

Project: Gesture Controlled Music Playback System

Team: Jenny Li, Shana Mathew

Abstract:

Our Gesture Controlled Music Playback System project will deliver a wearable bracelet or hand device that will interpret user's hand gestures into commands controlling music playback. For example, an up down motion of a hand would be interpreted as selecting a song to play and a wave of a hand left or right should rewind/forward the current song. Additional features may include more control over user's music playback and add in functions for a display monitor. The project would taking in and interpreting hand gestures from an IMU/Gyroscope/Camera and correctly changing the state of some song playing (time it is playing, volume level, play/pause, etc).