ESE519 Project Deliverables

**Project Title:** Content reactive humanoid toy figures.

**Team:**

A. Stuart (Lead for Hardware (component selection, designing circuitry, mechanical design))

B. Sarath Vadakkepat (Lead for Communication)

C. Zairah Mustahsan (Lead for Media processing)

**Deliverables:**

Following are the actuation points in the toy -

1. Movable head
2. Hands - up and down movement
3. Lights and Sound

Following are the features -

1. Imitation of the content
2. Enable the child to respond to some instructions like picking up the toy, that changes the content accordingly.
3. Enable the toy to vocally articulate some instructions for the child.
4. Reactive content as reflection to child’s interaction with toy.
5. Attracting the kid to play with the toy.