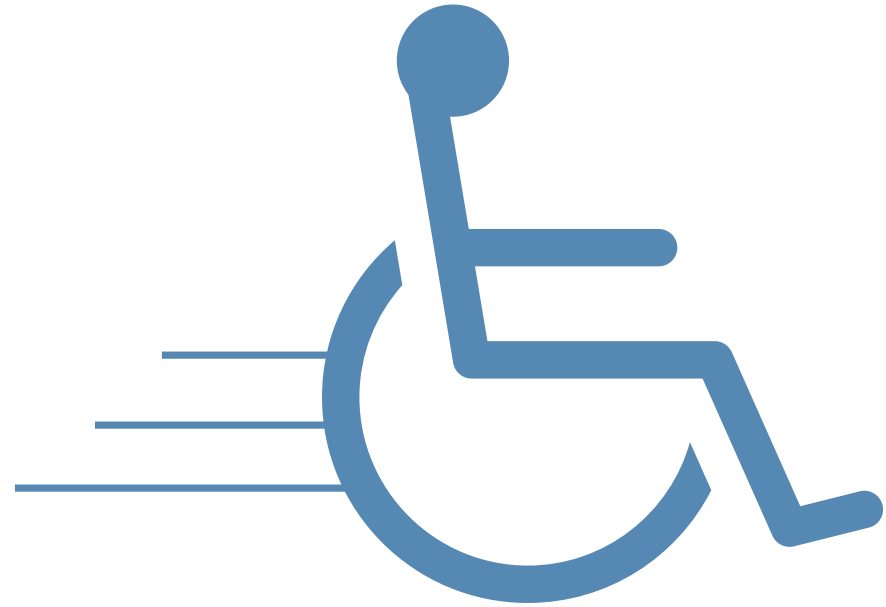


EasyEntry

Advanced Accessibility

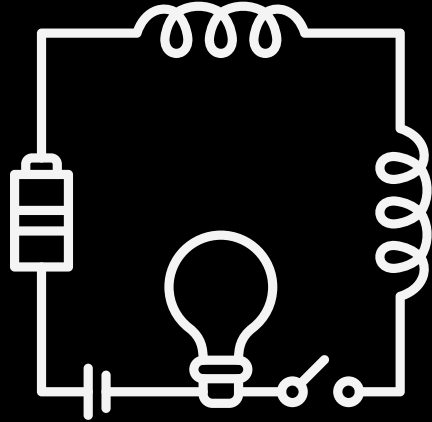


Getting where you need to go shouldn't be a hassle.



EasyEntry is built to enhance accessibility in everyday environments by addressing the issue of non-functional and inadequate handicap door systems. EasyEntry offers users a universal solution to deploying accessibility features in buildings, such as automated doors, ramps, and more. Using a convenient handheld device, users can have seamless access to the places they need to get.





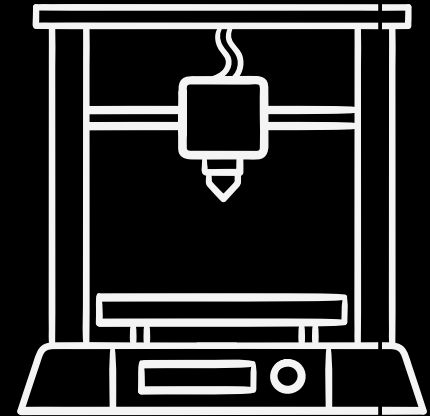
Circuitry

Compact and easily-installed
nano arduinos.



Optics

Leveraging optical technology to
create universal transmitters.



3D Printing

Cost-effective and easily
deployable.

powered by



Project Innovations



Enhancing Mobility

EasyEntry introduces a handheld device compatible with various mobility aids and infrastructure, promoting seamless accessibility. Whether utilized independently or integrated into mobility devices like wheelchairs, EasyEntry facilitates effortless navigation within establishments.

Comprehensive Infrastructure

Our infrastructure plan ensures universal accessibility by implementing automated features like doors, elevators, and ramps equipped with EasyEntry receivers. By integrating EasyEntry transmission compatibility into mobility devices, such as wheelchairs and canes, we create a barrier-free environment for all users.

Service-Centric Model

Operating on a service model, EasyEntry prioritizes adherence to accessibility standards like AODA and Ontario Building Code regulations. From installing powered door operators to leasing EasyEntry equipment, our district technicians provide ongoing support, ensuring optimal functionality and customization for each client's infrastructure.

Project designed by Jacob Klucha

I am a student at Carleton University and Algonquin College that has always had an interest in how technology and design can improve people's lives.

Project Supervisor: Dr. Rim Cherif, PhD

