

Project Report

On

Vehicle Parking Management System

ACKNOWLEDGEMENT

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Last but not least, I would like to thank friends who help me to assemble the parts and gave a suggestion about the project.

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Abstract

Vehicle Parking Management System maintains a good record of vehicles check in and checkout time. Both two wheeler & four wheeler can be managed by this system and have different pricing system.

Vehicle parking management system that enables the time management and control of vehicles by using parking number.

The system that will track the entry and exit of vehicles, maintain a listing of vehicle within the parking lot, and determine the parking and it will also determine the cost of parking of vehicle.

Introduction

Introduction:-

Vehicle Parking Management system is a web-based technology that will manage the records of the incoming and outgoing vehicles in an parking house. It's an easy for Admin to retrieve the data if the vehicle has been visited through number he can get that data. Vehicle parking management system is an automatic system which delivers data processing in very high speed in systematic manner.

In VPMS we use PHP and MySQL database. This is the project which keeps records of the vehicle which is going to park in the parking area. VPMS has two module admin and user.

ADMIN

Dashboard: In this sections, admin can briefly view the number of vehicle entries in a particular period.

Category: In this section, admin can manage category (add/update/delete).

Add Vehicle: In this section, admin add vehicle which is going to park.

Manage Vehicle: In this section, admin can manage incoming and outgoing vehicle and admin can also add parking charges and his/her remarks.

Reports: In this section admin can generate vehicle entries reports between two dates.

Search: In this section, admin can search a particular vehicle by parking number.

Admin can also update his profile, change the password and recover the password.

USERS

Dashboard: It is welcome page for an users.

View Vehicle: In this section, users view the details of vehicle parking which is parked by him/her.

Users can also update his profile, change the password and recover the password.

Purpose:-

The purpose of developing vehicle parking management system is to computerized the tradition way of parking. Another purpose for developing this application is to generate the report automatically.

Scope:-

In the modern age. Many people have vehicles. Vehicle is now a basic need. Every place is under the process of urbanization. There are many corporate offices and shopping centers etc. There are many recreational places where people used to go for refreshment. So, all these places need a parking space where people can park their vehicles safely and easily. Every parking area needs a system that records the detail of vehicles to give the facility. With the help of this system we can deliver a good service to customer who wants to park their vehicle into the any organization's premises.

Requirement Specification

Hardware Configuration :

Client Side:

RAM	512 MB
Hard disk	10 GB
Processor	1.0 GHz

Server side:

RAM	1 GB
Hard disk	20 GB
Processor	2.0 GHz

Software Requirement:

Client Side:

Web Browser	Google Chrome or any compatible browser
Operating System	Windows or any equivalent OS

Server Side:

Web Server	APACHE
Server side Language	PHP5.6 or above version
Database Server	MYSQL
Web Browser	Google Chrome or any compatible browser
Operating System	Windows or any equivalent OS

APACHE

The Apache HTTP Server Project is an effort to develop and maintain an open-source HTTP server for modern operating systems including UNIX and Windows. The goal of this project is to provide a secure, efficient and extensible server that provides HTTP services in sync with the current HTTP standards.

The Apache HTTP Server ("httpd") was launched in 1995 and it has been the most popular web server on the Internet since April 1996. It has celebrated its 20th birthday as a project in February 2015.

PHP

- PHP stands for PHP: Hypertext Preprocessor.

- PHP is a server-side scripting language, like ASP.
- PHP scripts are executed on the server.
- PHP supports many databases (MYSQL, Informix, Oracle, Sybase, Solid, Generic ODBC, etc.).
- PHP is an open source software .
- PHP is free to download and use.

MYSQL

- MYSQL is a database server
- MYSQL is ideal for both small and large applications
- MYSQL supports standard SQL
- MYSQL compiles on a number of platforms
- MYSQL is free to download and use
- How to access MySQL:

<http://localhost/phpmyadmin>

Analysis and Design

Analysis:

In present all visitors parking work done on the paper. The whole year visitor parking record is stored in the registers. We can't generate reports as per our requirements because its take more time to calculate the visitors parking report.

Disadvantage of present system:

- **Not user friendly:** The present system not user friendly because data is not stored in structure and proper format.
- **Manual Control:** All report calculation is done manually so there is a chance of error.
- **Lots of paper work:** Visitors maintain in the register so lots of paper require storing details.
- **Time consuming**

Design Introduction:

Design is the first step in the development phase for any techniques and principles for the purpose of defining a device, a process or system in sufficient detail to permit its physical realization. Once the software requirements have been analyzed and specified the software design involves three technical activities

- design, coding, implementation and testing that are required to build and verify the software.

The design activities are of main importance in this phase, because in this activity, decisions ultimately affecting the success of the software implementation and its ease of maintenance are made. These decisions have the final bearing upon reliability and maintainability of the system. Design is the only way to accurately translate the customer's requirements into finished software or a system.

Design is the place where quality is fostered in development. Software design is a process through which requirements are translated into a representation of software. Software design is conducted in two steps. Preliminary design is concerned with the transformation of requirements into data

UML Diagrams:

Actor:

A coherent set of roles that users of use cases play when interacting with the use `cases.



Use case: A description of sequence of actions, including variants, that a system performs that yields an observable result of value of an actor.



UML stands for Unified Modeling Language. UML is a language for specifying, visualizing and documenting the system. This is the step while developing any product after analysis. The goal from this is to produce a model of the entities involved in the project which later need to be built. The representation of the entities that are to be used in the product being developed need to be designed.

USECASE DIAGRAMS:

Use case diagrams model behavior within a system and helps the developers understand of what the user require. The stick man represents what's called an actor.

Use case diagram can be useful for getting an overall view of the system and clarifying who can do and more importantly what they can't do.

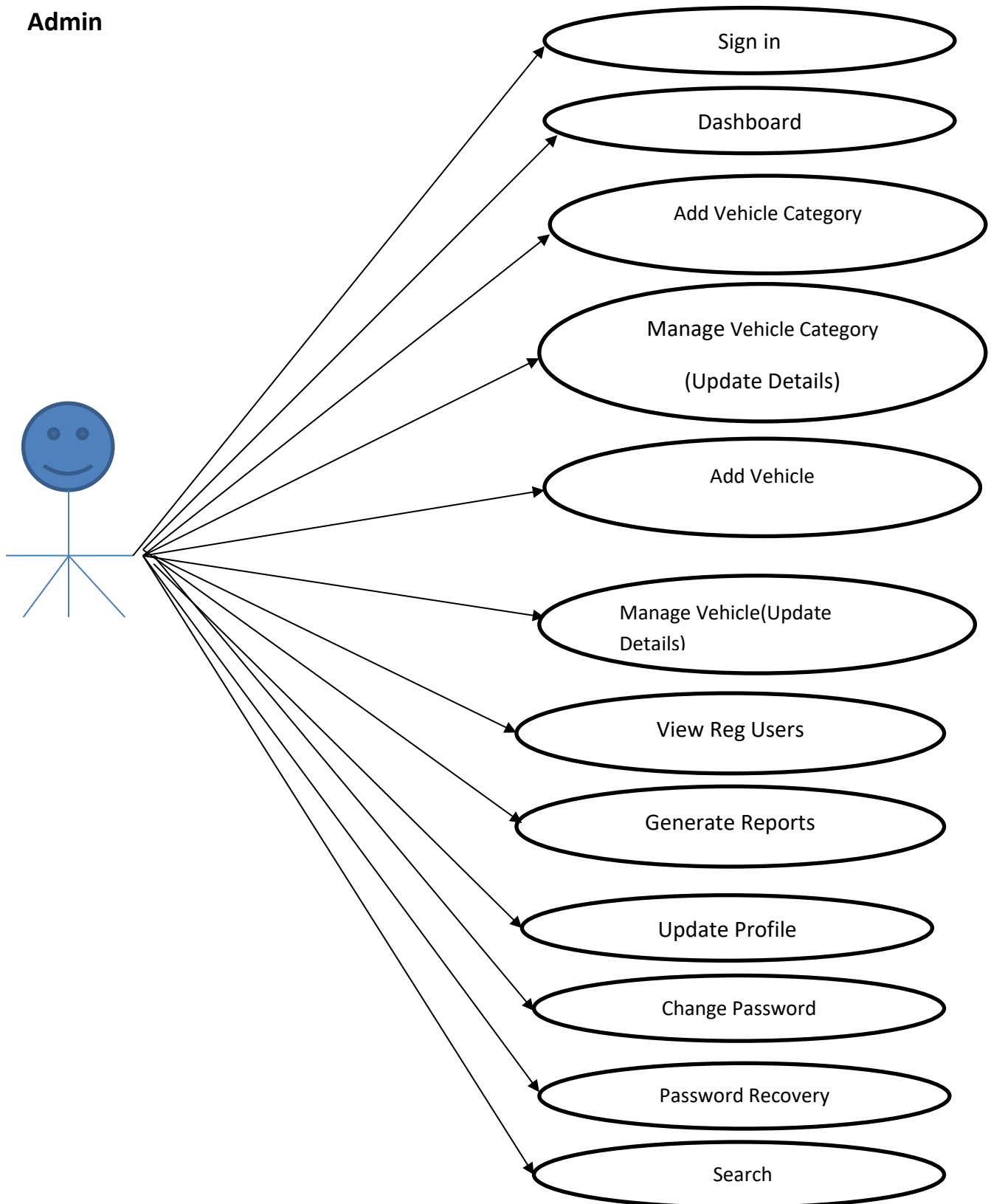
Use case diagram consists of use cases and actors and shows the interaction between the use case and actors.

