

Vehicle Record Management System

About VRMS - The Digital Parking

The services provided by **VRMS - The Digital Parking** have become the essence of building smart cities. This paper focused on implementing an integrated solution for Digital Parking. The proposed system has several advantages, including detecting parking spaces using the Internet of Things and calculating the time of entry and exit and calculating the expected cost. An attractive and effective application was designed for Android mobile phones.

An online Motor Vehicle Coordination system, "The Digital Parking" is designed for coordination of stolen and recovered motor vehicles. Police, Regional Transport Offices, parking vendors and Vehicle Owners are the Beneficiary's of this system.

The Digital Parking is a tool to share information regarding security, sensitive activity monitoring, and parking management with our system.

Digital Parking continues to work in solutions with **State Police**, Traffic Police, Municipal Corporation, City Development Authority, Department of Tourism, Government and Private health organization, Malls, Cinema, Hotels, Paid and free parking spots, Organization/Company parking zone. It's a mandatory system to solve vehicles activity cases which are involved in crime and case resolution and monitored by Rajasthan Police. This system will make reporting stolen, unclaimed or illegally parked vehicles to the police more convenient for people. This system will streamline the whole process.

Key Features Of VRMS - The Digital Parking System

- ✓ **Coordination on stolen and recovered motor vehicles**
- ✓ **Sustained Growth in Parking Revenue with AI System**
- ✓ **Complete Control on Parking Staff**
- ✓ **Self Parking by Vehicle Owner**
- ✓ **Data Store for One month to One Year**
- ✓ **Instant Inquiry about Older Parked Vehicles**
- ✓ **Monthly Pass Management**
- ✓ **Hourly Pass Management**
- ✓ **Staff Wise Daily Reports**
- ✓ **Vehicle Wise Daily Reports**
- ✓ **Pre Booking Management**
- ✓ **Digital Transaction Management**
- ✓ **Printed /Digital Tokens to Parking User**
- ✓ **Auto Email of Daily Reports and Customized reports**
- ✓ **Wanted Notification**
- ✓ **Block Vehicle management**
- ✓ **Dynamic fair Setup through system**
- ✓ **Auto Accounting and Audit Reports**

Admin - Dashboard

Digital Parking - Demo
₹ 8,230.00

Dashboard
Fare Info
Monthly Pass
Check-IN
Block Vehicles
My Wallet
All Staffs
Account

Dashboard
The Digital Parking Dashboard

Total Parking Vehicles

67

Total Park Out Vehicles

55

Today Parking

0

June Parking

19

Total Active Pass

0

Active Pass in June

0

Total Online Bookings

0

Online Bookings in June

0

PARKING PAYMENTS

RECENT PARK IN VEHICLES

- 17-06-2021 01:20 PM
Digital Parking - Demo: (1E18975)
- 15-06-2021 11:26 AM
Digital Parking - Demo: Ganesh jangid (RJ14JP7284)
- 15-06-2021 10:48 AM
Digital Parking - Demo: (17905)
- 15-06-2021 10:33 AM
Digital Parking - Demo: (100058)
- 15-06-2021 10:32 AM
Digital Parking - Demo: (15789)

JUNE MONTH PARK IN - OUT

In
 Out

RECENT PARK OUT VEHICLES

- 15-06-2021 11:24 AM
Digital Parking - Demo: (16756)
- 15-06-2021 10:47 AM
Digital Parking - Demo: (16899)
- 15-06-2021 10:24 AM
Digital Parking - Demo: (107688)
- 15-06-2021 10:24 AM
Digital Parking - Demo: (163865)
- 15-06-2021 10:55 AM
Digital Parking - Demo: (13668)

WEEKLY PARK IN - OUT (21-06-2021 TO - 27-06-2021)

