What is our motivation?

Some small everyday tasks can be challenging for blind people. BeFriend is designed to create a sense of vision, solve problems that they have to face with and make them take more part in life.

What is our solution?

A hardware tool helping blind people by giving information about the environment and creating a remote communication with a relative. Information of recognized texts, distance and size of objects etc. will be provided through headphones.

How the system works?

BeFriend detects the objects using image processing techniques and the distance using sensor. Blind people are also able to send images and get help through a client-server network communication module.