Hello we are

Team Spark



Team Five with one of our Student Influencers Sam Berman

Our Team

Bibata Rabba Idi Carol-Anne Ryce-Paul

Daniel Lebo

MiJin Kim

Nathan Paul

Nursultan Zhumabaev

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Wilson Yu

We were mentored by

Zulaica Montas

Introduction

We are here to tell you about our CUNY students
Sam and Ashia, whose classroom lecture experience
does not consider the impact of their disabilities

Our CUNY Students Stories

We interviewed two of our Student Influencers about their lives in the classroom and the challenges and opportunities in simply going to class and learning in a "traditional" college lecture

Affinity map



How might we





HANN:

- Fase of access
- Connecting
- Software

- Help students to record lectures during class?
- Help note taking process easier for students?
- Help students feeling connected to other's note?
- Help students with disabilities remember important information?

How Might We

help users with disabilities remember important information?

Ashia who has ADHD (Attention Deficit Hyperactivity Disorder) speaks of her not being able to concentrate during her lectures, because of her disability and because she has to multi-task

Sam who has multiple disabilities spoke to us of his having to multi-task while in the classroom

Multi-tasking is their biggest challenge

Notes not legible SEEING THINKING Reading my transcriber's handwriting was difficulty Difficulty taking notes and listening Hard to do two Hassle to manually things at the enter in reminders same time PAINS Hard to focus on listening lectures and take notes at the same time Often, there are missing notes Difficult to get the sense of notes since they are made by other people

Missing important information

Note written by taker

on note that wasn't written down

handwriting Confused Overwhelmed Limited Angry Detached Annoved FEELING HEARING MULTI-TASKING IS HARD Lectures Transcribe Audio

Frustrated

GAINS

Hard to read

Lecture Slide

someone else's

I can go to school to attend classes. I can study

We believe this to be our biggest opportunity for Sam and Ashia, and ultimately for all CUNY students

Based on our team's research, and our interviewing, we learned that removing the need for students to record and transcribe class notes, while in class, is the major challenge to effectively learning



These following slides depict a student's classroom lecture experience















GoogleTA



What is the Google TA app?

Our solution is integrated into and is a part of

- The Google AIY artificial intelligence kits
- A suite of accessibility software students can access with their smartphones, and
- An IT system integrated into the CUNY backend software architecture, with the university's intranet, and student's CUNYFirst ecosystem















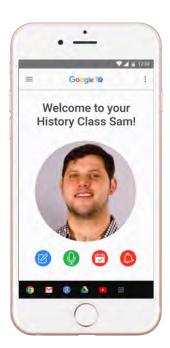
The Internet of Things

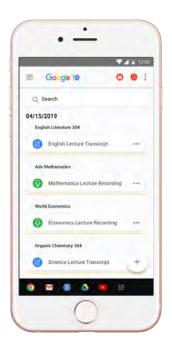
Users will register their device on the first day of class

Student devices will pair with Google TA using a unique pin via bluetooth

After initial pairing of device only those devices will be able to sync with Google TA





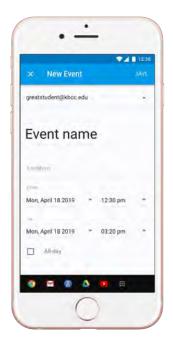


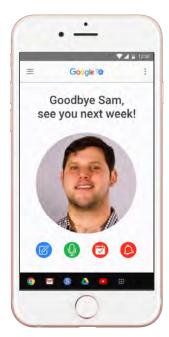














Google Ta

Based on the technology already available, and our solution which has a very global reach, we know that this product can work for all students, especially those with disabilities



Thank You

Any Questions?