Our proposed solution is a **Parking Lot Management System**, that will help the admin manage and easily display the current status of the parking spaces inside the parking lot in a systematic manner.

It will enable the admin to represent the type of vehicles those individual parking spaces can handle comfortably.

This will also help those who want to use the parking services get a better idea of how many parking spaces are available and which sort of vehicles they can accommodate as well as the pricing.

It will enable the admin to automatically generate the parking bill for each user depending upon the parking space and duration of use.

It will also use AI to detect the number plates on the vehicles that enter the parking lot and then scan and store the Vehicle No. allotted to the vehicle along with the details of that parking instance for future use by the user, admin, Government or analytics, etc.