

CSS (Children Safety System)

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The aim of this project was to innovate a device that could detect human presence in the back seat of cars in order to save the lives of the children being left behind or simply forgotten. Firstly, a research was made which conducted that at least 11% of all parents worldwide have forgotten their children at least once inside a car. Therefore, the CSS sensor would be able to save the lives of those left behind by being an assertive replacement to the natural human phenomena, the lack of remembrance. Furthermore, the CSS sensor was carefully connected and programmed to enable it to work accordingly with the car's battery, lights and theft alarm when contained in a closed system. So, when the car was turned off and a closed circuit occurred, the sensor would take its readings. Once these readings matched with the programmed code then the alarm went off indicating for the presence of a child. In case the adult was somewhat deaf, the car lights will start flashing as well, aiding the adult or whomever was around to notice the forgotten child.