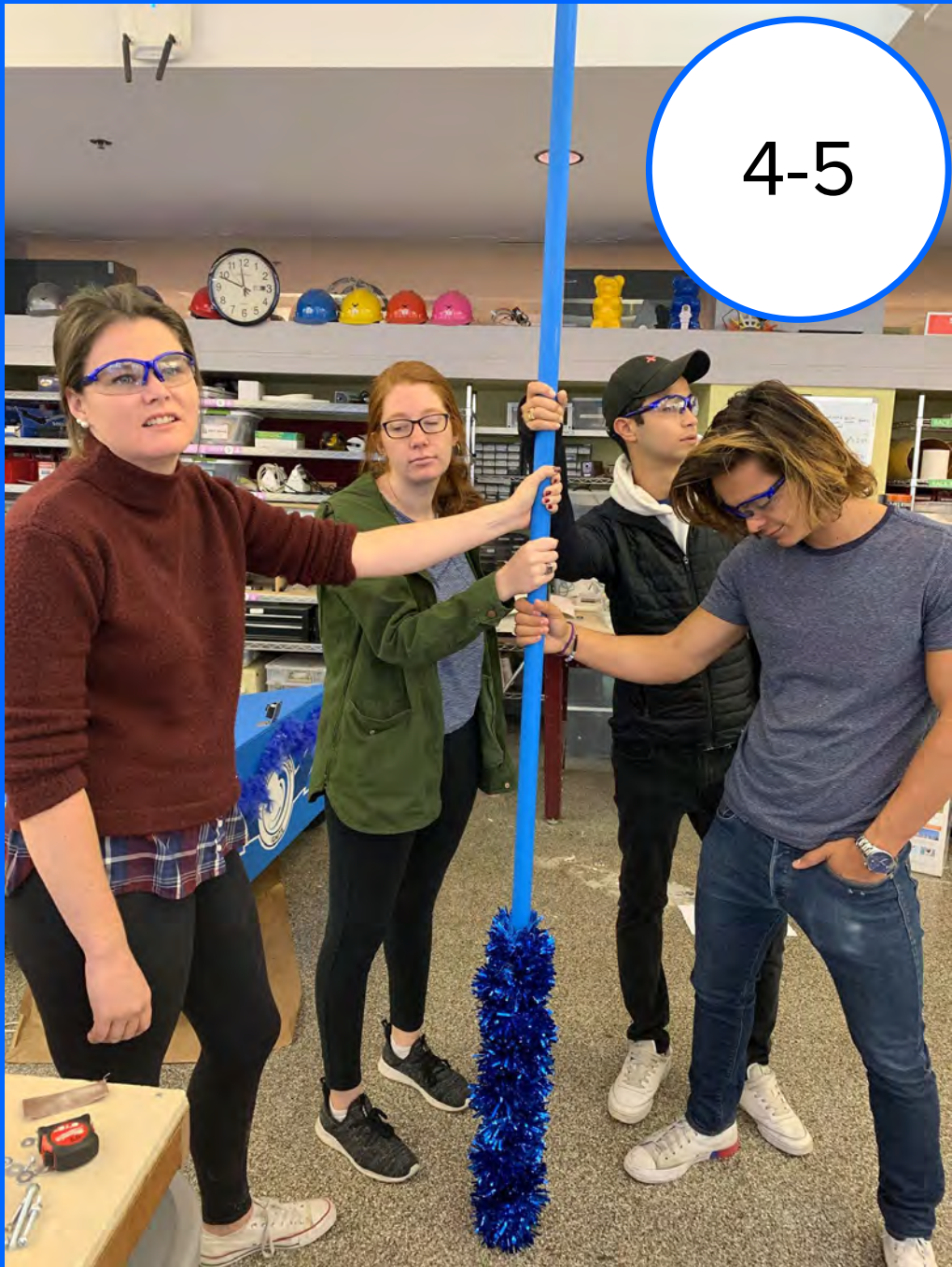
\$10B

7Y



# Pole Partner

4-5



8



# Ergonomics

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- People naturally grip pole near shoulder height
- Most adult shoulders fall within a 12 inch range



# Sketch Model Findings

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- Not significantly more comfortable
- Not enough added value to feel confident pursuing

4.2/5

Pole Partner  
(crowded)

4.2/5

Subway Pole  
(not crowded)

3.1/5

Subway Pole  
(crowded)

# References

Fitzsimmons, E.G., 2018, "M.T.A. Plan to Upgrade Subways Is Ambitious. But Is It Even Possible?", The New York Times, Section A, pp. 19

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A. Vaccaro, "MBTA puts price tag for fixing the system at \$10 billion - The Boston Globe," [BostonGlobe.com](http://BostonGlobe.com), 14-May-2019. [Online].

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