Title
Emotional 3D virtual body

Goal
Augment the reality to inflect human emotion based on gestures recognized by Kinect

Milestone-2 Summary
By now we have identified certain gestures that could be regarded as a sign of pain or being uncomfortable. For example, a patient repeatedly touches his forehead may indicate that he is headache.

For building a quick prototype, we used quite a few off-the-shelf open source libraries. And did a simple experiment with the use case described above. Following is the snapshot of the demo we have used in the class. The three pictures in a row demonstrate that some patient got a pain in his head and repeatedly touched his head. Then his head is colored red as a sign.
Figure 1: The man is doing nothing

Figure 2: The man is getting tracked
Figure 3: The man’s head is colored red indicating a potential head pain