RECENT PAYMENT RECEIVE

Name	Mobile Number	Vehicle Number	Vehicle Type	Amount	Transaction Type	Date	
		TEST8975	2W	0	Cash	17-06-2021 01:20 PM	View Details
Ganesh jangid	7728029388	RJ14JP7284	2W	10	Cash	01-01-1970 08:03 AM	View Details
		DEMO1001	2W	0	Cash	15-06-2021 11:25 AM	View Details
		16758	2W	0	Cash	15-06-2021 11:24 AM	View Details
		16758	2W	10	Cash	15-06-2021 11:24 AM	View Details
		13668	2W	10	Cash	15-06-2021 10:55 AM	View Details
		17905	4W	50	Cash	15-06-2021 10:48 AM	View Details
		16899	4W	50	Cash	15-06-2021 10:47 AM	View Details
		16899	4W	0	Cash	15-06-2021 10:37 AM	View Details
		100058	4W	0	Cash	15-06-2021 10:33 AM	View Details

© 2021 The Digital Parking.

Admin - Monthly Pass

Digital Parking - Demo 8,230.00

[Dashboard](#) [Fare Info](#) [Monthly Pass](#) [Check-IN](#) [Block Vehicles](#) [My Wallet](#) [All Staffs](#) [Account](#)

All Monthly Pass The Digital Parking [All Monthly Pass](#)

Start Date: Submit

Show entries

Search:

S.No.	Vehicle No	Customer Name	Company	Start / End Date	Issuing Date	Grace Date	Amount	Payment Type	Status
12	RJ14JW2065 (2W)	(900I2I3344)	TOONPUR	Start : 09-11-2020 To : 30-11-2020	09-11-2020		210	Cash	Expire
382	RJ14JW2065 (2W)	(900I2I3344)	BTH	Start : 23-10-2020 To : 31-10-2020	19-09-2020		0	Cash	Expire
Total Amount							2790		

Showing 1 to 2 of 2 entries (filtered from 1,216 total entries)

Previous 1 Next

© 2021 The Digital Parking.

Admin - Parking History

Digital Parking - Demo 8,230.00

[Dashboard](#) [Fare Info](#) [Monthly Pass](#) [Check-IN](#) [Block Vehicles](#) [My Wallet](#) [All Staffs](#) [Account](#)

Parking History The Digital Parking [Parking History](#)

Start Date: Submit Export CSV Export PDF

Show entries

Search:

S.No.	Booking ID	Vehicle Number	Customer	In	Out	Duration	Amount	Staffs	Book Type	Status
1	52946	TEST8975 (2W)		17-06-2021 01:20 PM		6 Day 21 Hrs 22 Mins	0	In : demo5	Direct	In
Total Amount							6778			

Showing 1 to 1 of 1 entries (filtered from 67 total entries)

Previous 1 Next

© 2021 The Digital Parking.

Admin - Staff Wise/ Vehicle Wise Report

Digital Parking - Demo 8,230.00

Dashboard
Fare Info
Monthly Pass
Check-IN
Block Vehicles
My Wallet
All Staffs
Account

Staff Wise Report

The Digital Parking Staff Wise Report

Submit

S.No.	Staff Name	Booking Type	Total Vehicle	In	Out	In Amount	Out Amount	Final Amount
1	demo8	Direct	13	13	4	50.00	80.00	130.00
2	demo8	Staff/Free Vehicle	2	2	1	0.00	0.00	0.00
3	demo6	Direct	1	1	1	10.00	0.00	10.00
4	demo6	Vehicle Pass	1	0	1	0.00	0.00	0.00
5	demo5	Direct	1	1	0	0.00	0.00	0.00
6	demo1	Direct	1	1	1	4.00	0.00	4.00
7	demo1	Vehicle Pass	1	1	0	10.00	0.00	10.00
Total Payment			20	19	8	74.00	80.00	154.00

© 2021 The Digital Parking.

