

Problem Statement:

There is a lack of available technology to help blind people read labels on food and medication packaging.

- According to the CDC, there are approximately 1 million blind people and about 6 million who have significant vision loss in the US. This is a small percentage of the overall population.
- Creating accommodations for the visually disabled takes time and money.
- Not all blind people know how to read braille
- Technology exists to help visually disabled people read food and medication packaging but it is expensive and not widely accessible. Most of this technology can only be found by researching on the web – something that is not always possible for a blind person
- Historically, blind people rely on routine and memory to know where things are in their home or place of work.
- Trying to cook a meal with different spices generally requires a sighted person to help identify each spice.
- Taking multiple medications requires a way to read the bottles and dosages.