User Centered Universal Design Principles
Hand Washing Helper

Inclusiveness - The application function allows a user to wave a hand in front of the device to trigger the application. The application includes lights and sounds that can be easily altered to accommodate people with colorblindness or hearing difficulties.

Physical Access: The program is activated using a wave of a hand which allows access to the device by a wide range of abilities.

Delivery Methods: The device uses both lights and sounds to signify the appropriate time to wash your hands. This allows many types of people to access and enjoy the device and its effectiveness.

Interaction: The code for the device is interactive as it allows a person to swipe their hand in front of the device to initiate the program.

Feedback: The user knows that the device is working because it provides feedback to the user through lights and sounds.