- The purpose is to show the interactions between the use case and actor.
- To represent the system requirements from user's perspective.
- An actor could be the end-user of the system or an external system.

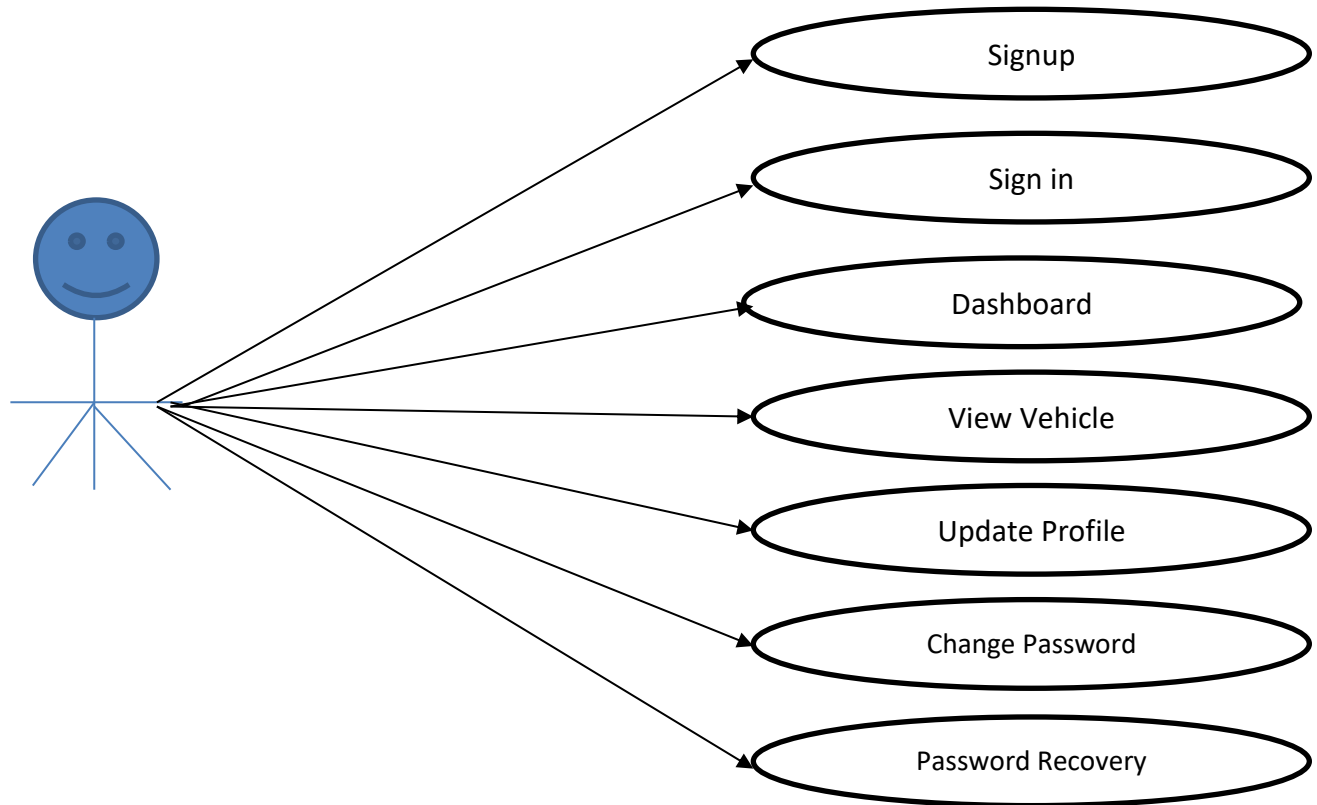
USECASE DIAGRAM: A Use case is a description of set of sequence of actions. Graphically it is rendered as an ellipse with solid line including only its name. Use case diagram is a behavioral diagram that shows a set of use cases and actors and their relationship. It is an association between the use cases and actors. An actor represents a real-world object. Primary Actor – Sender, Secondary Actor Receiver.

Use Case Diagrams:

Admin



Users



Class Diagram:

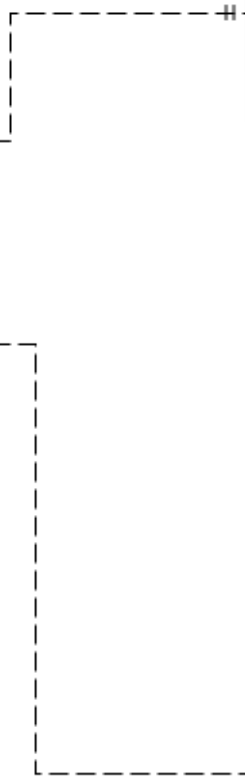
A description of set of objects that share the same attributes operations, relationships, and semantics

tblvehicle	
ID INT(10)	
ParkingNumber VARCHAR(120)	
VehicleCategory VARCHAR(120)	
VehicleCompanyname VARCHAR(120)	
RegistrationNumber VARCHAR(120)	
OwnerName VARCHAR(120)	
OwnerContactNumber BIGINT(10)	
InTime TIMESTAMP	
OutTime TIMESTAMP	
ParkingCharge VARCHAR(120)	
Remark MEDIUMTEXT	
Status VARCHAR(5)	
Indexes	

tblcategory	
ID INT(10)	
VehicleCat VARCHAR(120)	
CreationDate TIMESTAMP	
Indexes	

tbladmin	
ID INT(10)	
AdminName VARCHAR(120)	
UserName VARCHAR(120)	
MobileNumber BIGINT(10)	
Email VARCHAR(200)	
Password VARCHAR(120)	
AdminRegdate TIMESTAMP	
Indexes	

tblregusers	
ID INT(5)	
FirstName VARCHAR(250)	
LastName VARCHAR(250)	
MobileNumber BIGINT(10)	
Email VARCHAR(250)	
Password VARCHAR(250)	
RegDate TIMESTAMP	
Indexes	



ER Diagram:

The Entity-Relationship (ER) model was originally proposed by Peter in 1976 [Chen76] as a way to unify the network and relational database views. Simply stated the ER model is a conceptual data model that views the real world as entities and relationships. A basic component of the model is the Entity-Relationship diagram which is used to visually represent data objects. Since Chen wrote his paper the model has been extended and today it is commonly used for database design for the database designer, the utility of the ER model is:

- It maps well to the relational model. The constructs used in the ER model can easily be transformed into relational tables.
- It is simple and easy to understand with a minimum of training. Therefore, the model can be used by the database designer to communicate the design to the end user.
- In addition, the model can be used as a design plan by the database developer to implement a data model in specific database management software.

ER Notation

There is no standard for representing data objects in ER diagrams. Each modeling methodology uses its own notation. The original notation used by Chen is widely used in academics texts and journals but rarely seen in either CASE tools or publications by non-academics. Today, there are a number of notations used; among the more common are Bachman, crow's foot, and IDEFIX.

