Database Diagram

Friday, August 18, 2023

11:26 AM

Ink Drawings
employee
User ID
Username
Role
Name 
Email
Phone number
Ink Drawings
Credential
User ID
Username
Password
Ink Drawings
Ink Drawings
Customer
customer name
email address
phone number
Vehicle number
Vehicle type
time_in
time_out
Ink Drawings
Parking Space

Floor Number
Capacity
Ink Drawings
Slots
Slot Number
Floor Number
Vehicle Number
Vehicle Type
Time When Parked
Time When Left
Ban (True/False)

Ink Drawings
Ink Drawings
Ink Drawings
Ink Drawings
Ink Drawings
Ink Drawings
Ink Drawings
Ink Drawings
Charges
Vehicle Type
Charge per hour
Ink Drawings


Project Class Diagram

Ink Drawings
Ink Drawings
Operator
Admin
Ink Drawings
Login
Get credentials()
Validate credentials()
Update Credentials()
Parking Space
Ink Drawings
Add Space()
Check existing parkings()
Remove Space()
Modify Space()
Allow_Ban_Parking_Slot()
get_available_space()
Assign slot()
Un-Assign Slot()
Ink Drawings
Billing
get_billing_table()
Ink Drawings
Customer
customer name
email address
phone number
vehicle number
vehicle type
time_in
time_out

add customer()
modify customer()
delete customer()


vehicle entry()
Vehicle exit()
Update Credentials()
Assign slot()
Un-Assign Slot()


Ink Drawings
Ink Drawings
Ink Drawings
Ink Drawings
Ink Drawings
Employee
name
email address
phone number
username
Password
role
Ink Drawings
Ink Drawings
Ink Drawings
Add Space()
Remove Space()
Modify Space()
Allow_Ban_Parking_Slot()
get_billing_table()
set_billing_table()
modify_billing_table()
Add Credentials()
Update Credentials()

Ink Drawings
Driver
Admin menu()
Operator menu()
Ink Drawings
Ink Drawings
Ink Drawings
Ink Drawings
Friday, August 18, 2023
10:17 AM
  
Ink Drawings
get_billing_table()
set_billing_table()
modify_billing_table()
generate_bill()

Ink Drawings
Ink Drawings
Ink Drawings


Project: Parking Management System

Wednesday, August 2, 2023

10:17 AM

Parking management system provides parking facilities ease of having a system where they can manage everything related to their Parking Space.

Roles based Access :

|  |  |
| --- | --- |
| Login: | Admin |
|  | Operator |

|  |  |  |
| --- | --- | --- |
| Actors : | Admin | Operator |
|  | * 1. Add Space   2. Modify Space   3. Modify Charges on a Vehicle Category   4. View Parking Space Details   5. Ban Specific Slots   6. Unban Slots   7. View Banned Slots | * 1. Add Vehicle   2. Assign Slot   3. Un-assign Slot   4. View Parking Space Details |

Abhijeet Singh Hada

