

# Automatic Floor Parking Management System



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## **Dedication**

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## **ABSTRACT**

Automatic floor parking management system is a good substitute of current parking system where motorists has to search empty spaces by its own and besides these lots of human efforts and workers needed to make the parking system efficient and secure but still it does not fulfill the requirements of people i.e. Cars still stolen, no proper billing system and no security.

We have set up a system which is fully automatic and fulfill the requirement of efficient parking system. In our project there is minimum human effort involved and it provide maximum security. In our project parking is for members only. Each member has a unique code and a bar code is placed at their car, when both the password and barcode match then parking is allowed to that member. Our project consists of two parts. First part is hardware based and the second part is computer application based database in which all the information of the user is saved. Hardware consists of a LCD, KEYPAD, MICROCONTROLLER, ALARM, and MAX232 IC for serial communication, IR sensors, motors, and barcode reader.