

## Project 3: Part B

Ben Miller and Andrew Zhou

1. *What is it?*

A motion detector that utilizes timing and sound.

2. *What is the purpose?*

Accurately and easily enforce social distancing.

3. *What is the area of application?*

Social distancing.

4. *How does it help in that area? Or what purpose does it serve there?*

The program can detect when someone passes and then require the next person to wait before crossing, enforcing the USDA 6-ft guidelines on social distancing.