



# Accessibility

By Speak It



# Our Team

Avni Agarwal  
9M  
Student In charge

Aditya Manuja  
9E

# The Problem

**285 million**

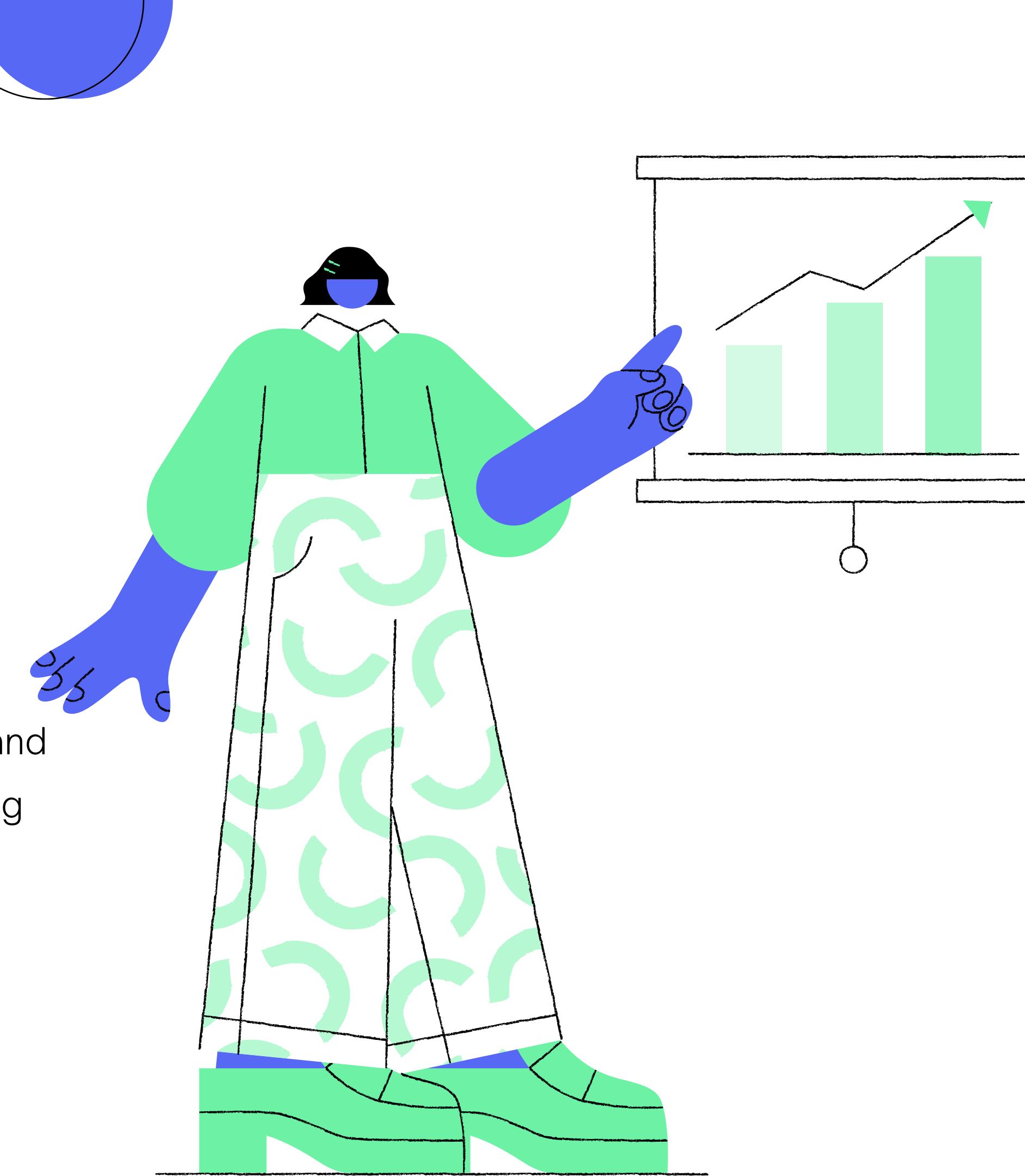
The estimated number of people visually impaired in the world.

**10 million**

The world population of amputees

Most websites like those for education, booking cabs and doctor appointments, planning events and even ordering food **require visual form filling**.

