

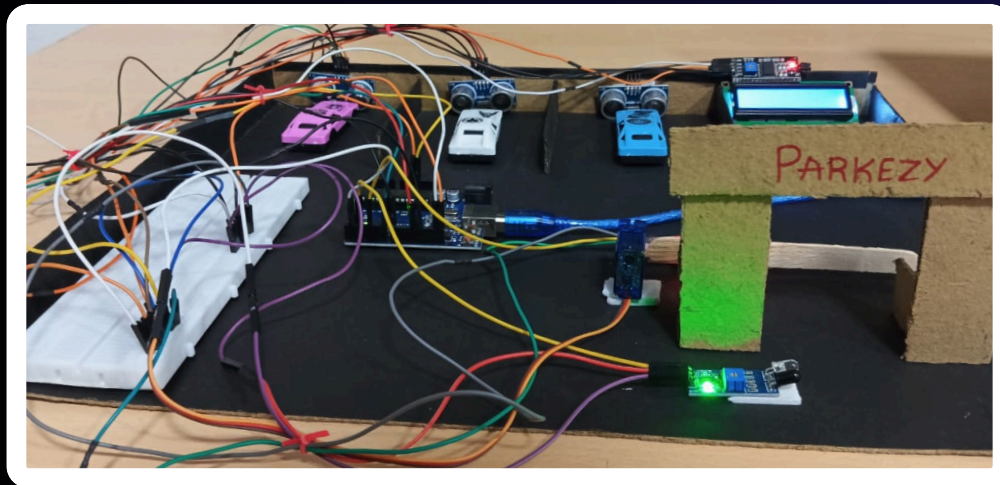


# PARKEZY- Smart Car Parking System



## An Iot based Car Parking System

PARKEZY is an innovative IoT-based smart parking solution that automates the entry gate of a parking slot using IR sensor technology. Our system aims to streamline the parking process, enhancing convenience.



The objective of the project is to develop Parkezy, an IoT-based application, to provide real-time parking slot availability data, automate entry gate operations, and optimize parking resource management for enhanced urban parking experiences. The project scope includes parking facilities, implementing real-time data collection on parking slot availability.

Presented by :

P.Rajeshri

S.Abhigna

K.Varsha

II year IoT

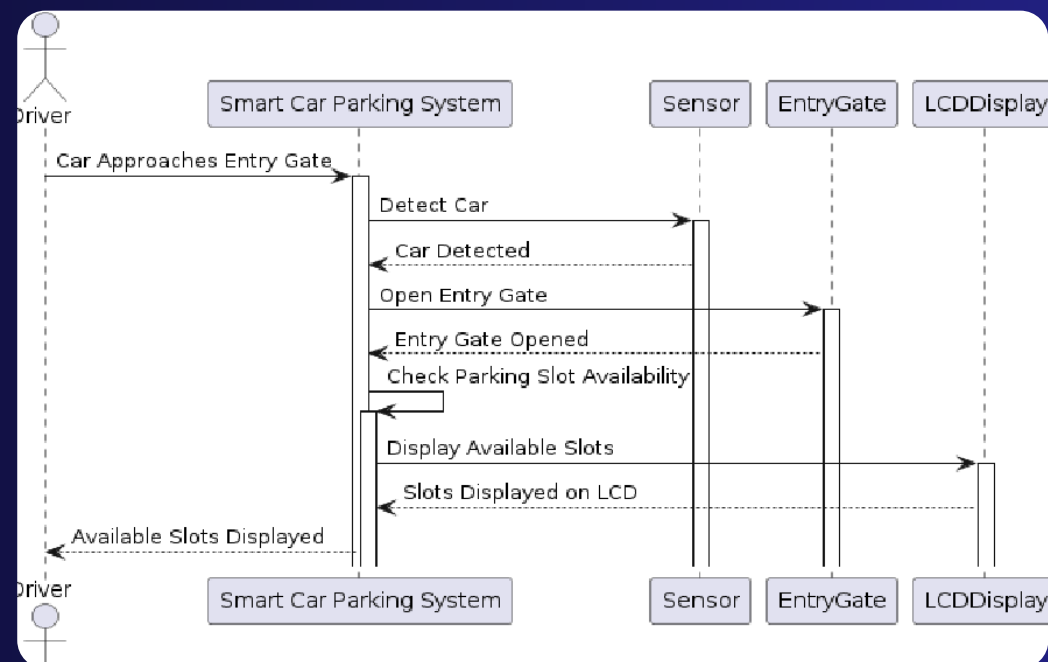
### Objectives :

