

PolyTone

Your voice is more than just words

Problem

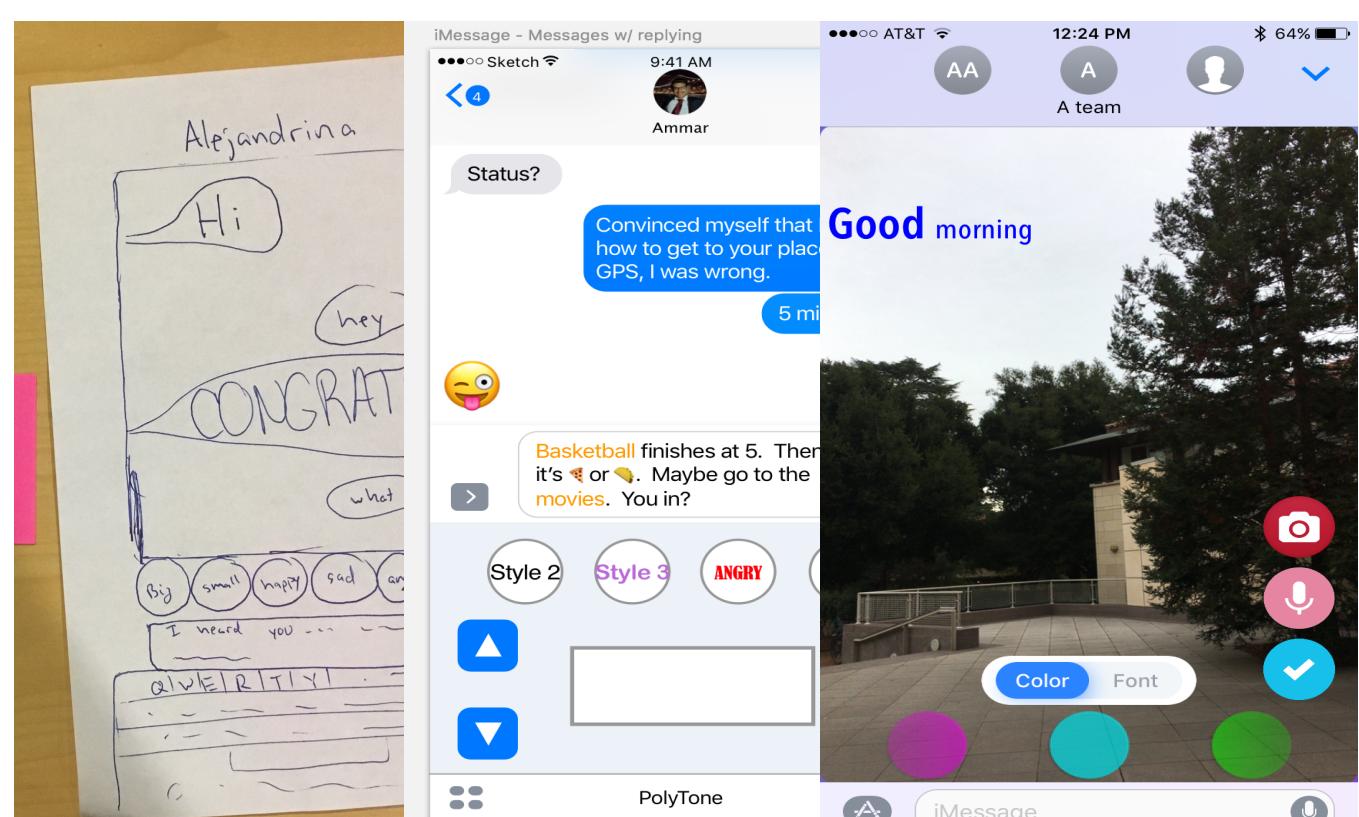
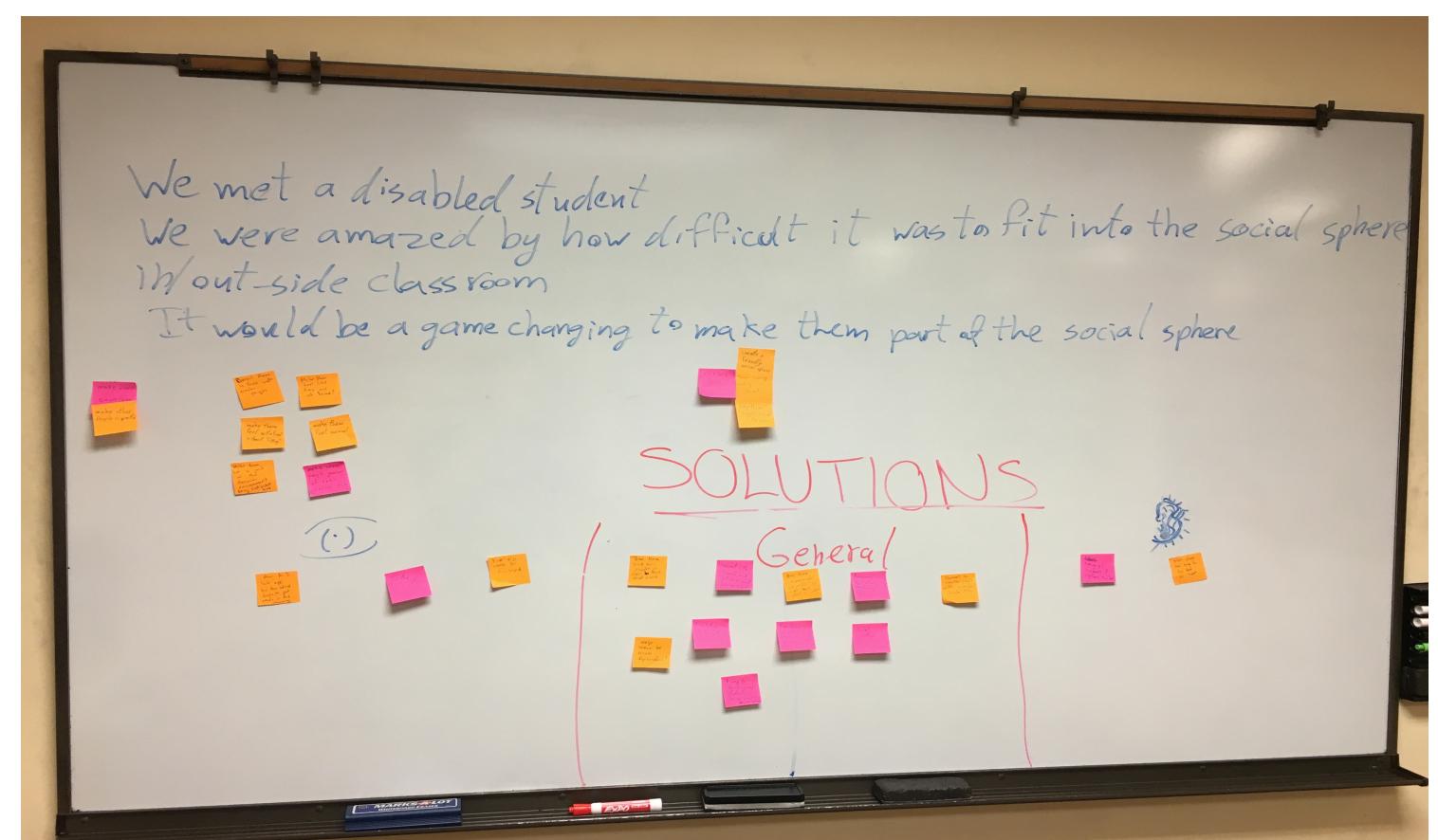
Text fails to display tone and emotions conveyed through verbal communication.

This poses a real problem for deaf students.

PolyTone aims to solve part of this problem by using font style to display volume.

Process

Needfinding: After interviewing disabled students, we realized that teaching could become more accessible by manipulating the size and shape of captions.



Solution Development: We iteratively produced low-fi sketches and later developed into more inclusive medium and hi-fi prototypes.

Testing: We utilized experience prototype testing, user testing, and heuristic evaluations to evaluate and enhance our solutions.

Key Features

- Live Captioning with volume
- One-on-one conversing
- Stylized messaging

