

Project - CAR RENTAL SYSTEM

Objective:

- To reduce the effort of booking a car in a conventional procedure.
- To ease the search process of a customer who is in need of a car.
- To provide services to the customers in order to achieve the best customer satisfaction.
- Users who cannot drive or do not have driver license can rent cars with our drivers.
- Admin can manage the car catalog by adding or removing cars based on their availability.

Why to use our website?

- We have various types of available cars such electric,hybrid,semi and auto.
- To make safe and secure journey.
- Green cars available.
- There are some special benefits of Electric car such as free car parking, car wash and low maintenance.

Future Scope:

- As number of users increasing for renting cars and most of the companies launching electric cars as well.

Unique:

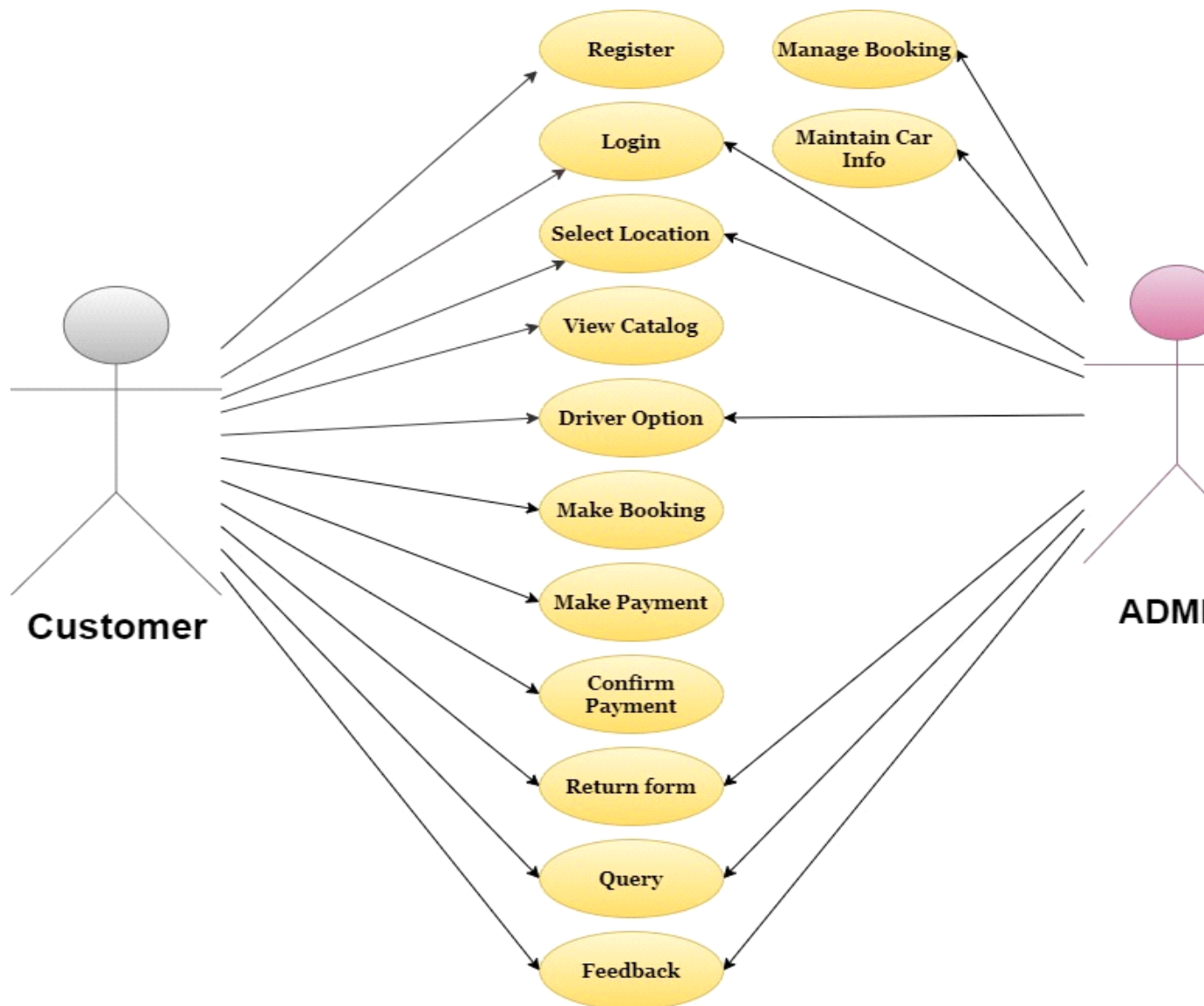
- Insurance cars
- Safe cars as we do maintenance after every ride.
- User can try new IoT technology.
- Fuel Efficient.

