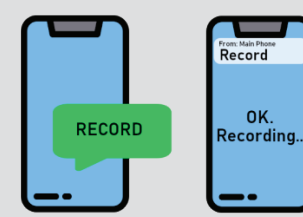


Portable Mobile Surveillance and Detection

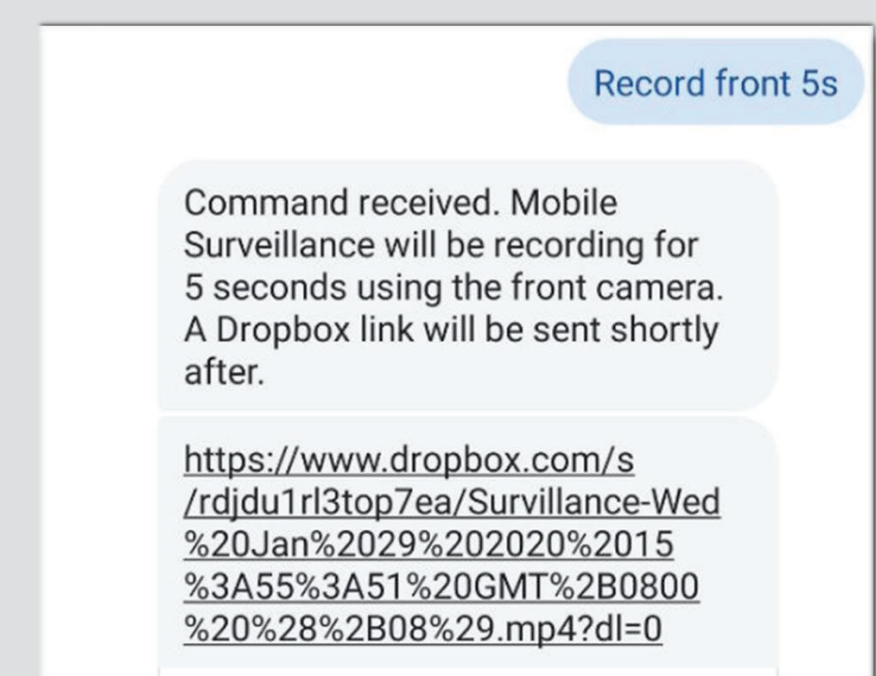
Repurposing older smartphones as security cameras

With electronic waste on the rise, this project aims to develop a surveillance application in which retired smartphones can be used for home or portable surveillance to save them from becoming pollutants.

Conduct Surveillance through SMS



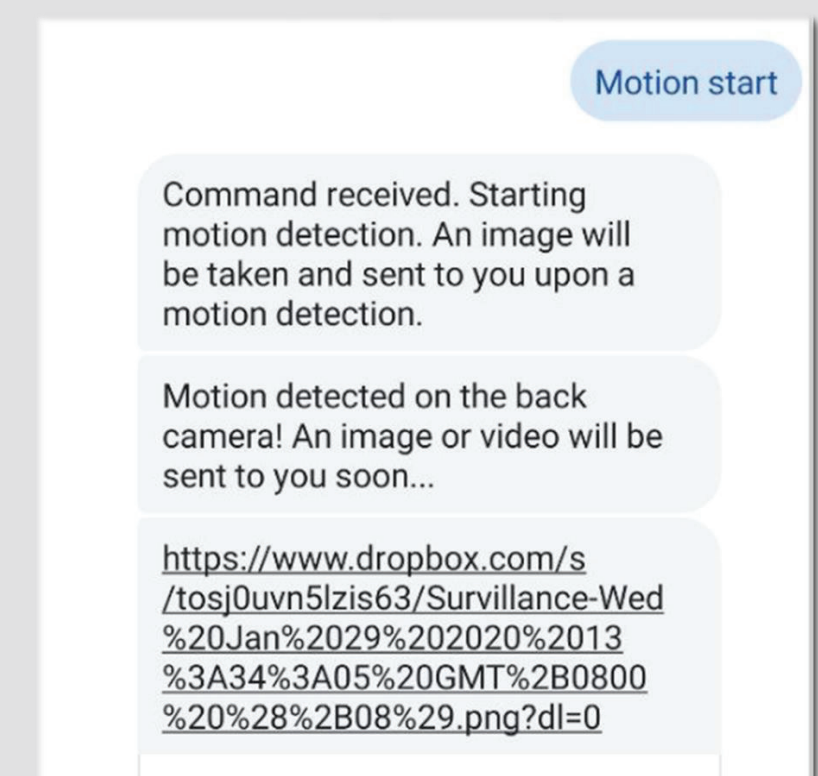
Eliminates the reliance on the internet to ensure that surveillance can be conducted anywhere with a local cellular network.