Digital Parking - Demo 8,230.00

Dashboard
Fare Info
Monthly Pass
Check-IN
Block Vehicles
My Wallet
All Staffs
Account

Vehicle Type Wise Report

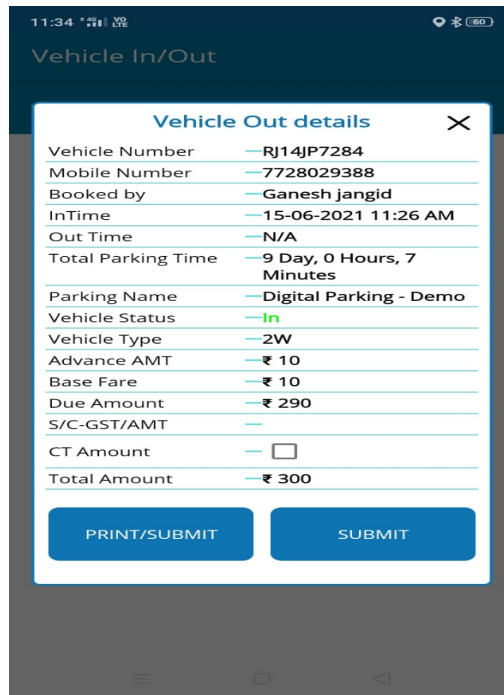
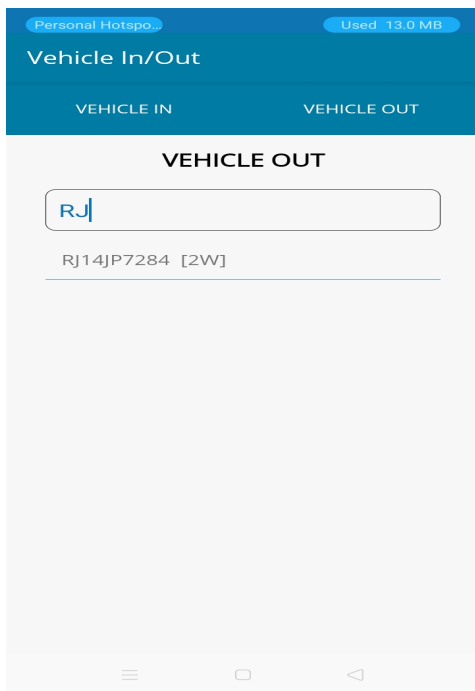
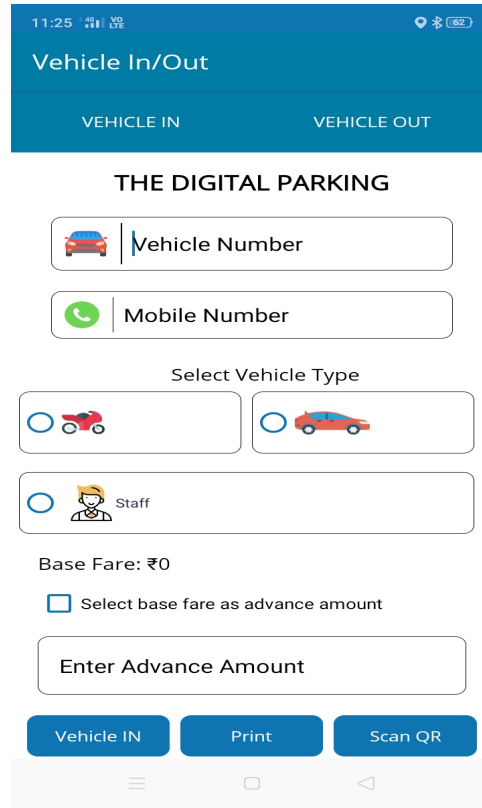
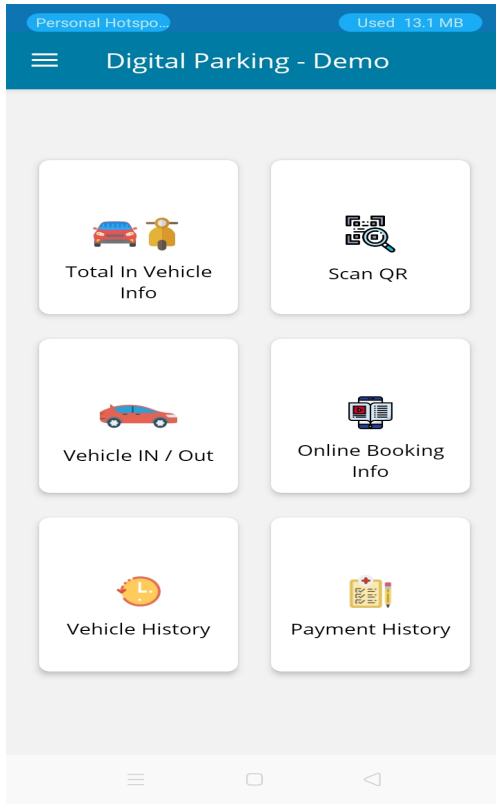
The Digital Parking Vehicle Type Wise Report