- Automated gate control
- IR sensor detection
- Real-time monitoring
- Easy detection of available slots

### Benefits:

- Convenience
- Reduced congestion
- Efficient use of parking space
- Cost efficient

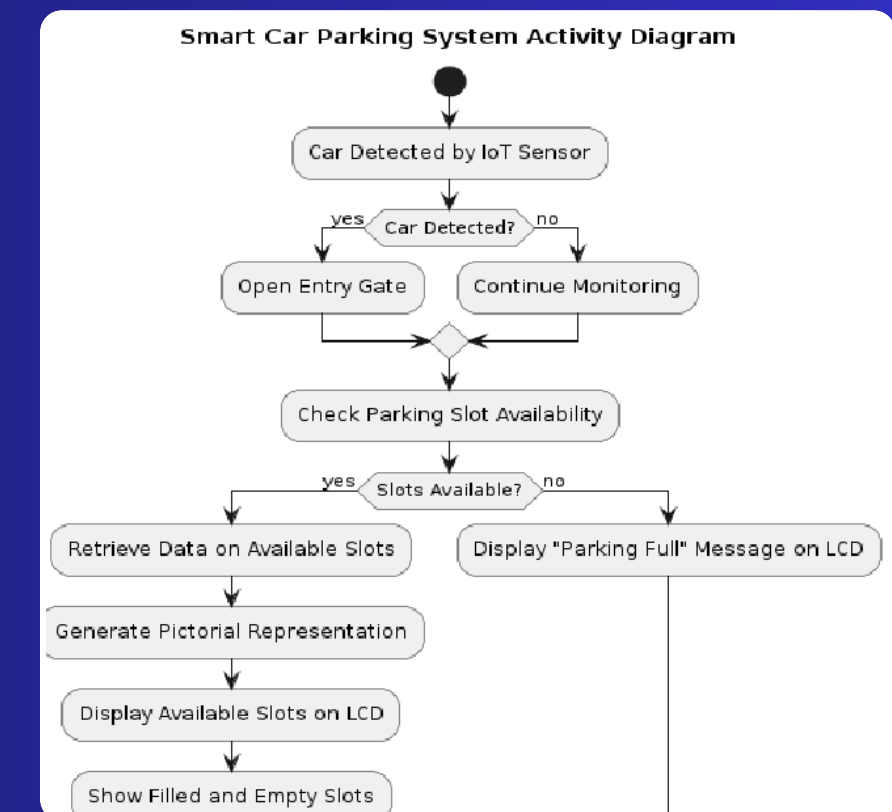
### Method :



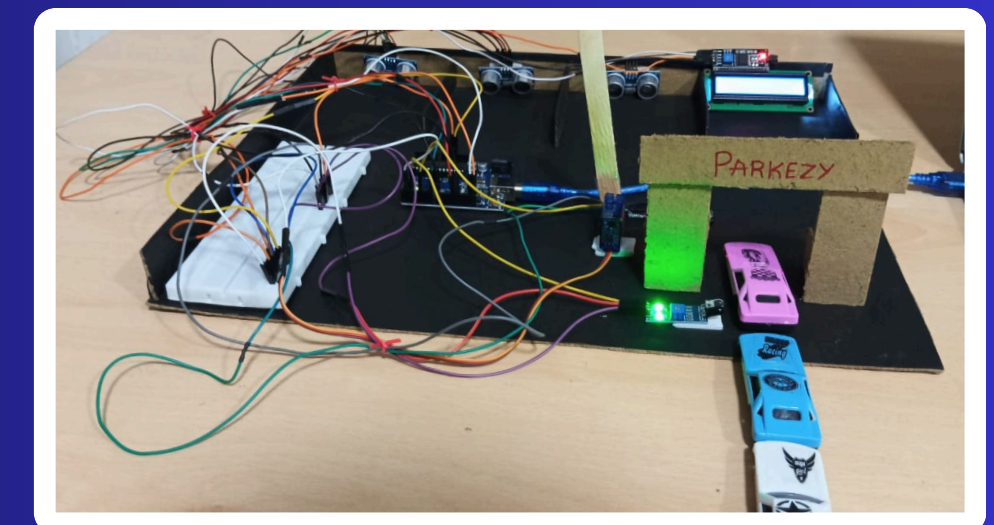
### Technical Details:

- Sensors: IR sensors for vehicle detection
- Controller: Arduino
- Software: Arduino IDE

### Activity Diagram :



### Result :



Guide-  
Dr. G. Latha  
Associate Professor  
CS & IoT