



Askf

**"Pocket Size" Portable Wheelchair  
Access Ramp**

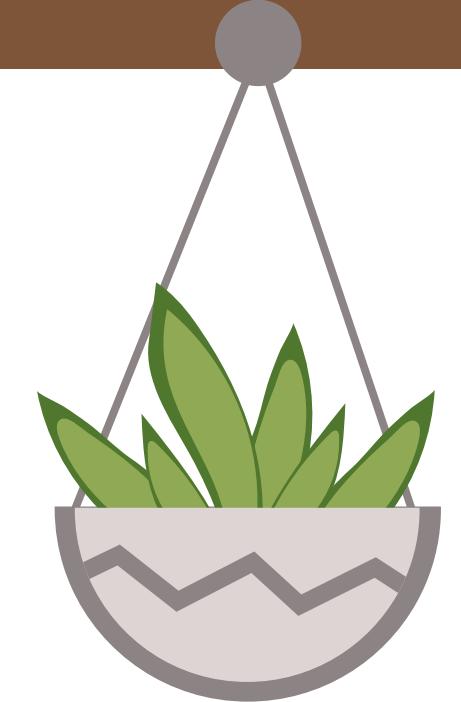


# Problem Description

- **Wheelchair users face challenges accessing social events due to the lack of wheelchair-friendly infrastructure.**
- **Existing solutions, like building ramps, are expensive, complex to construct, and difficult to transport, while also posing safety risks.**

# Meet the group

- *Minh Ahn Nguyen*
- *Jessica Ngo-Tang*
- *Samreen Fatma*
- *Kaamaakshi Kaushik*



