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Develop a novel adaptive bike braking system for people who have tetrapeligia.

Cyclist who do not have hand and finger funtion can propel the adaptive handcycles with specializied pedals pedals (quad grips), however they cannot indepentely operate typical lever actuated brake levers. I believe an elb  
The proposed system the "Tetra Brake" would use scapular retraction and shoulder extension to actuate brakes.

Meet with CBM engineeting team to brainstorm potential sololutions. Develop a prototype in CAD, order parts from suppliers, assemble and fit to the trike, Testing of the braking system with a user, creat a summary report.

Developing prototype, sourcing parts, assembly and fitting to trike, and testin



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