All notational styles represent entities as rectangular boxes and relationships as lines connecting boxes. Each style uses a special set of symbols to represent the

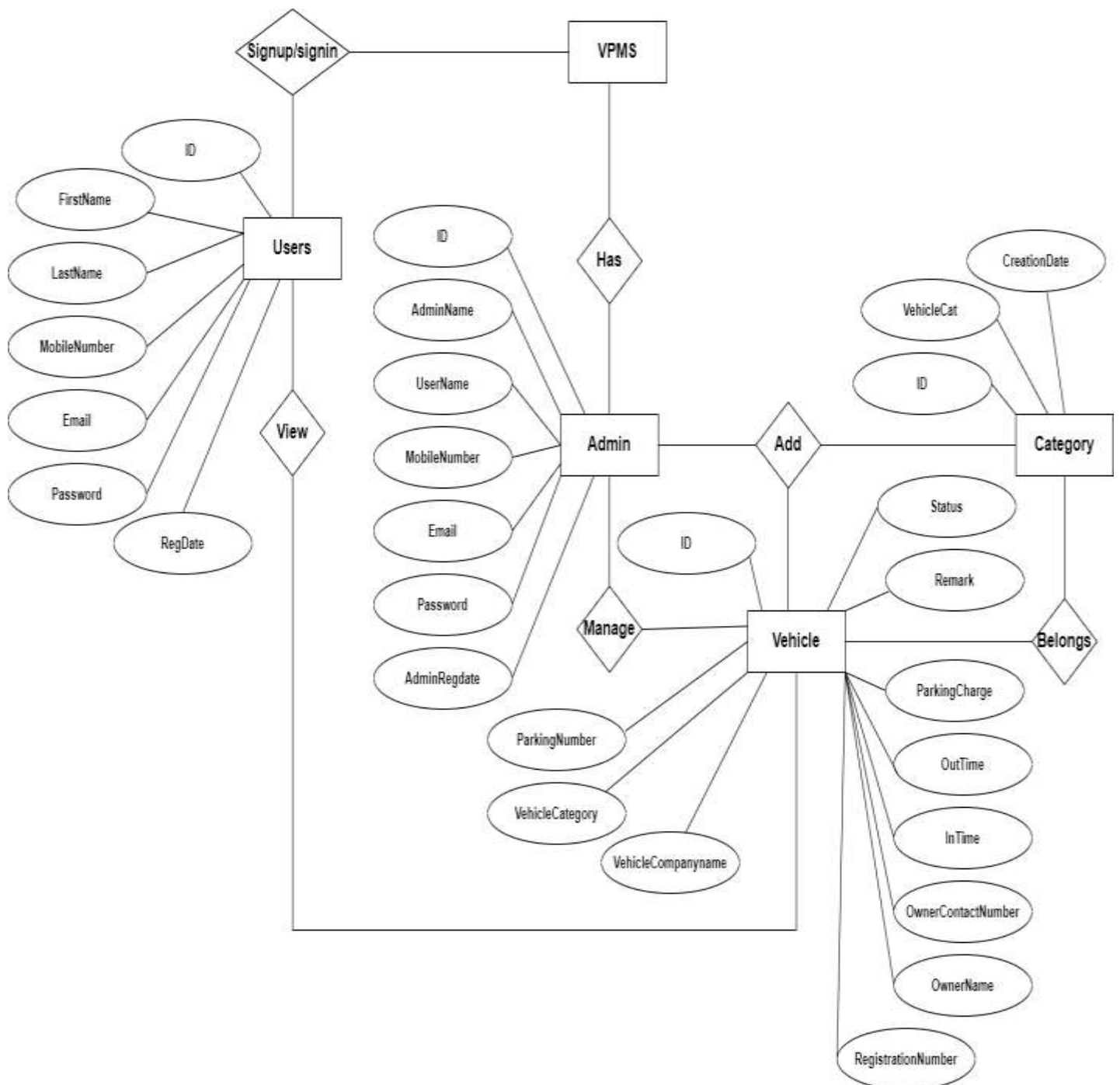
cardinality of a connection. The notation used in this document is from Martin.

The symbols used for the basic ER constructs are:

- **Entities** are represented by labeled rectangles. The label is the name of the entity. Entity names should be singular nouns.
- **Relationships** are represented by a solid line connecting two entities. The name of the relationship is written above the line. Relationship names should be verbs
- **Attributes**, when included, are listed inside the entity rectangle. Attributes which are identifiers are underlined. Attribute names should be singular nouns.
- **Cardinality** of many is represented by a line ending in a crow's foot. If the crow's foot is omitted, the cardinality is one.

Existence is represented by placing a circle or a perpendicular bar on the line. Mandatory existence is shown by the bar (looks like a 1) next to the entity for an instance is required. Optional existence is shown by placing a circle next to the entity that is optional.

ER Diagram



Data Flow Diagram

Data Flow Diagrams

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It can be manual, automated, or a combination of both.


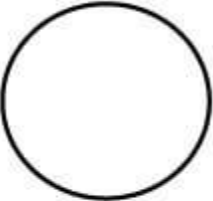

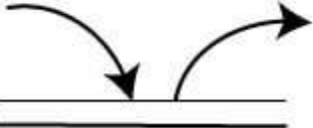
It shows how data enters and leaves the system, what changes the information, and where data is stored.

The objective of a DFD is to show the scope and boundaries of a system as a whole. It may be used as a communication tool between a system analyst and any person who plays a part in the order that acts as a starting point for redesigning a system. The DFD is also called as a data flow graph or bubble chart.

The following observations about DFDs are essential:

1. All names should be unique. This makes it easier to refer to elements in the DFD.
2. Remember that DFD is not a flow chart. Arrows in a flow chart that represents the order of events; arrows in DFD represents flowing data. A DFD does not involve any order of events.
3. Suppress logical decisions. If we ever have the urge to draw a diamond-shaped box in a DFD, suppress that urge! A diamond-shaped box is used in flow charts to represent decision points with multiple exists paths of which the only one is taken. This implies an ordering of events, which makes no sense in a DFD.
4. Do not become bogged down with details. Defer error conditions and error handling until the end of the analysis.

Standard symbols for DFDs are derived from the electric circuit diagram analysis and are shown in fig:

Symbol	Name	Function
	Data flow	Used to Connect Processes to each other, to sources or Sinks; the arrow head indicates direction of data flow.
	Process	Performs Some transformation of Input data to yield output data.
	Source of Sink (External Entity)	A Source of System inputs or Sink of System outputs.
	Data Store	A repository of data; the arrow heads indicate net inputs and net outputs to store.

Symbols for Data Flow Diagrams

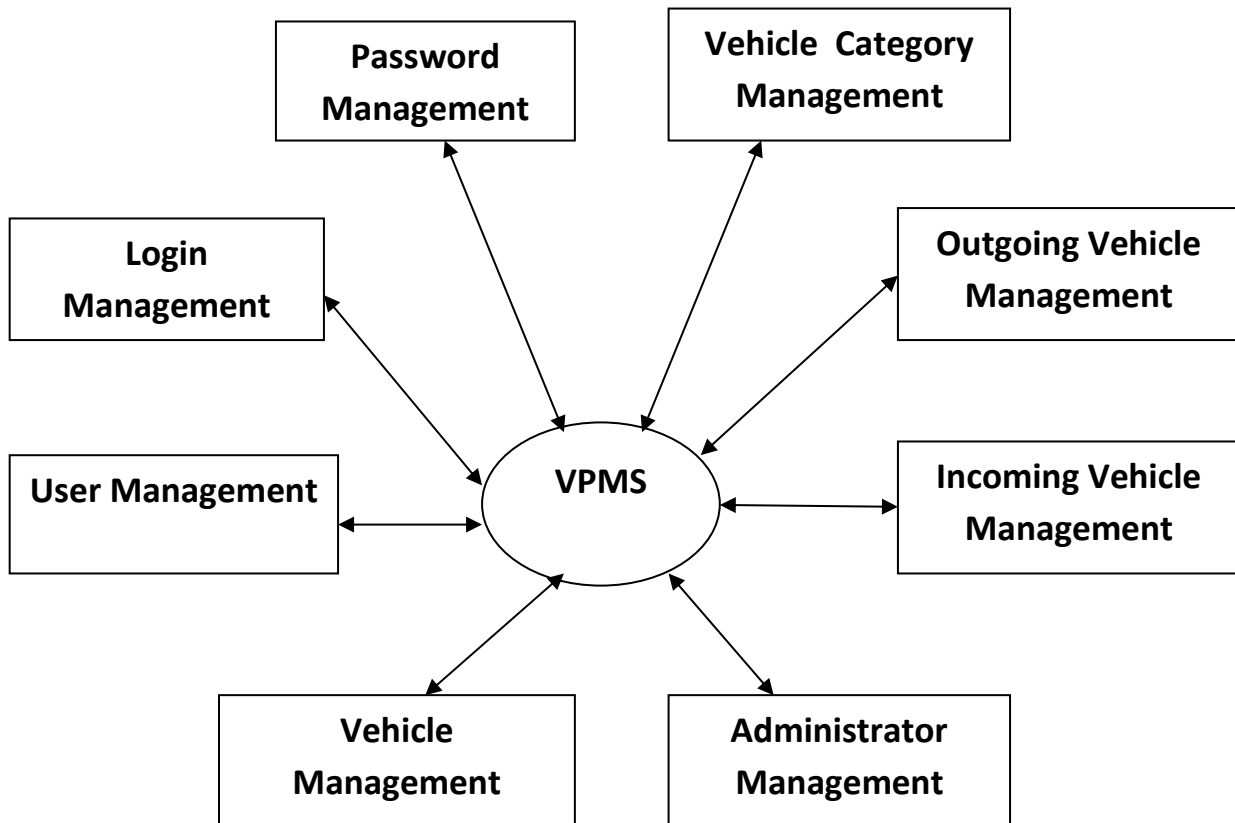
Circle: A circle (bubble) shows a process that transforms data inputs into data outputs.