Specifications of system :

- **Admin:** Admin is the super user of the website who can manage everything on the website except booking.
- **Users:** Anyone can register through the registration page. After a successful registration user can log in with valid username and password.
- **Guests:** Guest user can view the website and checkout the information about rental cars. Guest users can also inquiry through contact us page.

UserCase Diagram:

Use Case Diagram is a graphical representation of the interactions among the elements of Car Rental System. It represents the methodology used in system analysis to identify, clarify, and organize system requirements of Car Rental System. A use case diagram shows various use cases and different types of users the system has and will often be accompanied by other types of diagrams as well.

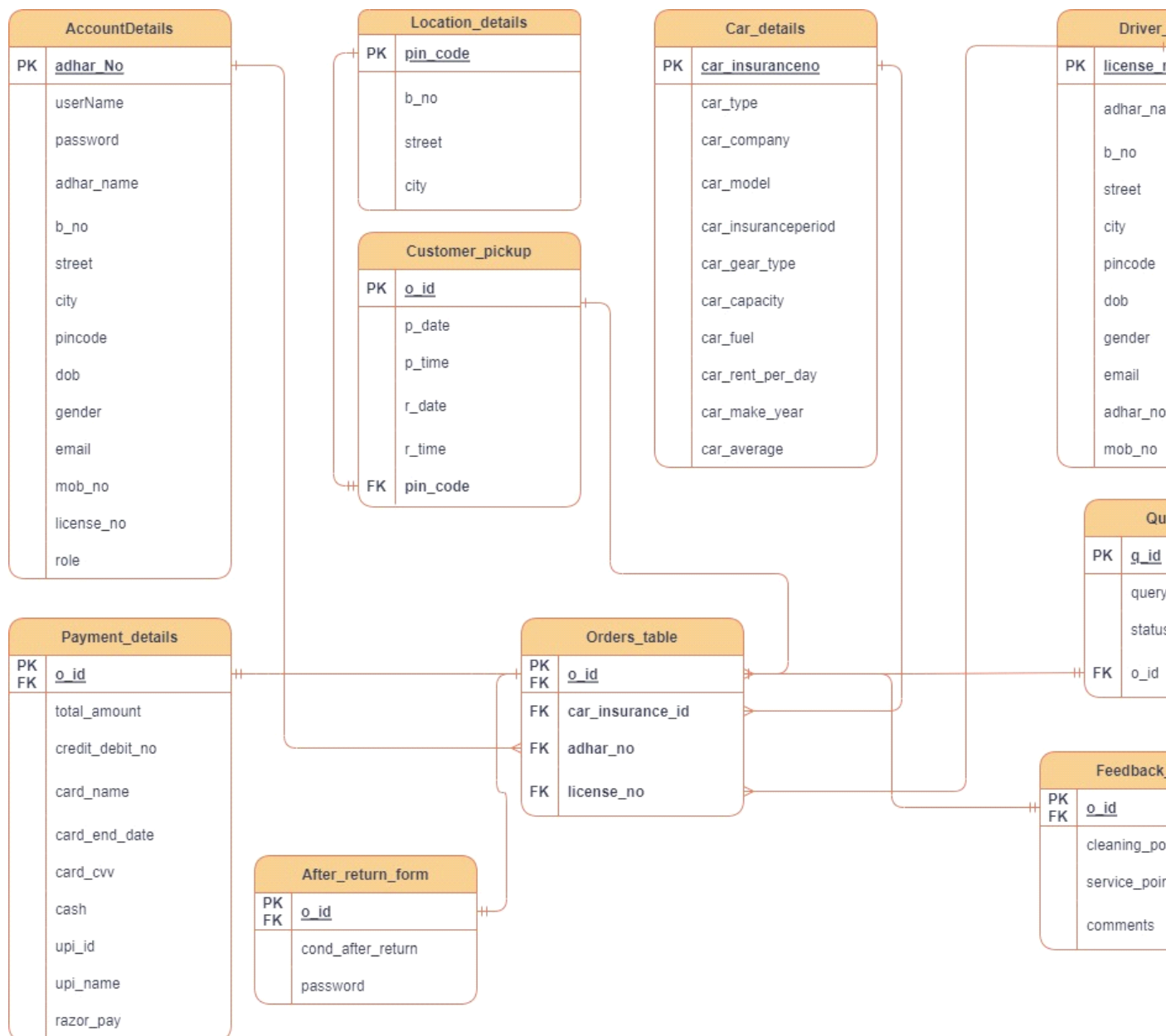


Normalization:

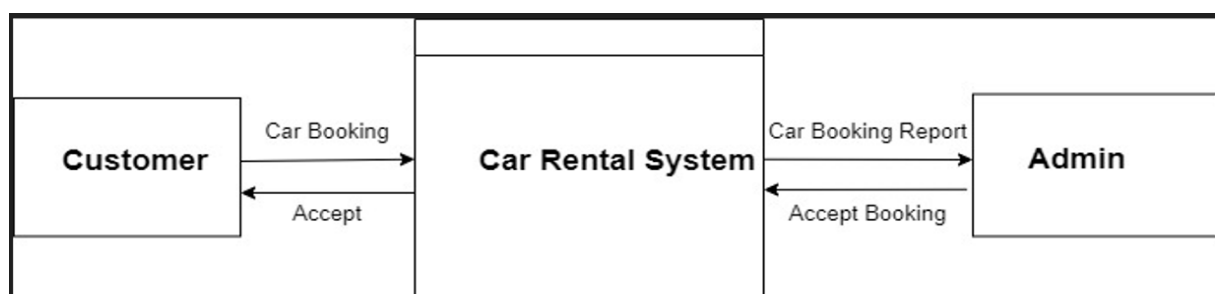
The basic objective of normalization is to reduce redundancy which means that information is to be stored only once. Storing information several times leads to wastage of storage space and increase in the total size of the data stored.

E-R Diagram:

The E-R Diagram constitutes a technique for representing the logical structure of a database in a pictorial manner. This analysis is then used to organize data as a relation, normalizing relation and finally obtaining a relation database.



DataFlow Diagram:



Platform:

Technology Used in project:


