ALS is a degenerative neurological disease that slowly takes away the body’s ability to function, eventually limiting a person’s muscle control to just their eyes. This leaves patients unable to communicate with the outside world, and by creating eye gaze software, we can give the power of communication back. The current commercially available systems typically cost thousands of dollars and are not covered by medical insurance, making them inaccessible to many. With this in mind, we set out to create an affordable system that helps users regain their independence while allowing for compatibility, regardless of the eye gaze sensor or operating system they prefer.

- Priced at $99 for developer kit
- Infrared Radiation (IR) LED detects user’s eyes
- Usable on screens up to 24” and distances between 18” and 30”
- Windows, iOS, and Android compatible
- Potential to provide sensors for ALS patients

ALS takes the ability to communicate, yet eye gaze software is inaccessible to many.

- Open source and therefore free for everyone.
- Mimic natural speech as close as possible.

Replace the Pupil sensor used last year with the EyeTribe.

Windows compatible, but with cross platform in mind.

User-friendly GUI with a fully functional keyboard and mouse.