Data Flow: A curved line shows the flow of data into or out of a process or data store.

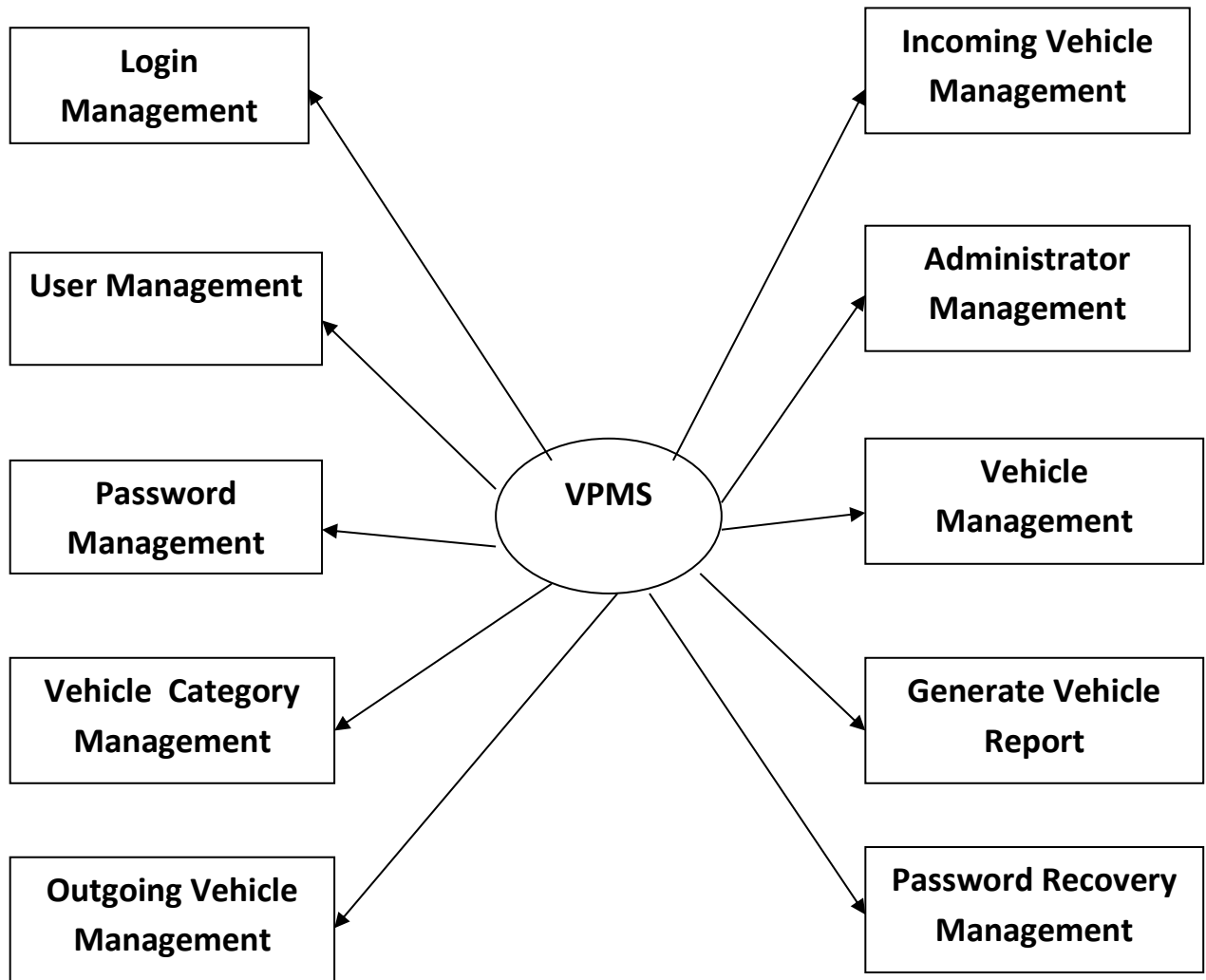
Data Store: A set of parallel lines shows a place for the collection of data items. A data store indicates that the data is stored which can be used at a later stage or by the other processes in a different order. The data store can have an element or group of elements.

Source or Sink: Source or Sink is an external entity and acts as a source of system inputs or sink of system outputs.

