# I Mirabilia

*Keywords*
Interactive Dolls
Emotions
communication

*Input*
Holding the doll in certain way.

*Output:*
Audio or visual.

*Technology:*
Sensors
Leds
Arduino
Microphones
microswitches

# I Mirabilia

*Description:*

I Mirabilia was developed by Erika Rossi, Gillian Crampton Smith and Philip Tabor at the university of Venice. It is created to help the children who are sitting at hospitals having emotional problems to interact with different people.

I Mirabilia allows interaction with it in certain way when the user holds one of the hands and holds the opposite ear to this hand he/she will be able to record secrets in the doll. This process happens by activating the mircroswitches in the ears and hands and recording. Then, the secrets stores secrets using the microphone stored in the ear. When the user tells a secret the checks of the doll will blink (blinking LEDs). To be able to retrieve the secrets, the user has to knock on the back of the doll three times to hear all the recorded secrets within the doll through capacitive touch sensor that detects 3 knocks.

*Links:*
*http://rice.iuav.it/371/1/Erika_Rossi_I_Mirabiliav03.pdf*
*http://vimeo.com/24060775*