COMPONENTS

The hardware components are coupled in a pendant like mobile wearable device.
Captures an object in view and tracks the users hand gestures
- It sends the data to smart phone
- It acts as a digital eye, connecting you to the world of digital information

**Projector**

The projector projects visual information enabling surfaces and physical objects to be used as interfaces
- The project itself contains a battery inside, with 3 hours of battery life.
- A tiny LED projector displays data sent from the smart phone on any surface in view: object, wall, or person

**Mirror**
The usage of the mirror is significant as the projector dangles pointing downwards from the neck.

**Smart Phone**

A web-enabled smart phone in the user's pocket processes the video data. Other software searches the Web and interprets the hand gestures.

**Color Markers**

It is at the tip of the user's fingers. Marking the user's fingers with red, yellow, green, and blue tape helps the webcam recognize gestures. The movements and arrangements of these markers are interpreted into gestures that act as interaction instructions for the projected application interfaces.

**HOW IT WORKS?**
The hardware that makes Sixth Sense work is a pendant like mobile wearable interface. It has a camera, a mirror and a projector and is connected wirelessly to a bluetooth smart phone that can slip comfortably into one's pocket. The camera recognizes individuals, images, pictures, gestures one makes with their hands. Information is sent to the Smartphone for processing. The downward-facing projector projects the output image on to the mirror. The mirror reflects image on to the desired surface. Thus, digital information is freed from its confines and placed in the physical world.