This makes them **inaccessible** to those with special needs





# Speak It

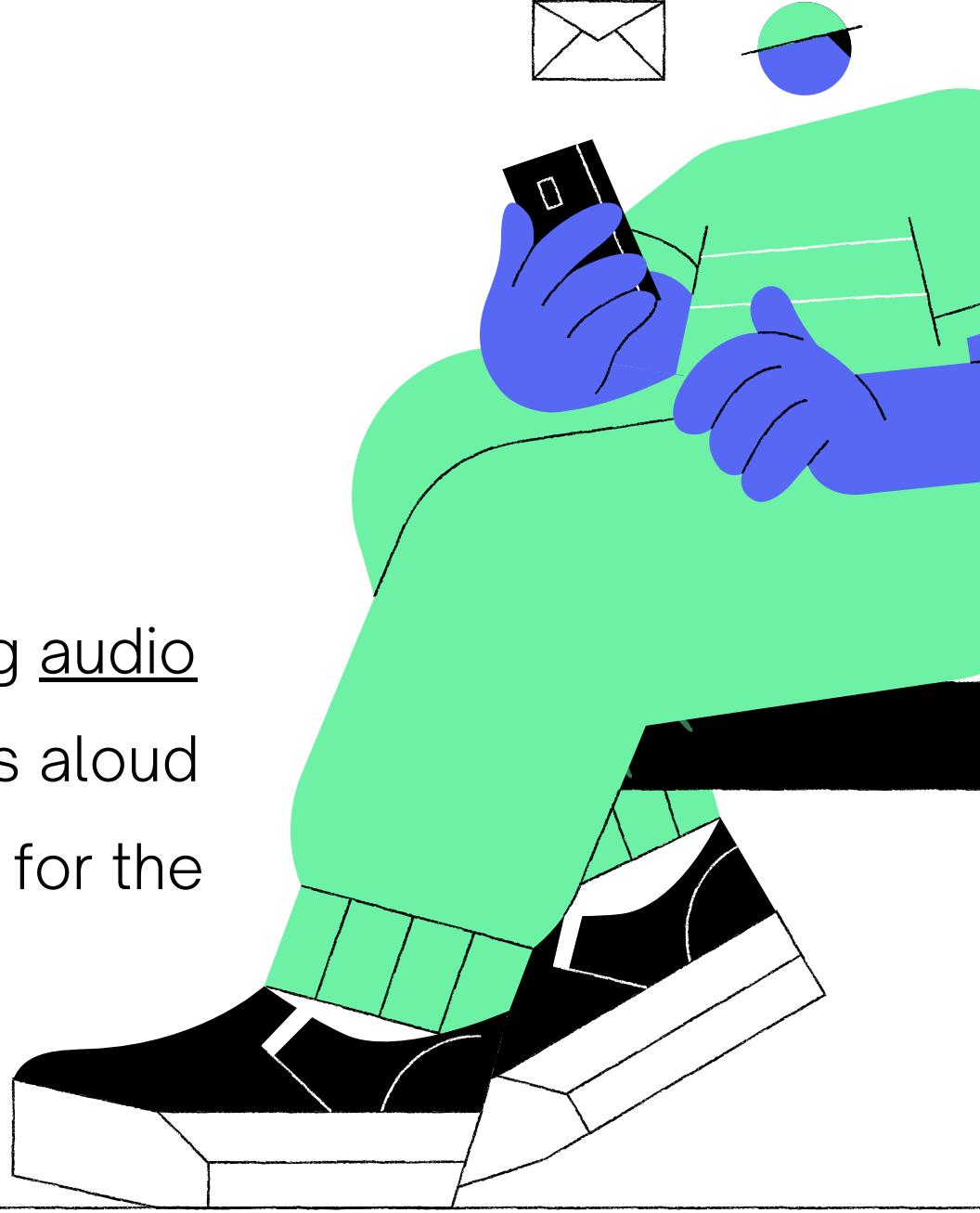
We aim to build a world which welcomes those with different needs. Speak It provides accessibility to those who can't see and/ or type.

We build **audio forms** to enable people who can't see to access a world of endless opportunity.

Through **intuitive vocal conversation**, people with visual or manual impairments can easily fill information in websites and mobile applications.



# Our Prototype



The Speak It prototype is **fully functional** audio application using audio recognition. It builds **customizable** forms for the users. It speaks aloud each question in the form, gathers the answers and stores them for the benefit of the form owners.

# **Speak It Workflow**

**Step 01**

## **CONFIGURE**

Specify number of questions/ form entries and questions in a json file.

**Step 02**

## **FORM QUESTIONS**

Speak It converts each text question to audio and plays it.

**Step 03**

## **ANSWER CAPTURE**

Speak It listens to user response, converts audio into text and saves it.

# FUTURE PLANS



## INTEGRATION

Web and mobile application

## ANALYTICS

Solving more problems with speech

## USER-FRIENDLINESS

Confirming with user that we have captured their response correctly and allowing amendments.

Change your life