Car Rental Management System

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Abstract: *We aim to become a pioneer in the vehicle rental industry by completely focusing on customers, our employees, growth, innovation and efficiency. All of these elements will drive us towards success and show us as one company that can perform and give value for money. When it comes to cab rental services, Cool Service is the most trusted and reliable name in the travel business. The most advanced travel agents offering cab rental and car hire in India, making full use of information technology to improve the level of our efficiency. However, this is only one aspect of services. And this project continually strive to offer the best of services - both in terms of man and machine, to our clients.*
Moreover, this project has a fleet of cars ranging from luxury to budget cabs. While, it offers online cab hire service for corporate houses. And this project claim to offer the best of rates, which are tailor-made depending upon the facilities, availed and offer both intercity and intra-city cab facilities. All cabs have proper permits and documentation so that the clients couldn't be hassled for the lack of documents. However, this project has strategic backup system for any eventuality. Cab drivers are educated, polite, and reliable and are trained to handle acute breakdowns. The cab service includes all categories of cars from luxury to budget.

Keywords: car, rental, cab, vehicle rental, luxury, budget.

1.Introduction

This project has a fleet of cars ranging from luxury to budget cabs. While, it offers online cab hire service for corporate houses. And this project claim to offer the best of rates, which are tailor-made depending upon the facilities, availed and offer both intercity and intra-city cab facilities. All cabs have proper permits and documentation so that the clients couldn't be hassled for the lack of documents. However, this project has strategic backup system for any eventuality. Cab drivers are educated, polite, and reliable and are trained to handle acute breakdowns. The cab service includes all categories of cars from luxury to budget.

Further, this project's utmost priority is quality. To achieve this, vehicles are well maintained and tested for delivering optimum and uninterrupted performance. Team of professionals in the travel business enables this system to design trips that suits to all budgets and preferences of the travelers. In addition, workforce including drivers and administrative staff are well trained to discharge their duties with a lot of efficiency.

Cool cab Service is an innovative thought to simplify the Transportation problems of Employees of an organization. In the present System, Organization do maintain a person for the allocating and proper functioning of transportation .The Person appointed needs to look after the assigning and movement of cabs. Authorized person maintains the transportation details in papers, which is a tedious task if any updations or changes need to be done.

- Details are stored in Papers.
- Maintenance is a huge problem.
- Updation, changes in details is a tedious task.
- Performance is not achieved up to the requirements.

2. Functionalities and advantages of system :

- Data is Centralized which has overcome the Sharing problem in previous system.
- As data is Maintained electronically, it's easy for a person to update the details, which has overcome the tedious updation in previous system.
- Maintenance is easy and performance is good.

Mainly the system has automated the Transportation Process.

3System Working :

Overview :

We aim to become a pioneer in the vehicle rental industry by completely focusing on customers, our employees, growth, innovation and efficiency. All of these elements will drive us towards success and show us as one company that can perform and give value for money. This Service will make A manager to think of whether the transportation is expensive and maintaining quality or not.

3.1 Admin Module :

Admin is the Super user of the system, he is responsible for the creation and maintenance of the accounts to the sytem.Admin is responsible for the creation of different kind of managers.Admin looks after the maintenance of these accounts. He has a feature of getting the password of a username .

3.2 HR Manager :

In Real world,Hr manager is responsible for the human resources of employees in an organization.As Transportation is also an facilities provided to an

employee, HR is responsible for providing the transportation by cab .Here HR is Mainly used to register the employees for the cab facility ,

after registering employees,he is the person to make shifts and Batches .Totally the functionalities of HR manager is to Maintain the Employee, Shift details and Batch scheduling.

3.3 Maintenance Manager

Maintenance manager is one of the user in the system,main functionalities of this manager is to add vehicles,drivers and vendors of the vehicles.Maintenance manager is responsible for maintenance of the these details and making the spare parts billing to the vehicles. The Maintenance manager is responsible for the Spare parts billing, registering the vehicles , drivers to the vehicles, mostly the vendor details and date of purchase of vehicles. These details provide Manager whether the cabs are providing profit or loss.