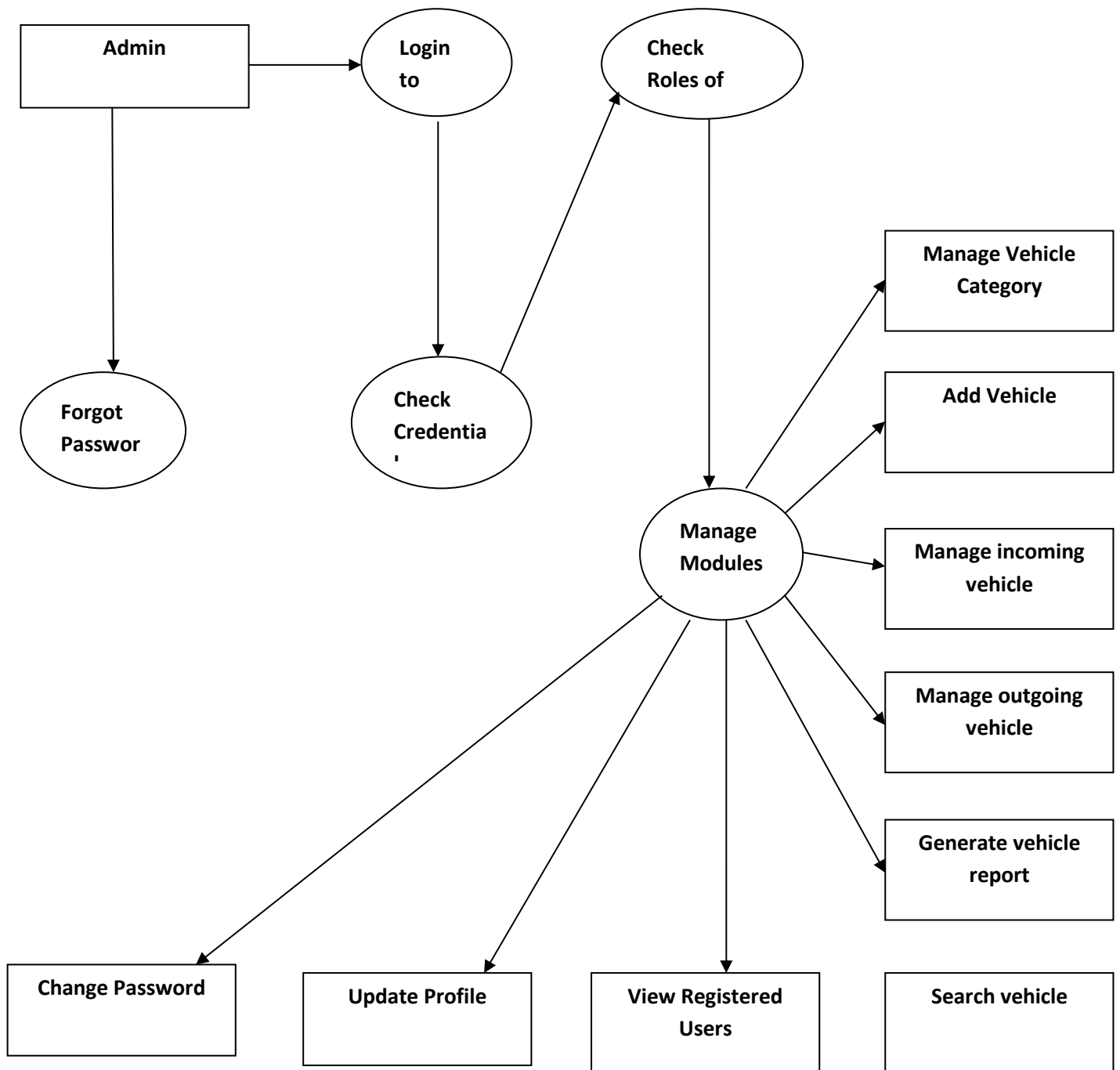
Zero Level DFD

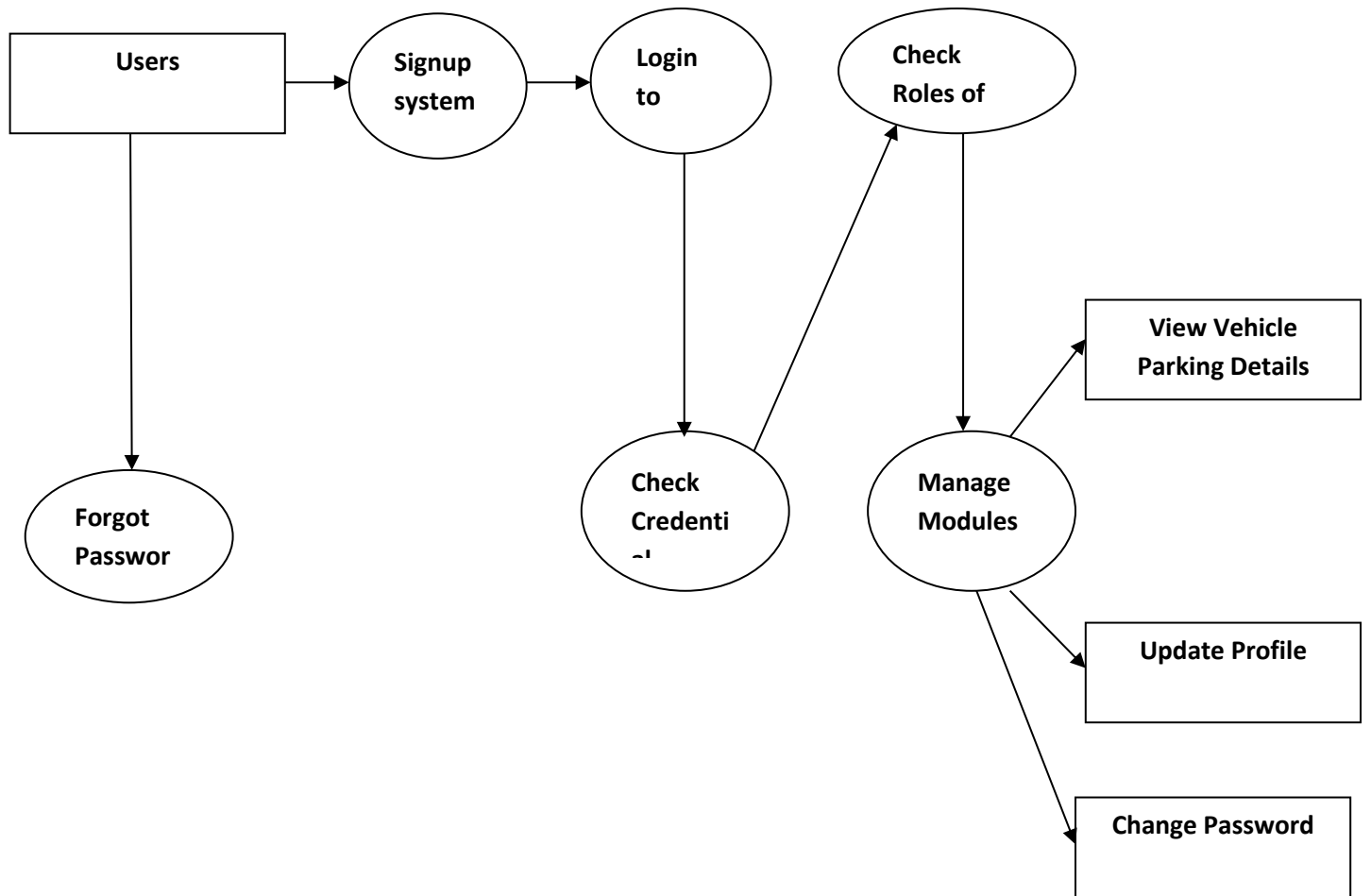


First Level DFD



Second Level DFD







MySQL Data Tables:

Admin Table:(Table name is admin)

This store admin personal and login details.


#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(10)			No	None		AUTO_INCREMENT
2	AdminName	varchar(120)	latin1_swedish_ci		Yes	NULL		
3	UserName	varchar(120)	latin1_swedish_ci		Yes	NULL		
4	MobileNumber	bigint(10)			Yes	NULL		
5	Email	varchar(200)	latin1_swedish_ci		Yes	NULL		
6	Password	varchar(120)	latin1_swedish_ci		Yes	NULL		
7	AdminRegdate	timestamp			Yes	current_timestamp()		

Category Table(Table name is tblcategory)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(10)			No	None		AUTO_INCREMENT
2	VehicleCat	varchar(120)	latin1_swedish_ci		Yes	NULL		
3	CreationDate	timestamp			Yes	current_timestamp()		


Vehicle Table: (Table name is vehicle)

This store the vehicle details and admin remark

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(10)			No	None		AUTO_INCREMENT
2	ParkingNumber	varchar(120)	latin1_swedish_ci		Yes	NULL		
3	VehicleCategory	varchar(120)	latin1_swedish_ci		No	None		
4	VehicleCompanyname	varchar(120)	latin1_swedish_ci		Yes	NULL		
5	RegistrationNumber	varchar(120)	latin1_swedish_ci		Yes	NULL		
6	OwnerName	varchar(120)	latin1_swedish_ci		Yes	NULL		
7	OwnerContactNumber	bigint(10)			Yes	NULL		
8	InTime	timestamp			Yes	current_timestamp()		
9	OutTime	timestamp			Yes	NULL		ON UPDATE CURRENT_TIMESTAMP()
10	ParkingCharge	varchar(120)	latin1_swedish_ci		No	None		
11	Remark	mediumtext	latin1_swedish_ci		No			
12	Status	varchar(5)	latin1_swedish_ci		No	None		

User Table: (Table name is tblregusers)

This table stores the details of registered users

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(5)			No	None		AUTO_INCREMENT
2	FirstName	varchar(250)	latin1_swedish_ci		Yes	NULL		
3	LastName	varchar(250)	latin1_swedish_ci		Yes	NULL		
4	MobileNumber	bigint(10)			Yes	NULL		
5	Email	varchar(250)	latin1_swedish_ci		Yes	NULL		
6	Password	varchar(250)	latin1_swedish_ci		Yes	NULL		
7	RegDate	timestamp			Yes	current_timestamp()		

Implementation and System Testing

After all phase have been perfectly done, the system will be implemented to the server and the system can be used.

System Testing

The goal of the system testing process was to determine all faults in our project .The program was subjected to a set of test inputs and many explanations were made and based on these explanations it will be decided whether the program behaves as expected or not. Our Project went through two levels of testing

1. Unit testing
2. Integration testing

UNIT TESTING

Unit testing is commenced when a unit has been created and effectively reviewed .In order to test a single module we need to provide a complete environment i.e. besides the section we would require

- The procedures belonging to other units that the unit under test calls
- Non local data structures that module accesses

- A procedure to call the functions of the unit under test with appropriate parameters

1. Test for the admin module

- **Testing admin login form**-This form is used for log in of administrator of the system. In this form we enter the username and password if both are correct administration page will open otherwise if any of data is wrong it will get redirected back to the login page and again ask the details.
- **Report Generation:** admin can generate report from the main database.

INTEGRATION TESTING

In the Integration testing we test various combination of the project module by providing the input.

The primary objective is to test the module interfaces in order to confirm that no errors are occurring when one module invokes the other module.