Submit
Export PDF

S.No.	Vehicle Type	Booking Type	Total Vehicles	In	Out	Amount	GST (18%)	Total Amount
1	2W	Direct	9	5	4	32.80	7.20	40.00
2	2W	Vehicle Pass	1	0	1	8.20	1.80	10.00
3	4W	Direct	8	6	2	85.28	18.72	104.00
4	4W	Staff/Free Vehicle	2	1	1	0.00	0.00	0.00
Total Amount Received			20	12	8	126.28	27.72	154.00

© 2021 The Digital Parking.

Parking Android Application



Vehicle Histroy ↻

Enter Vehicle Number Submit

Vehicle Out details

Vehicle Number —TEST8975

Mobile Number —NA

Booked by —demo5

InTime —17-06-2021 01:20 PM

Out Time —NA

Total Parking Time —6 Day, 22 Hours, 7 Minutes

Parking Name —Digital Parking - Demo

Vehicle Status —In

Vehicle Type —2W

Advance AMT —₹ 0

Base Fare —₹ 10

Due Amount —₹ 210

S/C-GST/AMT —NA

Total Amount —₹ 210

Print Receipt Out

Vehicle Out details

Vehicle Number —RJ14JP7284

Mobile Number —7728029388

11:27 4G LTE 📍 BT

Get Payment History

01-05-2021 24-06-2021

Submit

Parking Name: Digital Parking - Demo

Staff Name: demo5

Address: BTH Jaipur

Report Date: 01-05-2021 To 24-06-2021

Vehicle Type	Total Count	₹Total Amount
2W	1	₹0
Total	1	₹0

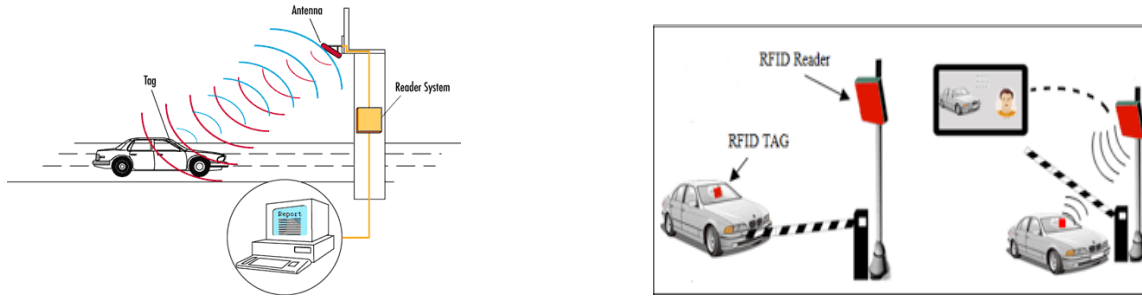
Print Payment Slip

Supported Devices with VRMS - Digital Parking



DYAMA





The **RFID Digital Parking Control System** is a control and monitoring system designed for use at residential condominiums, gated communities, business parking garages, university parking areas, and hospitality or retail centers. The system is powered by three key components:

1. Digital Parking Control Software
2. Digital Parking RFID Vehicle Tags (hang tags and windshield tags)
3. Digital Parking RFID Readers

These three components work together to provide vehicle parking control, and is highly customizable to fit the requirements of any parking facility. The Parking Control System ensures access is only granted to authorized vehicles in three simple steps. Here's how:

STEP 1:

RFID Vehicle Tags are assigned to all vehicles.

STEP 2:

Readers are installed at entry and exit points within the parking facility. When vehicles approach, the Readers "read" the signals being broadcasted by the RFID Tags displayed on each vehicle.

STEP 3:

RFID Vehicle Tag transmits data, and this information is then imported into the Parking Control Software. The software tells the system to grant access to the vehicle, records their activity, and can even trigger surveillance cameras at the entry/exit points or log and bill back parking charges to the customer. This is all accessed through an easy-to-use interface.

VRMS - The Digital Parking and Solutions

Cloud - Developed in-house, Cloud is our sophisticated, powerful and innovative web-based service platform that gathers and processes information. Service Packs Using our **Digital Parking Cloud** API interface, our tailored service pack provides you access to real-time information and events on your site.

Parking Apps - Our app, The Digital Parking, shows motorists clear, real-time guidance and payment and our embeddable map allows visitors to pre-plan their journey. Parking staff apps provides Parking management solution.

Parking Pass - A parking pass entry and exit will be provided by the people for parking their vehicles at parking spots. The pass will be given based on information like vehicle number, vehicle model and color, driving license of the driver and other personal information for security reasons.

Digital Payment- The payment for parking will be done according to the parking meter displaying the duration of entry and exit. The parking meters operating through wireless connectivity are built with technologies making payment by debit, credit or e-wallets easier. For a free toll crossing, smart tags can also be issued for the vehicles to make the crossing faster as automatic scanning of tags will be done, giving a go to the vehicles quickly. Fines will also be imposed on the vehicles that breaching the parking rules.

E-parking- Through this, people will be able to reserve a parking spot for their convenience in reaching and parking to the spot without any trouble. E-pass will be issued to them and they can avail the information through their phones via the internet.

- Parking space will be better utilized for the vehicles with safety ensured.
- Information regarding parking spots can be gained beforehand which will reduce the time of commute for people.
- No problems are to be faced in finding the vacant spots as that information is available at the toggle of a button.
- Vacant spots can be reserved beforehand so that time is saved.
- With all the necessary information on the system, future parking and pricing strategies can be developed by the operators.

- Unnecessary traffic will be avoided which will ease up the task for traffic police.
- Cash changes not to be worried about as smart payment will be possible.
- Pollution will drop due to reduced vehicle emissions as a consequence of convenient parking and reduced commuting time of vehicles.

Why The Digital Parking for Smart City

Reduce Fuel Consumption - Now, you can run some extra miles by saving on the fuel to find your parking location!

Highly Secure System - Whether its about your car, or your payments, we have high standards to ensure the security of your belongings and data!

Increase Savings - Find the nearest parking with the cheapest rates and save some extra pennies. All of this while you are already saving on the fuel cost.

Effortless Payments - Choose to pay anywhere and anytime! We make it as effortless as possible because your convenience is our utmost priority.

Cut down on Emissions - Environment change is for real! Make your contribution by reducing your carbon footprint while adopting a smarter way to park.

Save Time - Advance spot booking ensures that no time is wasted in finding the parking lot and a vacant spot. Now, you can worry about your work and let us take care of the rest!

Thanks and Regards,

Support Team

The Digital Parking

Contact: 91-7410906906

(Snehlaxmi Innovative Solution Private Limited)

