PROJECT SCOPE STATEMENT

Project Name	Mirror++

Project Deliverables

Create a barebone prototype that can detect one gesture.	**Front End View**: Have little to no user interface. UI lo-fi prototypes will be designed but not implemented at this time. **Backend Controller:** Have Kinect device detect a simple gesture and display a response to it.
Create a prototype with a simple user interface. Device can detect more than one gesture and toggle one IoT device on or off.	**Front End View:** Have user interface partially designed with a couple widget. **Backend Controller:** Have the Kinect device provide simple navigation and have IoT connectivity to at least be able to toggle one device such as a light switch.
Finalize user interface with multiple widgets. Improve application to support multiple/custom gestures.	**Front End View:** Have user interface fully designed with a most widget on the application. **Backend Controller:** Have the Kinect device detect custom gestures.
Final product with multiple widgets, and a wide range of IoT device control.	**Front End View:** Have working IoT control widget. **Backend Controller:** Have IoT device controllers support multiple types of devices.

Project Exclusions

Sign Language detection: A sign language detection process would allow users to input words without the use of an on-screen keyboard.

Facial Recognition: A facial recognition software would allow the mirror to display personalized data depending on who is in front of the mirror.

Smartphone/Web portal for mirror: A smartphone or web portal would provide a quick and elegant way to set up certain features of the mirror such as account syncing and IoT device connectivity.