- Spring JPA as Backend
- ReactJS as Frontend
- MYSQL as a Database

UI Designs:


Home Page

Sudha Cars

https://www.sudhacars.com



Rent Car Go Far



[Log In/Register](#) [Help](#)

Date & Location

1

Pick Up

Select Location

Select Date

Select Time


Return

Select Location

Select Date


Select Time

GO NEXT



Car Details

Car Features
Top Rated of Month



How to book ride ?





Help Centre

About Us

Terms & Conditions

Contact Us :


Sudh Car

Sign In

Sudha Cars

https://www.sudhacars.com



Rent Car Go Far

Home

Search

Log In/Register

Sign In

User Name:

Password:

SIGN IN

SIGN UP

[Forgot Password?](#)




How to book ride ?

Help Centre

About Us

Terms & Conditions

Contact Us




Sudh Car

Sign Up

Sudha Cars

https://www.sudhacars.com



Rent Car Go Far

[Home](#)

[Log In/Register](#)

New User Registration

Username

Password

Full Name

Email

Mobile No

Adhar Number

Address

Submit

Clear

How to book ride ?




Help Centre

About Us

Terms & Conditions

Contact Us


Sudh Car



Sudha Cars

https://www.sudhacars.com

SUDHA CARS



Home

Search

Log In/Register

Filters

Type Of Car

Seating Capacity

Rate

Average

Search

Add On Feature

☐

Driver Required

Book Now


Select Your Car

Filters Used

Type

Capacity

Average



Car Name

4

Manual


1

9

More Vehicle Info

Rent per Day

Rs 10000



Car Name

6

Manual

2

10.5

More Vehicle Info

Rent per Day

Rs 15000




How to book ride ?

Help Centre

About Us

Terms & Conditions

Contact Us



Sudh Car