**Automatic Cradle**

**Abstract**

In present era of busy life schedules everyone is busy.As a solution to this in each and every field automation is deployed. Home appliances are also not exceptional to this changeover. So presently we are seeing automated home appliances like washing machine, Mixer, flour grinder etc. adding to this as a continual improval in this project we are going introduce automation in baby care sector i.e. automation of cradle which swings on electric motor and controlled by sound sensor and also alerts if baby wets the bed.

**Block Diagram**

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**High torque DC motor with Gear setup and necessary lever setup**

**Microcontroller**

**Cradle**

**Wet sensor signal**

**Buzzer alarm**

**On/Off signal rough clapping**