EVALUATION

Project URL: <http://localhost/vpms>

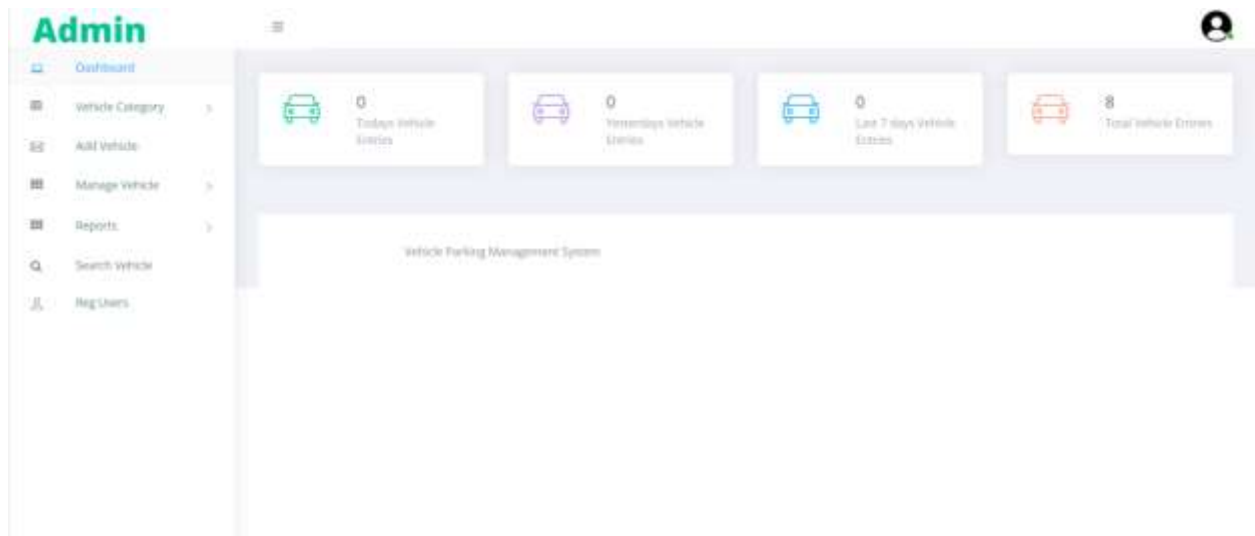
Home Page



Admin Login Page



Dashboard



Profile

The Admin Profile page shows the 'Admin Profile' section with the following fields and values:

Admin Profile	
Admin Name	Admin
User Name	admin
Contact Number	7898790798
Email	testert@gmail.com

An 'Update' button is located below the profile fields. The breadcrumb trail at the top right reads 'Dashboard / Profile / Admin Profile'. The sidebar and footer are identical to the Dashboard view.

Change Password

The screenshot displays the Admin interface for the Vehicle Parking Management System. The left sidebar contains the 'Admin' header and a menu with options: Dashboard, Vehicle Category, Add Vehicle, Manage Vehicle, Reports, Search Vehicle, and Reg Users. The main content area shows the 'Dashboard' breadcrumb and the 'Change Password' form. The form includes three input fields: 'Current Password', 'New Password', and 'Confirm Password', followed by a blue 'Change' button. The footer text reads 'Vehicle Parking Management System'.

Admin

Dashboard

Vehicle Category

Add Vehicle

Manage Vehicle

Reports

Search Vehicle

Reg Users

Dashboard

Dashboard / Change Password / Change Password

Change Password

Current Password

New Password

Confirm Password

Change

Vehicle Parking Management System

Add Category

The screenshot displays the Admin interface for the Vehicle Parking Management System. The left sidebar contains the 'Admin' header and a menu with options: Dashboard, Vehicle Category, Add vehicle, Manage vehicle, Reports, Search Vehicle, and Reg Users. The main content area shows the 'Dashboard' breadcrumb and the 'Add Category' form. The form includes a 'Category Name' input field with the text 'Vehicle Category' and a blue 'Add' button. The footer text reads 'Vehicle Parking Management System'.

Admin

Dashboard

Vehicle Category

Add vehicle

Manage vehicle

Reports

Search Vehicle

Reg Users

Dashboard

Dashboard / Category / Add Category

Add Category

Category Name

Vehicle Category

Add

Vehicle Parking Management System

Manage Category

The screenshot shows the 'Manage Category' page within an Admin dashboard. The dashboard has a sidebar with the 'Admin' title and a menu including 'Dashboard', 'Vehicle Category', 'Add Vehicle', 'Manage Vehicle', 'Reports', 'Search Vehicle', and 'Reg Users'. The main content area has a breadcrumb trail 'Dashboard / Category / Manage Category' and a table titled 'Manage Category'.

S.NO	Category	Action
1	Four Wheeler Vehicle	Edit Details
2	Two Wheeler Vehicle	Edit Details
3	Bicycles	Edit Details

At the bottom of the page, the text 'Vehicle Parking Management System' is displayed.

Update Category

The screenshot shows the 'Update Category' page within the Admin dashboard. The sidebar is identical to the previous page. The main content area has a breadcrumb trail 'Dashboard / Category / Update Category' and a form titled 'Update Category'.

The form contains a label 'Category Name' followed by a text input field containing the value 'Four Wheeler Vehicle'. Below the input field is a blue 'Update' button.

At the bottom of the page, the text 'Vehicle Parking Management System' is displayed.

Add Vehicle

Admin

Dashboard

Vehicle Category

Add Vehicle

Manage Vehicle

Reports

Search Vehicle

Reg Users

Dashboard

Dashboard / Vehicle / Add Vehicle

Add Vehicle

Select

Select Category

Vehicle Company

Vehicle Company

Registration Number

Registration Number

Owner Name

Owner Name

Owner Contact Number

Owner Contact Number

Add

Vehicle Parking Management System

Manage Incoming Vehicle

Admin

Dashboard

Vehicle Category

Add Vehicle

Manage Vehicle

Reports

Search Vehicle

Reg Users

Dashboard

Dashboard / Manage Vehicle / Manage Incoming Vehicle

Manage Incoming Vehicle

S.NO	Parking Number	Owner Name	Vehicle Reg Number	Action
1	323009884	Abhi	DEL-55776	View Print
2	522578915	Mahesh	DEL-895623	View Print
3	917725207	ABC	DL 1c RT2323	View Print

Vehicle Parking Management System

View Incoming Vehicle

Admin

Dashboard

Vehicle Category

Add Vehicle

Manage Vehicle

Reports

Search Vehicle

Reg Users

Dashboard

Dashboard / View Vehicle / Incoming Vehicle

View Incoming Vehicle

Parking Number	917725207
Vehicle Category	Two Wheeler Vehicle
Vehicle Company Name	Honda
Registration Number	DL 1c RT2323
Owner Name	ABC
Owner Contact Number	1234567890
In Time	2019-07-07 16:33:05
Status	Vehicle In

Remark :

Parking Charge:

Status :

Outgoing Vehicle

Update

Vehicle Parking Management System

Parking Receipt

Vehicle Parking receipt			
Parking Number	3230098894	Vehicle Category	Two Wheeler Vehicle
Vehicle Company Name	Active	Registration Number	DEL-55776
Owner Name	Abhi	Owner Contact Number	4654654654
In Time	2019-07-06 14:28:38	Status	incoming Vehicle



Manage Outgoing Vehicle

Admin

Dashboard

Vehicle Category

Add Vehicle

Manage Vehicle

Reports

Search Vehicle

Reg Users

Dashboard

Manage Vehicle

Manage Outgoing Vehicle

Manage Outgoing Vehicle

S.NO	Parking Number	Owner Name	Vehicle Reg Number	Action
1	521796069	Rakesh Chandra	DEL-678787	View Print
2	469052796	Pankaj	DEL-895623	View Print
3	734465023	Avinash	DEL-562389	View Print
4	432190880	Harish	DEL-451236	View Print
5	917725207	ABC	DL 1C RT2323	View Print
6	486258836	Test User	DL 1C TY2322	View Print

Vehicle Parking Management System

View Outgoing Vehicle

Admin

Dashboard

Vehicle Category

Add Vehicle

Manage Vehicle

Reports

Search Vehicle

Reg Users

Dashboard

Dashboard / View Vehicle / Incoming Vehicle

View Outgoing Vehicle

Parking Number	486258836
Vehicle Category	Two Wheeler Vehicle
Vehicle Company Name	Honda Activa
Registration Number	DL 1C TY2322
Owner Name	Test User
Owner Contact Number	1234567890
In Time	2019-07-07 17:02:02
Out Time	2019-07-07 17:02:42
Remark	Vehicle Out
Status	Out
Parking Fee	40

