

ATconnect Projects

Our Mission: Our goal is to connect FCPS students and companies across the county to create and share their Assistive Technology in person with students with disabilities. It's an event made for students, by students. We aim to create a platform where student creators, leaders in the industry, and students with disabilities can collaborate.

[1] Accesssive Hand Raiser 2022

Assistive Technology Goal: We seek to build a switch-accessible “hand raiser” that, through a combination of lighting and sound, allows a student to get the attention of the teacher without disrupting the surrounding environment.



[2] Switch Adapted Score Board 2022

Accessible Technology Goal: Our co-designer would like to participate with his classmates. He is a 5th grader with limited muscular mobility who can activate a switch button with his cheek and move his hands side-to side. He would enjoy keeping score of sports games. To aid in this we can make an accessible scoreboard which displays the score for two teams.



[3] NovaLang: AI-Assisted Situation Scripter 2023

Accessible Technology Goal: Liat is our codesigner. As someone with Autism, Liat finds difficulty with navigating new social situations. Liat's current solutions include social scripting, planning what to say for different conversations, in these unfamiliar social situations. Thus, we created a web application to help facilitate this process.

Difficulty: **hard** [Difficulty?](#) Author: [Author?](#) Prompt: [Re-generate!](#) [? Was this helpful?](#)

and then he had
nothing of a pleasant
nature to send.

Type to change the prompt [Submit](#)

HELLO THERE, Kim!

STATISTICS

[Number of "Easy" Completed:](#)

[Accuracy of "Easy" Completed:](#)

10

87.5%