3.4 Movement Manager

Movement Manager is one kind of user in the system who is responsible for the creation of Driver shift details,route details.He is responsible for the Vehicle allocation and maintenance of the tripsheets of the Cabs. Here Movement Manager has facility to search shift details and the Route details.Movement manager is not only to create but also responsible for the maintenance of the driver shift details,route details ,trip sheets and Vehicle allocated details.

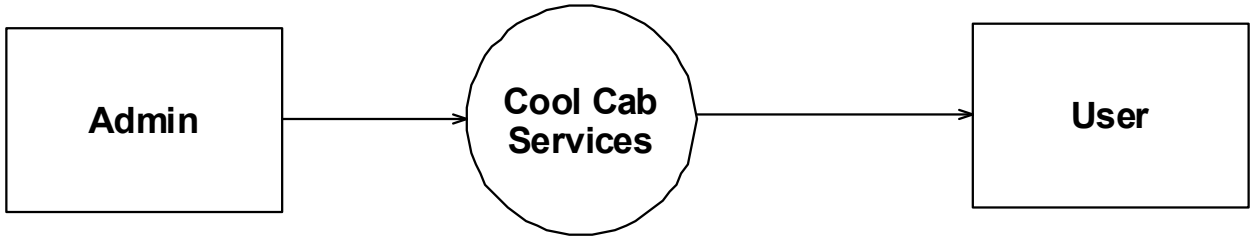
3.5 Finance Manager

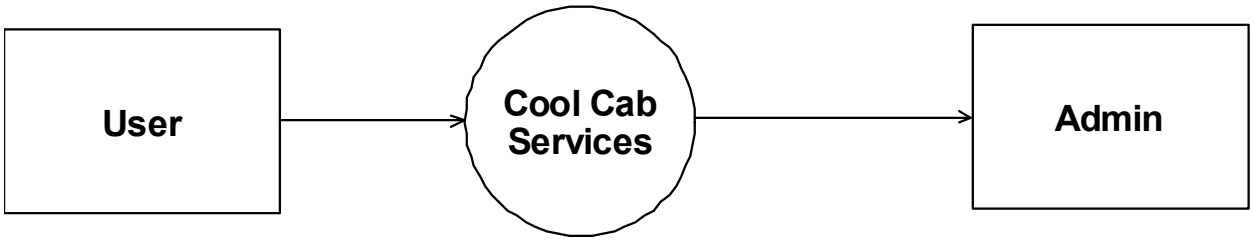
Finance Manager is a type of user in the system, he is responsible for the cost estimation of the vendor,vehicle billing and viewing the feedbacks posted by the employees on the events as accidents and the driving nature of a particular cab.The Feedbacl posted by employers give the quality and performance of the cabs,by this

result managers get a chance to improve the performance of the transportation to get profits.