Vehicle Parking Management System

Vehicle Parking Receipt

Vehicle Parking receipt			
Parking Number	486258836	Vehicle Category	Two Wheeler Vehicle
Vehicle Company Name	Honda Activa	Registration Number	DL 1C TY2322
Owner Name	Test User	Owner Contact Number	1234567890
In Time	2019-07-07 17:02:02	Status	Outgoing Vehicle
Out time	2019-07-07 17:02:42	Parking Charge	40
Remark	Vehicle Out		
<div></div>			

Between Dates Reports

Admin

Dashboard

Vehicle Category

Add Vehicle

Manage Vehicle

Reports

Search Vehicle

Dashboard

Dashboard / Reports / Between Dates Reports

Between Dates Reports

From Date

dd-mm-yyyy

To Date

dd-mm-yyyy

Submit

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Vehicle Parking Management System

View Report

Admin

Dashboard

Vehicle Category

Add Vehicle

Manage Vehicle

Reports

Search Vehicle

Reg Users

Dashboard

Dashboard / Between Date Reports / Between Date Reports

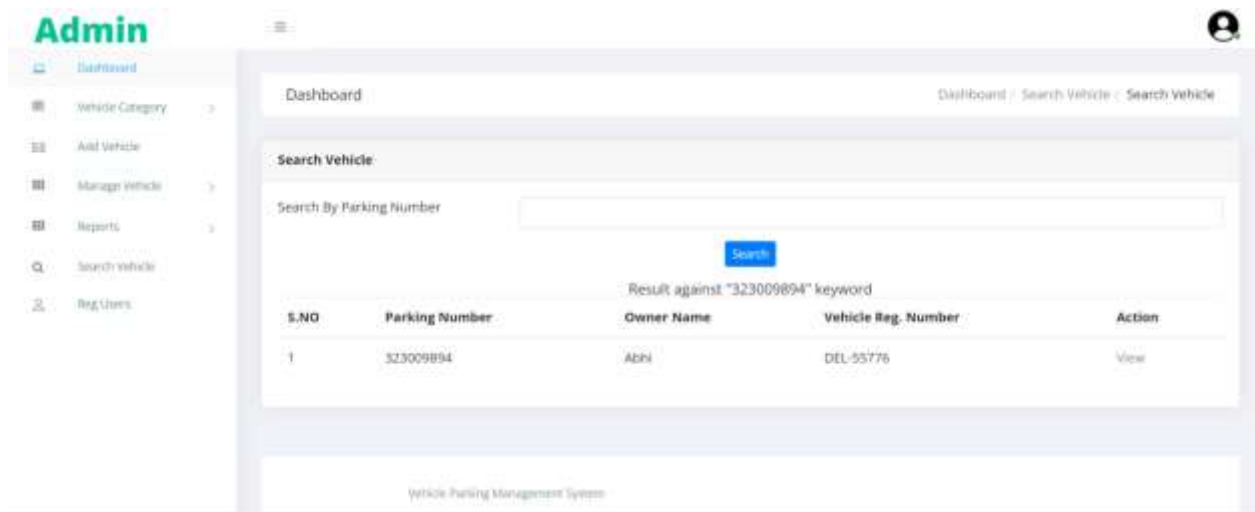
Between Date Reports

Report from 2022-04-01 to 2022-05-09

S.NO	Parking Number	Owner Name	Vehicle Reg Number	Action
1	521796069	Rakesh Chandra	DEL-678787	View
2	409052796	Pankaj	DEL-895623	View
3	734405023	Avinash	DEL-562389	View
4	432190880	Harish	DEL-451236	View
5	323009894	Abhi	DEL-55776	View
6	522578915	Mahesh	DEL-895623	View
7	917725207	ABC	DL 1c RT2323	View
8	486258836	Test User	DL 1c TY2322	View

Vehicle Parking Management System

Search Vehicle

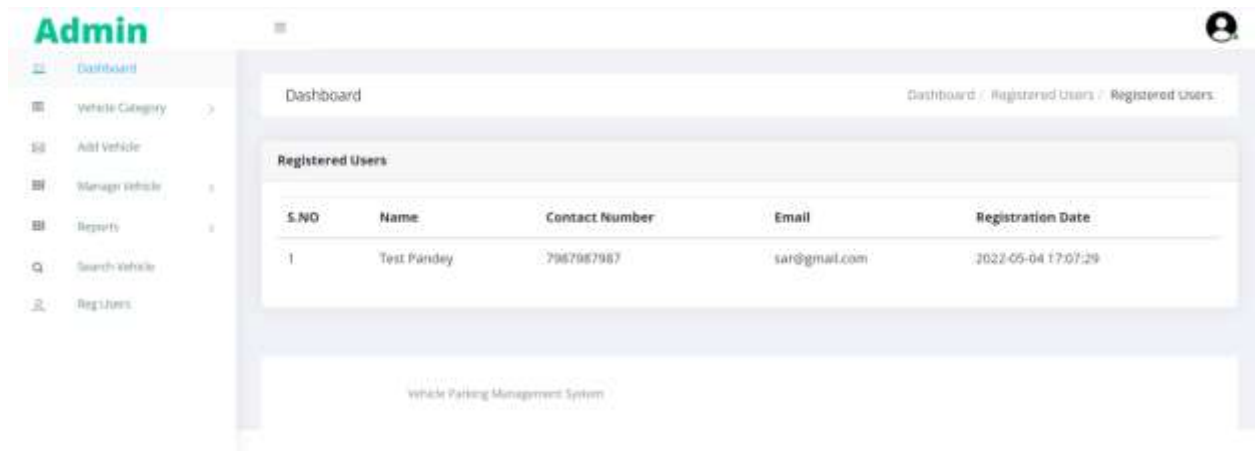


The screenshot shows the 'Admin' interface for the 'Search Vehicle' feature. The left sidebar contains a menu with 'Dashboard', 'Vehicle Category', 'Add Vehicle', 'Manage Vehicle', 'Reports', 'Search Vehicle', and 'Reg Users'. The main content area has a breadcrumb trail 'Dashboard / Search Vehicle / Search Vehicle'. Below the header, there is a 'Search Vehicle' section with a search bar labeled 'Search By Parking Number' and a 'Search' button. The results are displayed as a table with the following data:

S.NO	Parking Number	Owner Name	Vehicle Reg. Number	Action
1	323009894	Abhi	DEL-55776	View

Below the table, it says 'Result against "323009894" keyword'. At the bottom of the page, it says 'Vehicle Parking Management System'.

View Registered Users

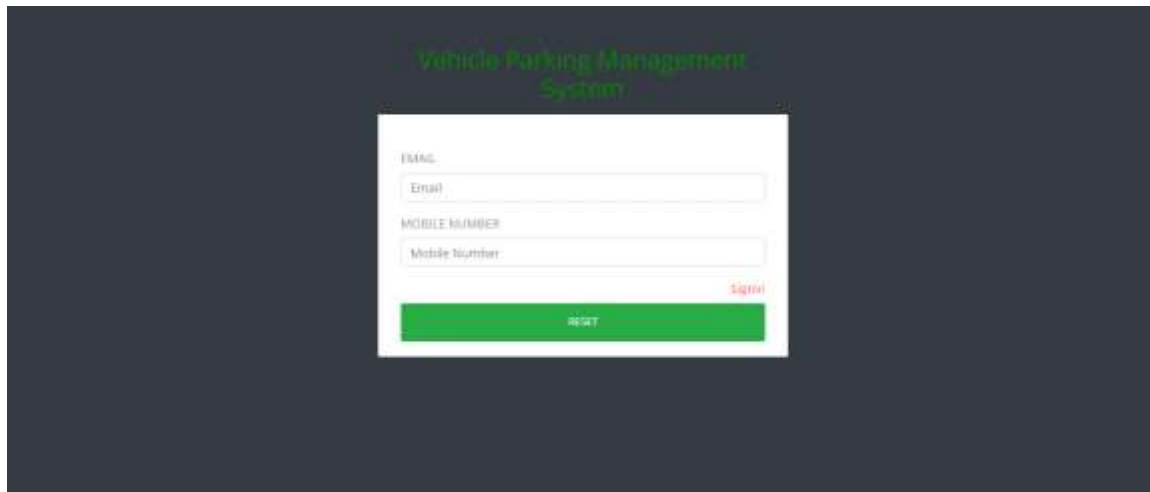


The screenshot shows the 'Admin' interface for the 'View Registered Users' feature. The left sidebar contains a menu with 'Dashboard', 'Vehicle Category', 'Add Vehicle', 'Manage Vehicle', 'Reports', 'Search Vehicle', and 'Reg Users'. The main content area has a breadcrumb trail 'Dashboard / Registered Users / Registered Users'. Below the header, there is a 'Registered Users' section with a table displaying the following data:

S.NO	Name	Contact Number	Email	Registration Date
1	Test Pandey	7967967967	sar@gmail.com	2022-05-04 17:07:29

At the bottom of the page, it says 'Vehicle Parking Management System'.

