



STUDENT BRIEF

DESIGN AN AI TOOL FOR ENHANCED ACCESSIBILITY AT WORK

Logitech

Summary

Logitech creates tools that make digital work and play easier — from keyboards and mice to webcams and software. But not everyone finds tech straightforward to use. If you're someone with reduced hand mobility, vision, hearing, or a condition like ADHD, even the simplest tasks can be a challenge. We want you to help us imagine something new: an AI-powered tool or app that makes working at a desk simpler and more seamless for people with accessibility needs.

KEY WORDS

Accessibility, assistive technology, AI applications, product design, user experience

INDUSTRY

Digital, IT and Computing

FOCUS

- Day-to-day challenges faced by people with disabilities in desk-based work
- Current assistive technologies and how they're used
- AI-powered solutions for accessibility
- Integration of multiple tools into one ecosystem

Brief

I work in the product design team at Logitech, where we think about how to make technology work better for more people. A lot of what we do is about solving everyday problems — the kind you might not even notice unless they affect you directly. That's why I wanted to set you this challenge.

Imagine you're someone working at a desk who has reduced hand mobility, limited vision, hearing challenges, or something like ADHD or dyslexia. The basics of digital work — typing, switching between apps, reading and writing emails — can be overwhelming or even impossible without the right tools. There are assistive technologies out there already, like voice recognition software, screen readers, or apps that help you focus. But they don't always work together, and they don't solve every problem.





I'd like you to explore how someone with one or more of these challenges experiences their workday. Then, design an AI-powered tool or app to make their life easier. It could be something brand new or a way to bring existing tools into a single, smarter system.

Here's what I'd like you to do:

1. Pick one or more accessibility needs to focus on (e.g. reduced hand mobility, vision impairment, ADHD). Research what challenges they face when working at a desk, both at home and in an office. Look for real stories — forums like Reddit or case studies from charities can be a good place to start.
2. Find out what assistive technologies are already helping people in this area. For example, how do screen readers or voice recognition tools actually work? What are their strengths and limitations?
3. Think about where AI could help. What could an app or tool do that existing technologies can't? Could AI help someone juggle multiple apps, organise their tasks, or communicate more easily with colleagues?
4. Sketch out your idea. You don't need to be an artist — a rough drawing with labels is fine. If you'd prefer, you could write a description or make a short video explaining your concept.
5. Show the impact. Explain how your idea would improve someone's daily work experience. Why would they want to use it? What difference would it make?

The best ideas will be thoughtful and practical. Think about cost and how easy it would be to roll out to lots of people. If you can, include examples of other companies or tools that inspired your thinking.

Looking forward to seeing what you create. Thanks for giving this your time and brainpower.

