**Project title:** Seeing AI

**Project URL:** <https://www.microsoft.com/en-us/ai/seeing-ai>

**How AI is used in this project:**

          This project uses **Optical Character Recognition (OCR)** for reading text and scanning documents. **Face recognition** is used to identify the people, their **age**, **how far** they are, and their **emotions**, and then a short **description**is provided. You can create a photo library of friends and family, and the app will tell you when **someone recognized** is nearby. It has a database of products and can recognize them by **bar code**. Users are guided to find the barcode by giving a beep when it is visible and then identifying the product. **AI**is also used to describe **the view** in front of you and recognizes different **currencies**, both with the help of object detection. It can **identify colors** and can **recognize images** in other applications. It can **read handwritten** text.

**Why this may help to achieve one of the SDGs:**

          This project covers the **tenth** **United Nations' Sustainable Development Goal**, called **"Reduce inequality"** because it helps reduce the inequality among people who can't see correctly; therefore, it **empowers**people with **vision disabilities** to live as closely as possible to **normal**. In that way, AI assures inclusiveness, and people with disabilities will no longer consider themselves **forgotten by the world**. This application has many videos about how visually impaired people use it and many reviews, so it had a **significant impact**. I also consider that this application covers the **third**software development goal, "**Good health and well-being"**. Now, visually impaired people feel better because they see how they begin to be again a part of society.

**Why this project inspires/excites you personally:**

          I am **inspired**by the people who are now happy and have shared their experiences with this application. I am also **inspired**by the fact that such a big problem has a good **solution**now, and it gave me **hope**and **motivation**that many other **remarkable**things are **possible**, and this is just the beginning. **Health problems**, **inclusiveness**, and the **influence**of technology in the world, especially for health, have amazed me for a long time. I practiced volleyball for many years and had many accidents, and I was sometimes surprised by the machines and products which helped doctors investigate and solve problems. I also know that people with health problems tend not to be liked that much. However, they must be **supported**during hard times, so we must make them feel like **they are still a part of our group**. I am studying in the IT field, and applications like this are a pleasure for me. This project has many capabilities, so it is like **a digital extension of people with visual disabilities**.