Forgot Password



The image shows a 'Forgot Password' form for the 'Vehicle Parking Management System'. The form is centered on a dark blue background. It contains two input fields: 'EMAIL' and 'MOBILE NUMBER'. Below these fields is a green 'RESET' button. A red 'Signin' link is located to the right of the 'MOBILE NUMBER' field.

Vehicle Parking Management System

EMAIL

Email

MOBILE NUMBER

Mobile Number

Signin

RESET

Reset Password



The image shows a 'Reset Password' form for the 'Vehicle Parking Management System'. The form is centered on a dark blue background. It contains two input fields: 'NEW PASSWORD' and 'CONFIRM PASSWORD'. Below these fields is a green 'RESET' button. A red 'Signin' link is located to the right of the 'CONFIRM PASSWORD' field.

Vehicle Parking Management System

NEW PASSWORD

New Password

CONFIRM PASSWORD

Confirm Password

Signin

RESET

User Sign up

VPMS!! Create Your account

FIRST NAME

Your First Name...

LAST NAME

Your Last Name...

MOBILE NUMBER

Mobile Number

EMAIL ADDRESS

Email address

PASSWORD

Enter password

REPEAT PASSWORD

Enter repeat password

Sign up

Forgotten Password?

REGISTER

Sign in

VPMS!! Sign in

REGISTERED EMAIL OR CONTACT NUMBER

Registered Email or Contact Number

PASSWORD

Enter password

Forgotten Password?

SIGN IN

Sign up (register yourself)

HOME

Dashboard

VPMS Users

Dashboard

View Vehicle

Welcome to panel !! Test Test

Vehicle Parking Management System

Profile

VPMS Users

Dashboard

View Vehicle

Dashboard / Profile / User Profile

User Profile

First Name

Test

Last Name

Test

Contact Number

7987987987

Email address

san@gmail.com

Registration

2022-03-04 17:07:29

Update

Vehicle Parking Management System

Change Password

VPMS Users

Dashboard

View Vehicle

Dashboard

Dashboard > Change Password > Change Password

Change Password

Current Password

New Password

Confirm Password

Change

Vehicle Parking Management System

View Vehicle

VPMS Users

Dashboard

View Vehicle

Dashboard

Dashboard > View Vehicle Parking Details > View Vehicle Parking Details

View Vehicle Parking Details

S.NO	Parking Number	Owner Name	Vehicle Reg Number	Action
1	521796069	Rakesh Chandra	DEL-678787	View Print

Vehicle Parking Management System

View Vehicle in details

VPMS Users

Dashboard

View Vehicle

Dashboard

Dashboard / View Vehicle / View Vehicle Details

View Vehicle details

Parking Number	S21796069
Vehicle Category	Two Wheeler Category
Vehicle Company Name	Hyundai
Registration Number	DEL-678787
Owner Name	Rakesh Chandra
Owner Contact Number	7987987987
In Time	2022-05-09 11:28:38
Status	Vehicle out
Remark	N/A
Parking Fee	50 Rs

Vehicle Parking Management System

View Parking Receipt

Vehicle Parking receipt

Parking Number	S21796069	Vehicle Category	Two Wheeler Category
Vehicle Company Name	Hyundai	Registration Number	DEL-678787
Owner Name	Rakesh Chandra	Owner Contact Number	7987987987
In Time	2022-05-09 11:28:38	Status	Ongoing Vehicle
Out time	2022-05-09 17:08:04	Parking Charge	50 Rs
Remark	N/A		

Forgot Password



The image shows a 'Forgot Password' form for a 'Vehicle Parking Management System'. The form is centered on a dark gray background. It contains two input fields: 'EMAIL' and 'MOBILE NUMBER'. Below these fields is a green 'RESET' button. To the right of the input fields is a red 'Signin' link. The title 'Vehicle Parking Management System' is displayed in green text above the form.

Vehicle Parking Management System

EMAIL

Email

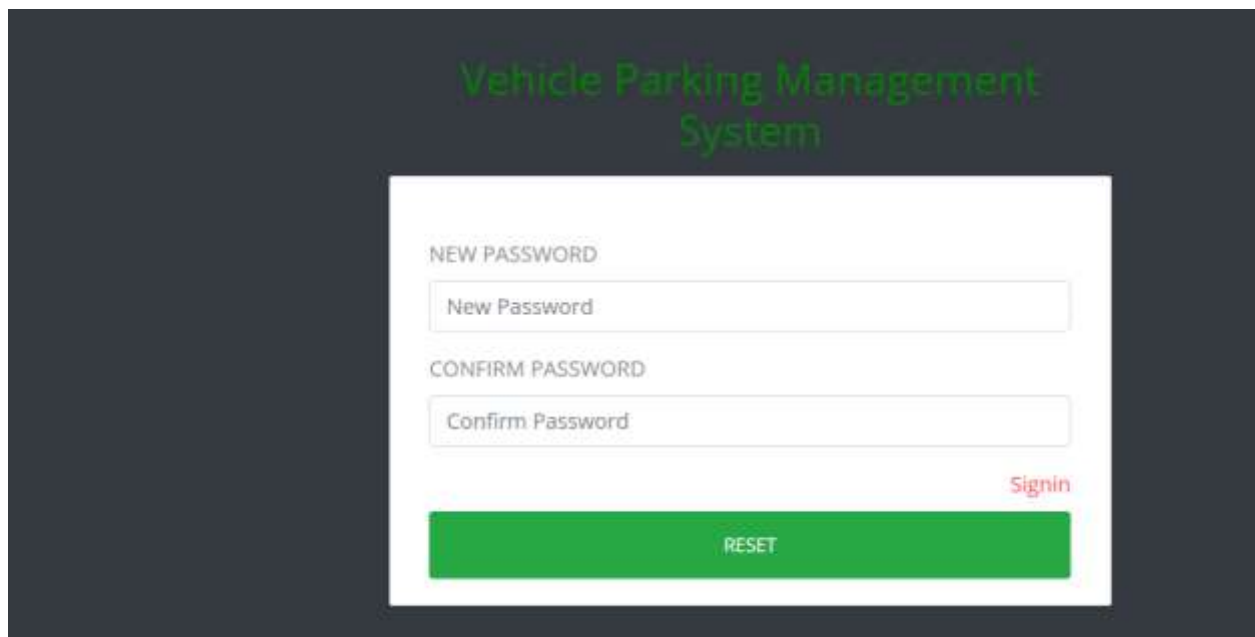
MOBILE NUMBER

Mobile Number

Signin

RESET

Reset Password



The image shows a 'Reset Password' form for a 'Vehicle Parking Management System'. The form is centered on a dark gray background. It contains two input fields: 'NEW PASSWORD' and 'CONFIRM PASSWORD'. Below these fields is a green 'RESET' button. To the right of the input fields is a red 'Signin' link. The title 'Vehicle Parking Management System' is displayed in green text above the form.

Vehicle Parking Management System

NEW PASSWORD

New Password

CONFIRM PASSWORD

Confirm Password

Signin

RESET

CONCLUSION:

This Application provides a computerized version of Vehicle Parking Management System which will benefit the parking premises.

It makes entire process online and can generate reports. It has a facility of staff's login where staff can fill the visitor details and generate report.

The Application was designed in such a way that future changes can be done easily. The following conclusions can be deduced from the development of the project.

- Automation of the entire system improves the productivity.
- It provides a friendly graphical user interface which proves to be better when compared to the existing system.
- It gives appropriate access to the authorized users depending on their permissions.
- It effectively overcomes the delay in communications.
- Updating of information becomes so easier.
- System security, data security and reliability are the striking features.
- The System has adequate scope for modification in future if it is necessary.

References

For PHP

- <https://www.w3schools.com/php/default.asp>
- <https://www.sitepoint.com/php/>
- <https://www.php.net/>

For MySQL

- <https://www.mysql.com/>
- <http://www.mysqltutorial.org>

For XAMPP

- <https://www.apachefriends.org/download.html>