Smart Parking System

User

Login/Signup

Data Not Matched

Authentication from the Database /Data Storage

Data Matched

Parking Location (Nearest Location derived from Google map) and slot details (Vehicle Type , Parking Duration , Parking Time ,Parking rate)

The particular location slot would be selected keeping in mind the charging left , the nearest location and the fuel left .

User would be able to see all the booked slots and the remaining slots on the website.

Checking for available slot

Wait for the available slots / Exit the Portal

Slots Available

Booking the Slot

Slot Booked

A unique 10 digit Booking Id would be generated through which admins would be able to keep track of the various bookings.

Booked Slot is being reflected in the database for the specified time and duration.

Parking Owner

Login /SignUp

Data being stored in the Database / Authentication Request

Land Details pricing details for negotiation with the admin.

Waiting for the Request Approval by the admins.

Parking Manager

Verify the land for the approval and convey the respective message to the portal admin.

Responsible for the maintenance , security and workforce management .

Portal Admin

Monitor all the users details and the technical faults which might occurs at the parking site.