Online Parking Reservation
\<Group No>

SYNOPSIS

Institute of Engineering & Technology

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About the Project:

Online parking reservation that is designed to make it easier for people to book parking spaces online. Our online parking reservation system to reserve parking spaces in the immediate parking, additional services will increase our website by enabling customers to go online and reserve their favourite space to park their car. As they need, and to set the period of availability can add many types of vehicle seats as administrator. It is designed to make it easier for people to book parking spaces online. Availability and prices can add up for a period of several vehicle types as vehicle parking space reservation system administrators as they need. In today parking lots there are no standard system to check for parking spaces. The proposed project is a smart parking booking system that provides institute students an easy way of reserving a parking space online using web portal.
It overcomes the problem of finding a parking space in universities/institute areas that unnecessary consume time.

Motivation:

Searching for a vacant parking space in a metropolitan area is the daily concern for most people and it is time consuming. The system heavily relies on human interaction with the physical space and entity. This leads to wastage of human manpower and also parking spaces at times. It commonly results more traffic load and air pollution in certain area only for an available parking space. Previously, various techniques have been proposed to overcome such problems.

Future Prospects:

This project offers a web application based reservation system where students can view various parking spaces and select nearby or specific area of their choice to view whether space is available or not .If the booking space is available, then student can book it for a specific time slot. The booked space will be marked and will not be available for anyone else for the specified time.

Requirements:

a) Hardware:

- Processor – i3
- Hard Disk – 5 GB

- Memory – 1GB RAM

b) Software:
- Windows 7 or later
- MySql