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### **Next Generation Auto Theft Prevention**

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Abstract - Literature reported, aims to design a next generation auto the prevention system by adding significant enhancement and modernizing the existing security features and thus try to overcome the drawbacks in vehicle theft. The list of the modules that are implemented in this project are smart gravitational lock, cryptographic keyless entry, Touch screen ignition, Adjustable motion alarm sensitivity, ubiquitous vehicle tracking, car finder, GPS fencing, Remote fuel cut-off. This project mainly consists of two units i.e. vehicle unit and smart key fob unit. These two units are implemented using LPC1313 microcontroller on an ARM Cortex-M3 microprocessor and are programmed in Embedded-C.LPC Xpresso IDE is used to debug and run the program.