Specification

Portable, Compactable, and Powered Wheelchair

Team #4
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Project for: Annalee Hughes

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Material Specification

Physical: 316 Stainless Steel

Mechanical:
- Total Size: 18”x17”x30-40”(LxWxH)
- Seat Size: 15”x15”x20”(LxWxH)
- Seat Angle: 90°-115°
- Weight Capacity: 60-90(lbs)
- Weight: 50-70(lbs)
- Incline Capacity: 30°-45°
- Turn Angle: 360°
- Speed: 3-5 m/s
- Power: 60-110 watts

Electrical:
- Motor: N/A at this time
- Joystick: N/A at this time
- Battery: N/A at this time
- Battery Life: 2-3 Hours (rechargeable) 6-10 miles

Environmental:
- Operating Environment: Indoor/Outdoor (Dust/humidity/heat)
- Storage Capacity: -20-150°F
- Operating Temperature: 20-100°F

Software:
- N/A at this time (Computer generated)

Safety:
- Battery life will limit operation time.

Maintenance:
- Battery must be recharged after every use.