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(57) Abstract :
 Exemplary embodiments of the present disclosure are directed towards a smart parking system and method employed thereof. The smart parking system includes one or more ultrasonic sensors placed at each and every slot, whereby the one or more ultrasonic sensors are configured to find whether the slot is empty or not. The system further includes an Arduino Uno connected to one or more ultrasonic sensors, whereby the Arduino Uno is configured to detect vehicles parked in slots. The system further includes one or more LED lights connected to the Arduino Uno, whereby the one or more LED lights are configured to glow when the slot is empty and turns off when the slot is filled. The system further includes a LCD display connected to the Arduino Uno, whereby the LCD display is configured to display the slots information on a screen, resulting in the vehicle driver wants to park the vehicle at the empty slots. Fig. 1

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