# Project Overview



# **Major concerns**



# **Accessibility**

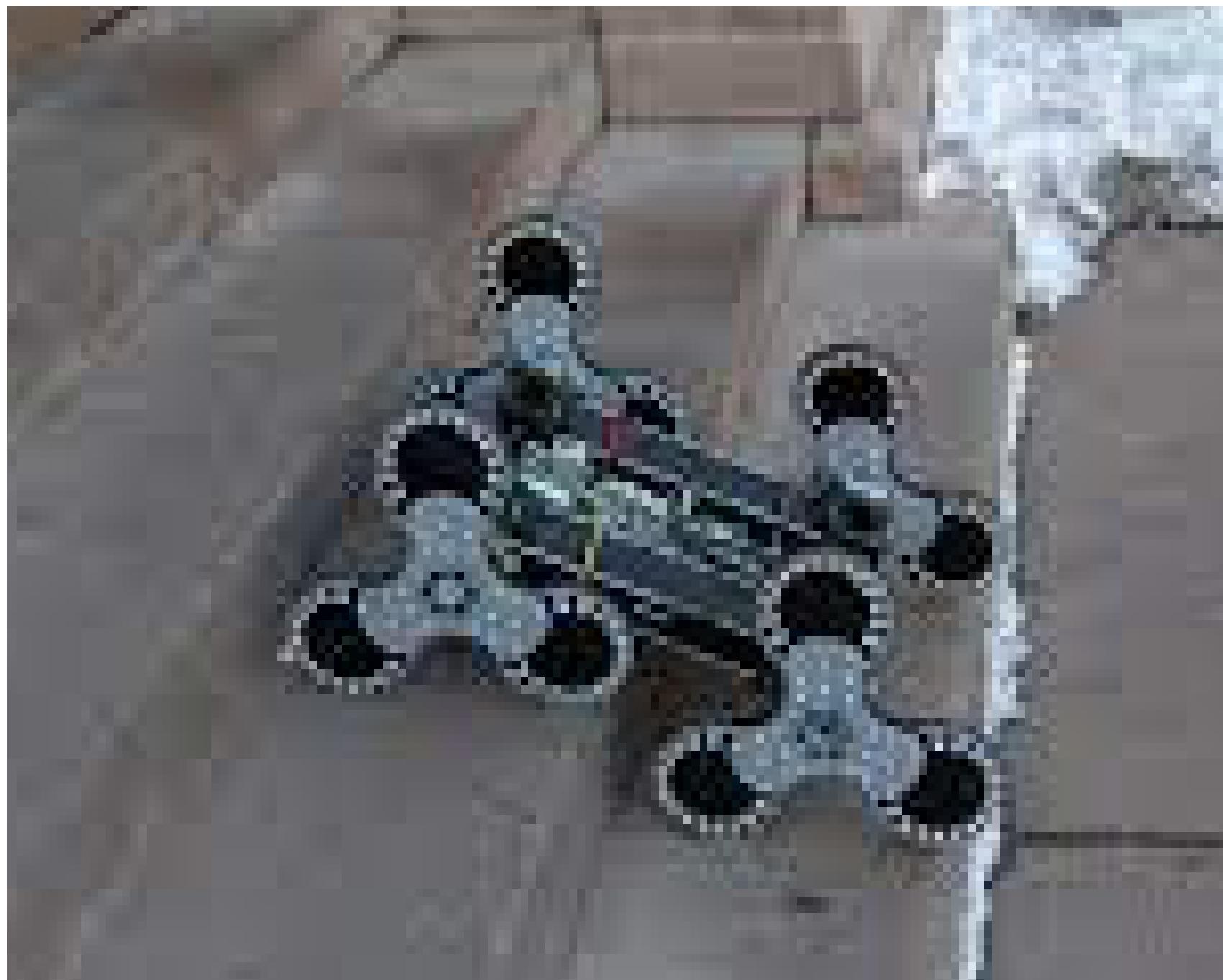


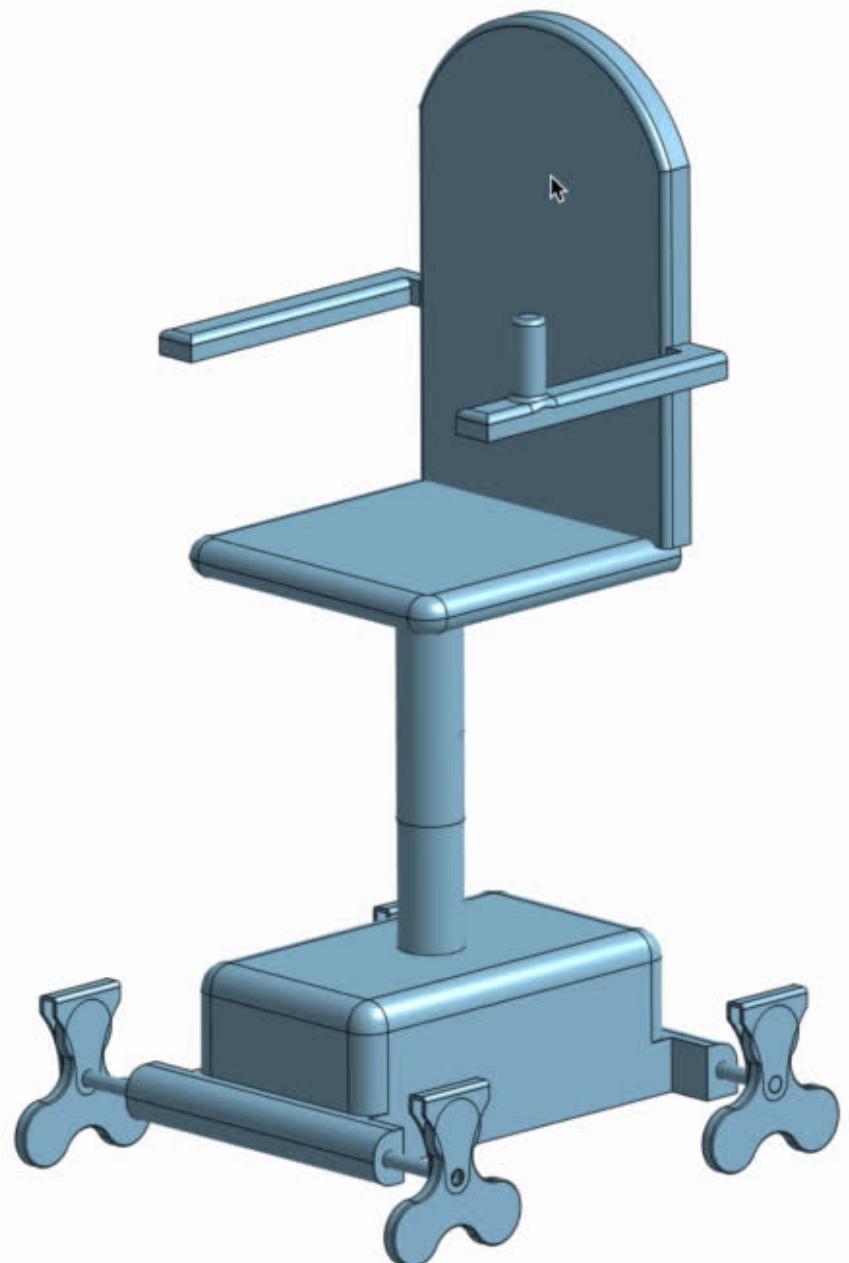
# **Inclusivity**



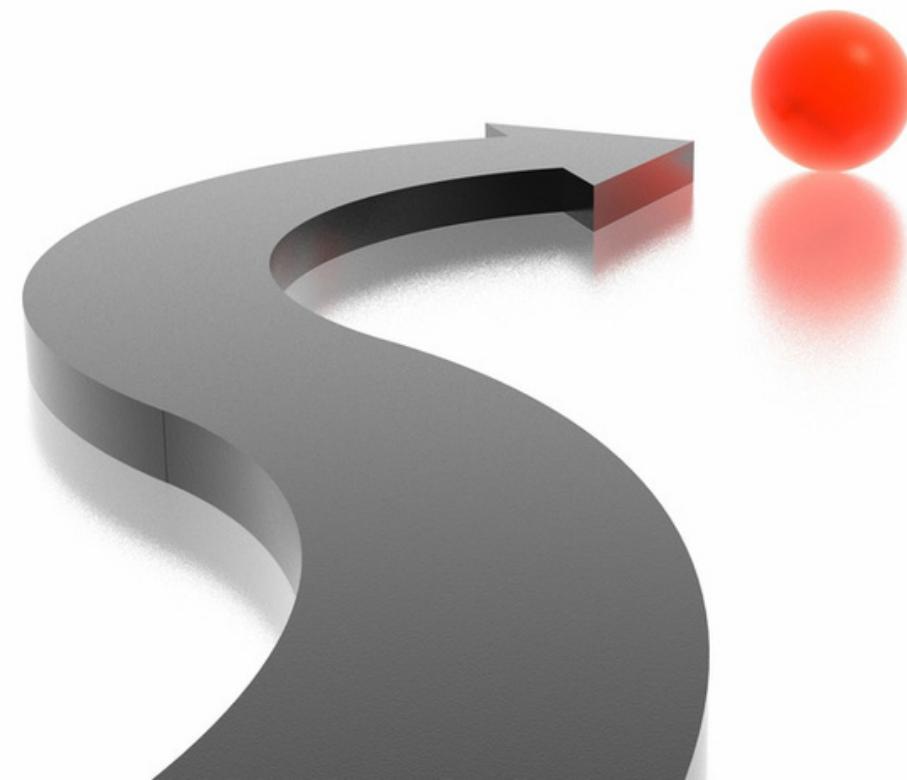
# **Safety**

# Tri-Wheel Model





# Future Goals



- GPS Enabled
- Solar powered
- Rear camera
- Adjustable back
- Automatic inclination detector





# Contact Info

- **kaushik@cua.edu**
- **mobinahmedsyed@cua.edu**
- **ngot@cua.edu**
- **nguyenam@cua.edu**