**Project Name**: Helmet detection for Motor cyclist safety

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**Idea**: This smart helmet detection mechanism ensures motorcyclist safety where the two wheeler engine starts only when the rider wears the helmet. We have divided the entire product into three circuits, in which RF modules play the major role in transmitting and receiving the signals, then the TM4C123 controller which controls the motor.

**Components used**: TM4C123 Tiva C series Launch Pad, RfiD (433 MHz), DC motor (10Kg-cm), Helmet

**Number of files**: 3

1. Circuit explanation video
2. Prototype working video
3. Microcontroller code for controlling DC motor