

TITLE OF INVENTION

by REACH Challenge Team #_____

YOUTUBE VIDEO LINK:

EXECUTIVE SUMMARY

REACH Challenge Team #_____ worked with (add User-Expert's name or description) to help (overcome what challenge). Our solution was to develop the (add title of invention) which works by (briefly describe the invention).

EMPATHIZE

Describe your User-Expert, and how you connected with him or her to understand their challenges, including their needs, wants, and requirements. Did you meet with them in a video call? Talk with their occupational therapist or teacher? How did you use listening skills and empathy to connect with them?

IDEATE & ITERATE

Describe how the team came up with the idea. Were there other ideas or iterations that may have been considered? Are there any other products that may currently exist, and if so, why is the team's product different?

PROTOTYPE

Describe how you built your final product. Please include visuals such as a photograph, CAD 3D model, and/or flow diagram with screen shots for any app.

TESTING

Describe how your User-Expert was able to test your prototype, and what they thought of the invention. If possible, include pictures of your User-Expert using your product.

CONCLUSION

How did this project impact the User-Expert? How did this project impact you? Would you want to publish your idea as an open source for others, or attempt to patent it?

SOURCES

List any sources you may have used in your research.

BILL OF MATERIALS

Maximum allowable budget for each team's REACH Challenge project is \$500. Parts and supplies that are donated are allowed, but must be accounted for in the Bill of Materials if the value was over \$50 (please note donation in Place of Purchase column).

Description of Item	Place of Purchase?	Quantity	Price per Item	Cost

TOTAL COST OF PROJECT: \$