MID TERM REPORT
ON
ONLINE PARKING RESERVATION

Submitted by

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Declaration

We hereby declare that the work which is being presented in the Mid Term Report **"ONLINE PARKING RESERVATION** *using JAVA* in partial fulfillment of the requirements for Mini Project is an authentic record of my team work carried under the supervision of **Mandeep Singh***(Technical Trainer)***,GLA UNIVERSITY.**

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Course: B.Tech

Year: 3rd

Semester: 5th

SYNOPSIS

Student Information:

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Information about Industry/Organization:

Industry/Organization Name with full Address	GLA University,Mathura Uttar Pradesh ,281406
Contact Person	Name & Designation : Mandeep Singh(Technical Trainer) Email : mandeep.singh@gla.ac.in

Project Information:

Title Of Project/Training/Task	Online Parking Reservation Using Java
Role & Responsibility	
Technical Details	Hardware Requirements: Laptop Software Requirements: JAVA , Mysql
Training Implementation Details	Partial Implemented

Summary of the Training Work:

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.

<u>ACKNOWLEDGEMENT</u>

It gives me a great sense of pleasure to present the report of the Industrial Training undertaken before B. Tech. Third Year. This training in itself is an acknowledgement to the inspiration, drive and technical assistance contributed to it by many individuals. This project would never have seen the light of the day without the help and guidance that we have received.

Our heartiest thanks to **Mandeep Singh,Technical Trainer, Department of CEA, GLA University** for providing me with an encouraging platform to develop this project, which thus helped me in shaping our abilities towards a constructive goal.

We owe special debt of gratitude **Mandeep Singh,** for his constant support and guidance throughout the course of our work. His sincerity, thoroughness and perseverance have been a constant source of inspiration for me. He has showered me with all his extensively experienced ideas and insightful comments at virtually all stages of the project & has also taught us about the latest industry-oriented technologies.

I also do not like to miss the opportunity to acknowledge the contribution of all authorities of the organization for their kind guidance and cooperation during the development of our project.

<u>ABSTRACT</u>

Online Car Parking Reservation System is designed to make it easier for people to book parking spaces online. Our online parking reservation system will instantly enhance your website by enabling customers to reserve parking spaces, buy extra services and pay online from home or on the go. Car Park Booking System admins can add as many car space types as they need, set availability periods and prices, launch promos and discounts.

Contents

<u>INTRODUCTION</u>

This Web Application mainly deals with the parking slots in the buildings like clubs, hotels, malls and many more.

In this Web Application we can access the information of parking slots in the building where is free. By finding the empty space the user is able to block the slot.

This application also provides information about the user like Car No, License No. and mobile number the administration will able to notify the user if there is any problem.

After selecting the empty space in the parking slot the user is able to pay the amount and confirm his/her booking.
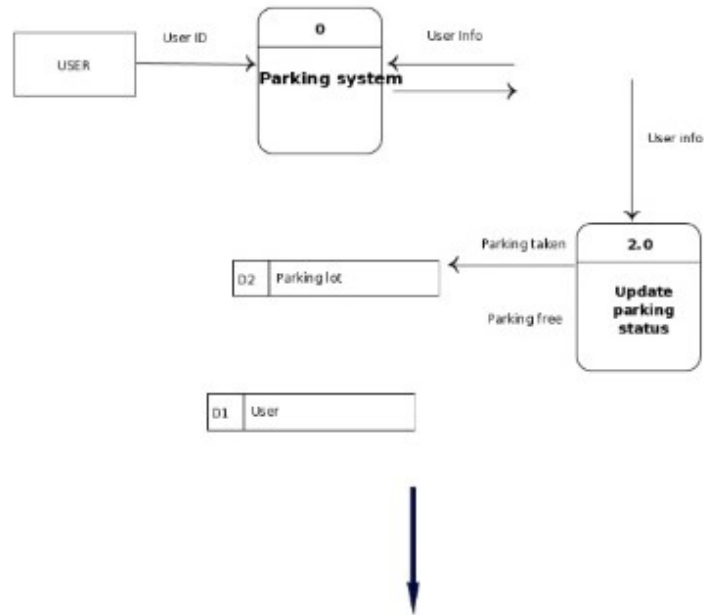
<u>LIST OF MODULES□</u>
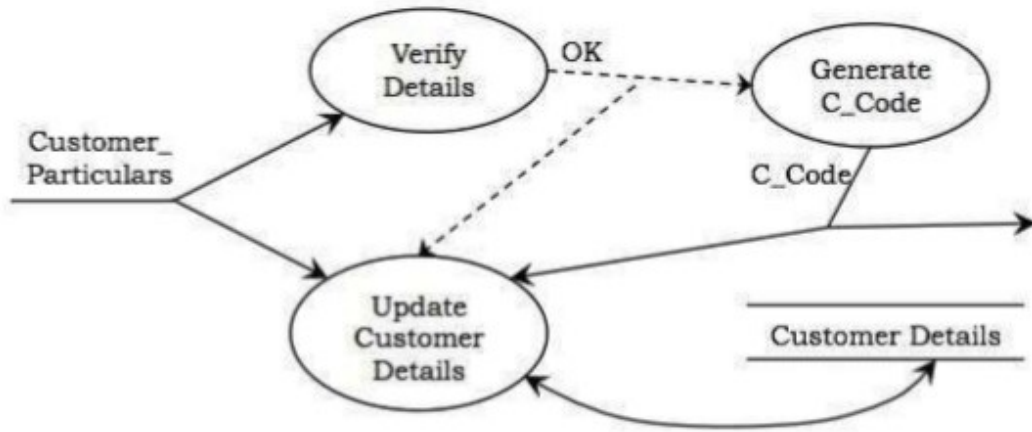
(i)Admin/ Guard Module

(ii)User Module

(iii)Payment Module

DATA FLOW DIAGRAM(DFD)

Level 0 DFD (Context level DFD)

Level-1 DFD - Customer

DFD of Customer Process

DATABASE

Table Name : Register

Function: Displays user details.

Fields	Data Type
Mobile No	Number
Name	Varchar2
Email	Varchar2
License	Varchar2
Car No	Varchar2

Table Name: Booked Slot Table

Function: Display cars information after booking the slot

Fields	Data Type
Car No	Varchar2
Duration	Varchar2
Floor No	Varchar2
Slot No	Varchar2