

## SYNOPSIS OF THE PROJECT

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Shared folder/git repository details	<a href="https://github.com/ashwinashok18/Mainproject">https://github.com/ashwinashok18/Mainproject</a>
Project Title	Car Parking Slot Identification With IOT Technology
<p>Description of Project:</p> <p>Car parking is a major issues in modern congested cities of today. There simply are too many vehicles on the road and not enough parking space. This has led to the need for efficient parking management systems. Thus we demonstrate the use of IOT based parking management system that allows for efficient parking space utilization using IOT technology. The system detects if parking slots are occupied using ultrasonic sensors. Also it uses ultrasonic technology to sense if a vehicle has arrived on gate for automated gate opening. The system reads the number of parking slots available and updates data with the cloud server to allow for checking parking slot availability online. This allows users to check for available parking spaces online from anywhere and avail hassle free parking. Thus the system solves the parking issue for cities and get users an efficient IOT based parking management system.</p>	
Front end and Backend Tools	Android, Mysql

**Date of Submission: 27-04-2022**