Motion Detection



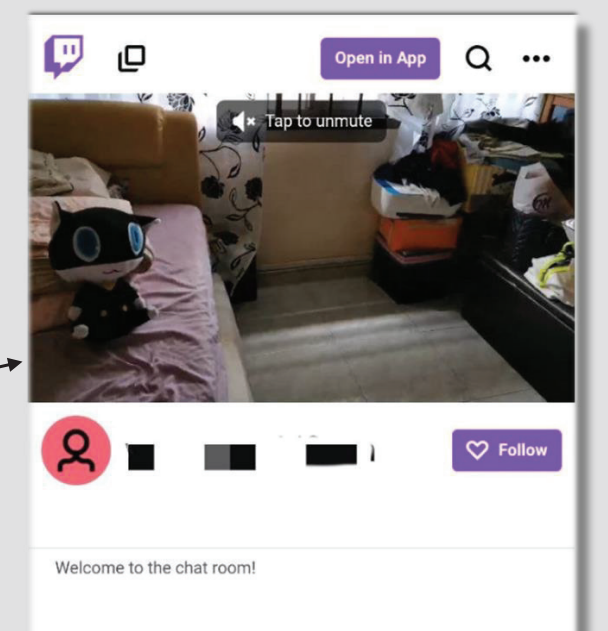
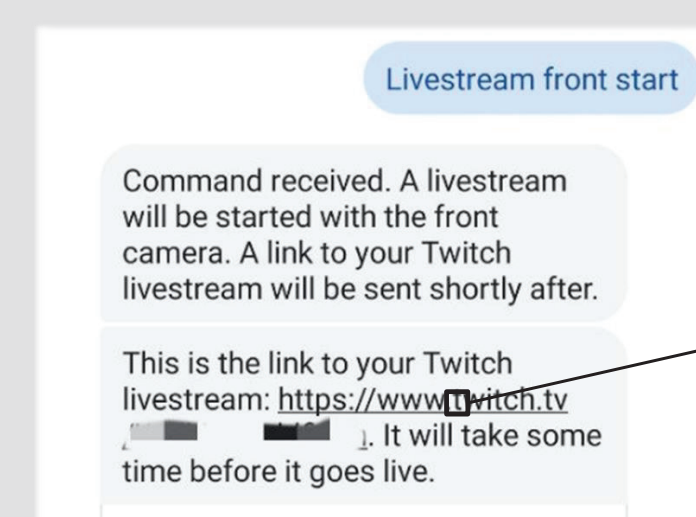
Alerts the user of any suspicious activity using a motion detection algorithm.



Live-Streaming



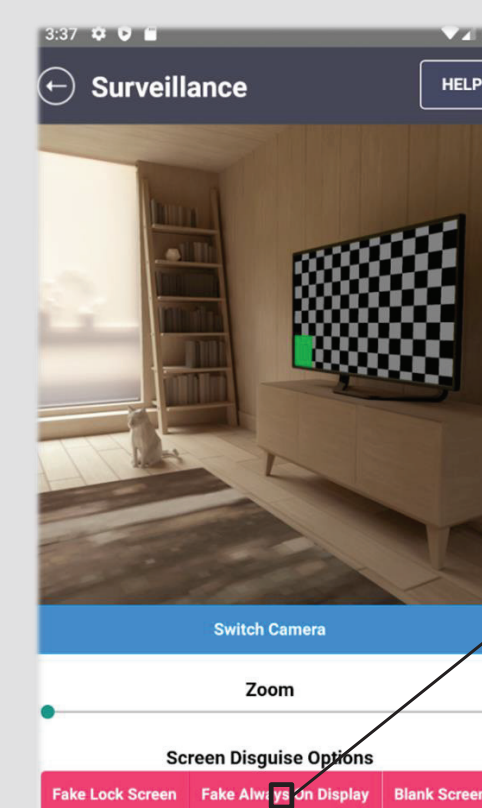
Provides a Twitch live-stream of the Surveillance footage. Users will be able to find out what is happening to their homes in real-time.



Screen Disguising



Catch intruders off-guard by disguising the Surveillance screen as a lock screen or an Always-On Display



Student: Ong Wei Ming | Supervisor: Mr. Tan Kheng Leong