

**Bluetooth Wheelchair Tool**

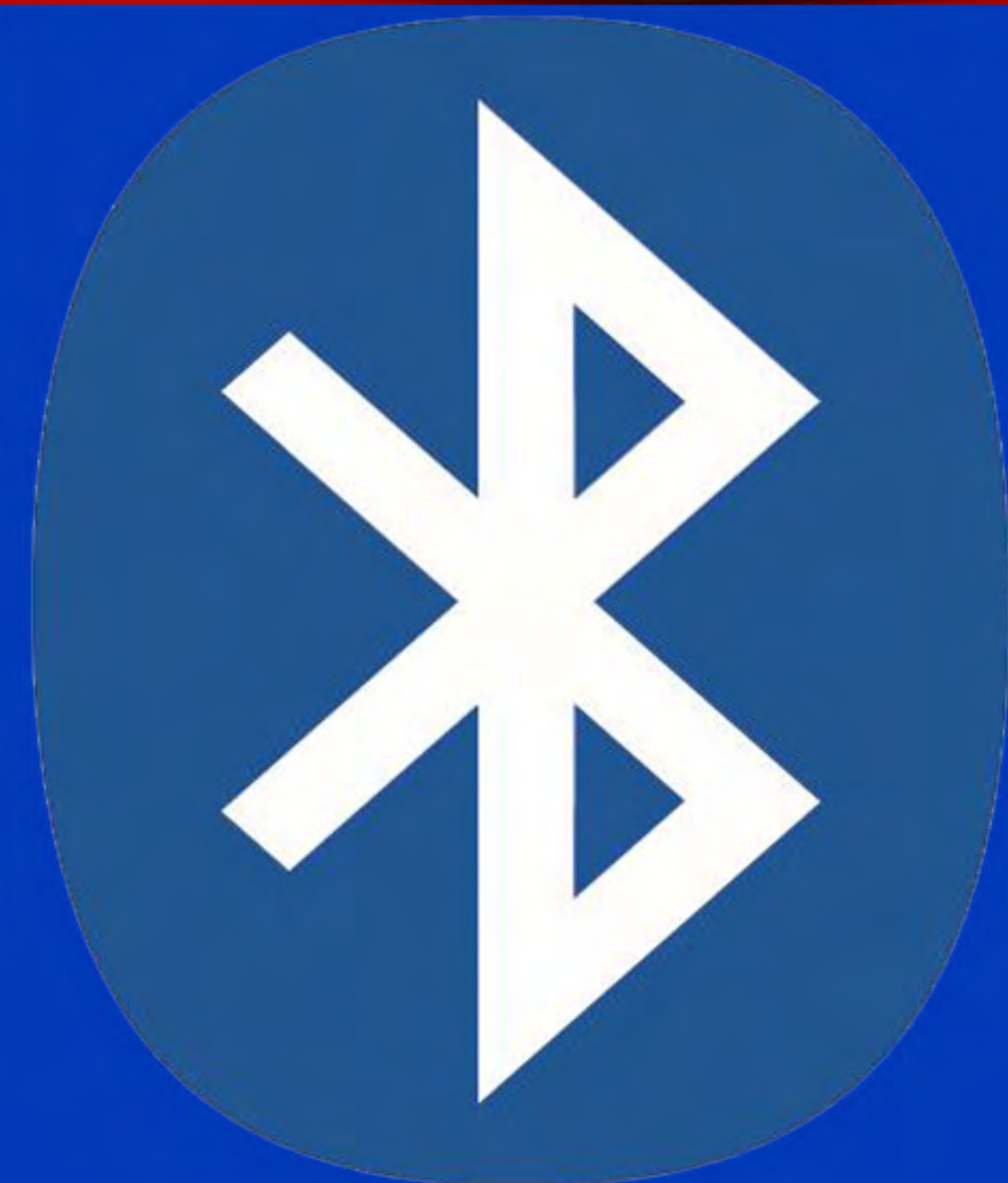
**Tucker Salovaara**

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## Project Description

This project is a Bluetooth button that can be used by someone in a power wheelchair. This is a contemporary technology that can serve to make the disabled community even more independent. It would function as an all around tool. It could turn off lights, be programmed to control electronics and of course help make phone calls. This would help people with disabilities not rely on always having someone around, and Bluetooth is already a functional well-used technology. This is why I want to make it to serve as a helping hand to the disabled community.





**Bluetooth®**



**User:** People who are in power wheelchairs, which utilize bluetooth.

**Context:** In this proposal, I want to design a button on a power wheelchair that controls the lights throughout ones home. I've researched this function for my own use because I am getting a new chair and I've found nothing during my research process about a wheelchair with this capability.

**Problem:** Programing. Finding a way to program the chair's button to respond and integrate it to ones living environment. Having to rely on others to turn on/off the lights around my home. Beneficial for others who are in similar situations as myself.

Self Reliance

**Solution:** Saving money and energy. Making the lives of others easier. One specific model will have this capability and will stand out from the others.

Pairing up with wheelchair companies.

Presenting design ideas to companies which utilize bluetooth capabilities.

Showing how resourceful this function will be for the community. This will have a strong impact on the community.

**Outcome:** More people in the non-disbled community will want this device to make their lives easier than it already is. It will have great publicity.



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