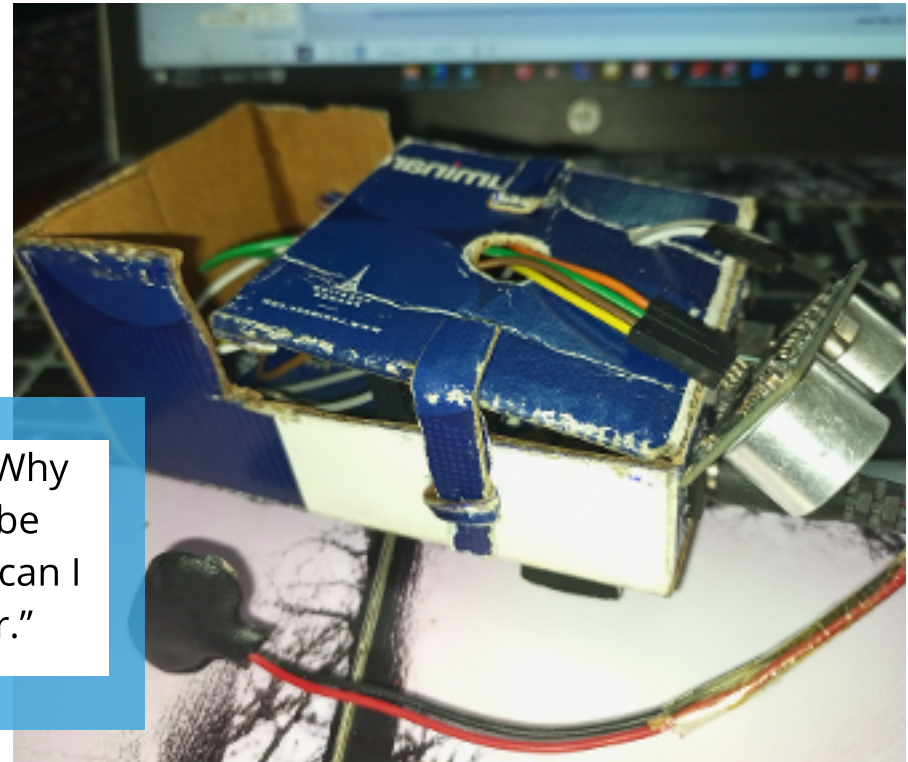# UWEZO

Transforming Lives

"Don't spend your precious time asking, 'Why isn't the world a better place?' It will only be time wasted. The question to ask is 'How can I make it better?' To that there is an answer."

CONTACT US

📞 +245 733 986 006

🌐 https://uwezoshoe.netlify.app/
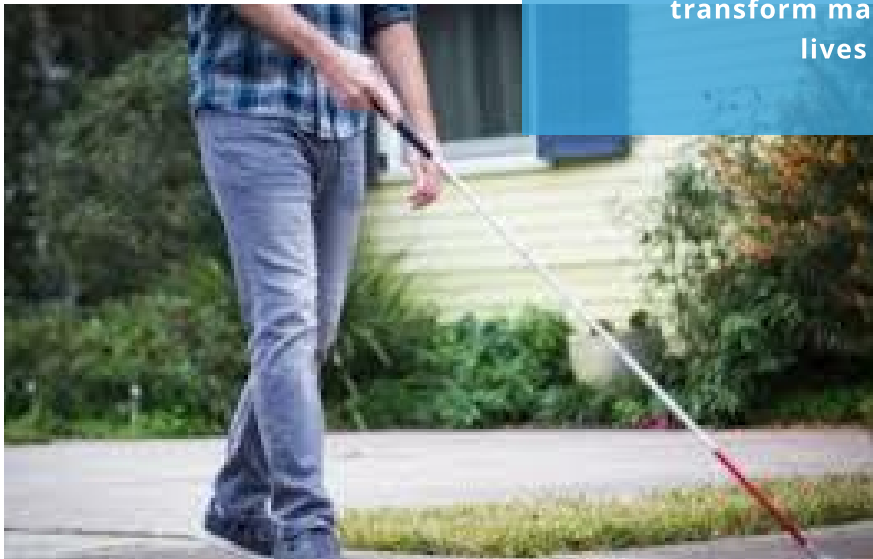
📍 Nairobi,Kenya

UWEZO BROCHURE
Advanced Technology

To make Uwezo a success, various technologies have been adopted. The primary focus though is in IOT, where various sensors are used.

Technology Breakdown

To achieve our goal internet of things is used , specifically with the Arduino micro controller board and other sensors thus helping come up with a reliable product.

"It is our obligation to always strive to make the world a better place, that simple idea or project could transform many lives . "

About the Uwezo

Uwezo is a Swahili word meaning capabilities. This project focuses on coming up with a reliable solution that will help the visually impaired move around easily contrary to the traditional methods like use of white canes.
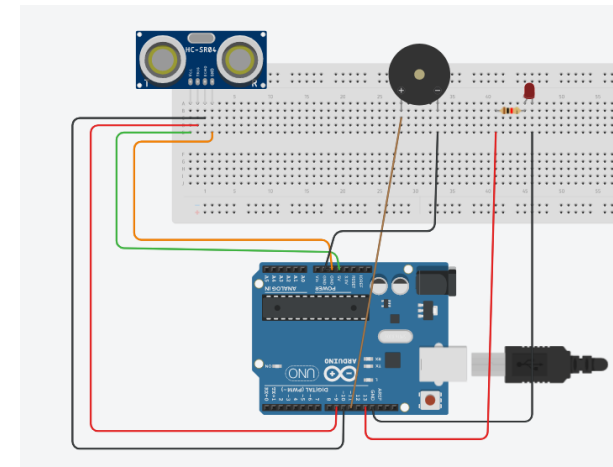
Internet of things is used to achieve our goal with primary prospects that are essential important for the success of the project

2022
The idea of uwezo was conceptualized and design started.

2023
Partial implementation of some of the features that essential for the success of the project

1
Obstacle Detection
Ability to detect ob-stacles and notify the wearer of the shoes is one of the key features

2
Remote Tracking
Location tracking of the visually impaired person will be mad possible for the users of Uwezo.

3
Electricity generation
To prevent any even-tualities , electricity generation will be made possible using piezoelectric plates.

Uwezo

Uwezo is live-changing, it is not just about developing a product but also being quite considerate of the users and doing more research on how to improve their lives by coming up with better solutions that can be relied on and used easily.