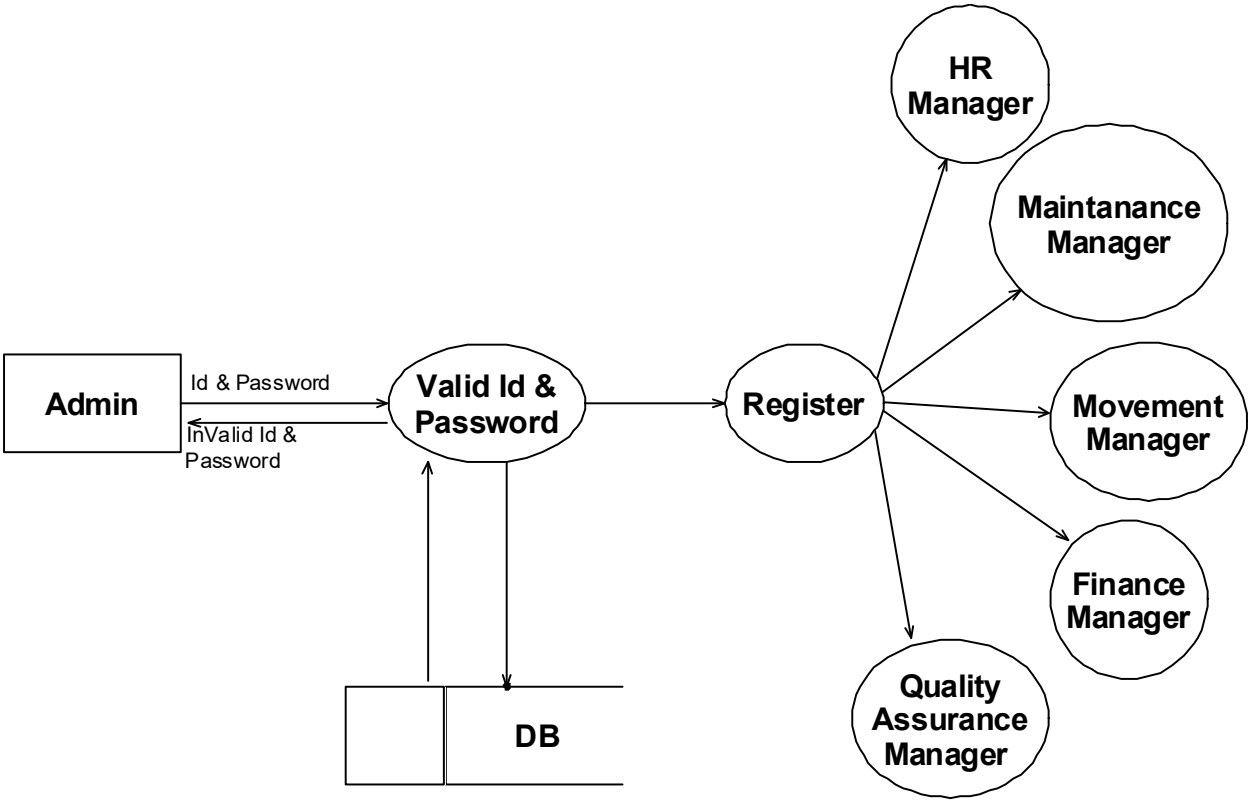
4. Data Flow Diagram :

Level 0 Diagram:





Level 1 Diagram Admin:



5. OUTPUT SCREEN :

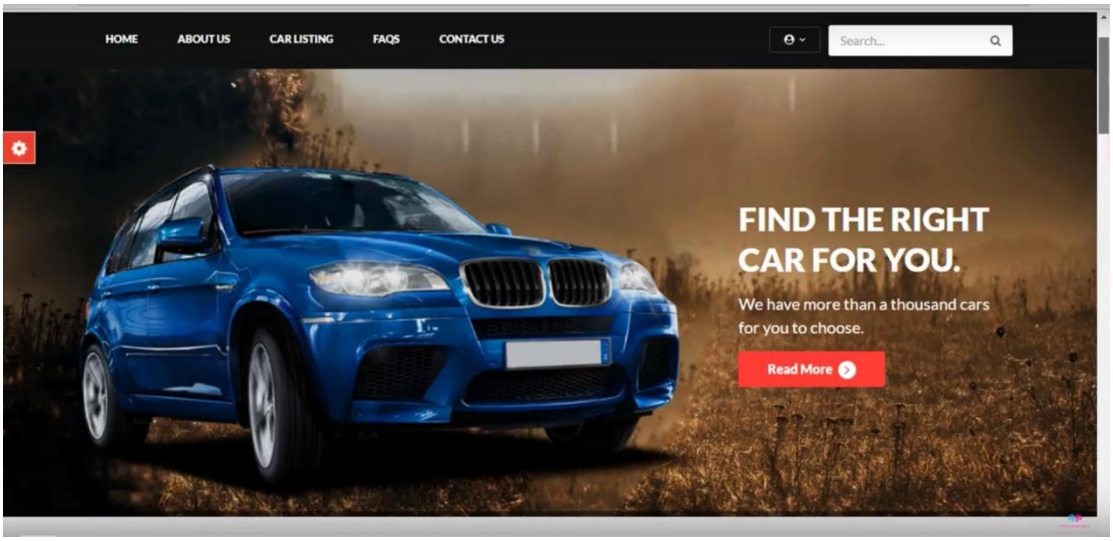


fig 1. HomePage

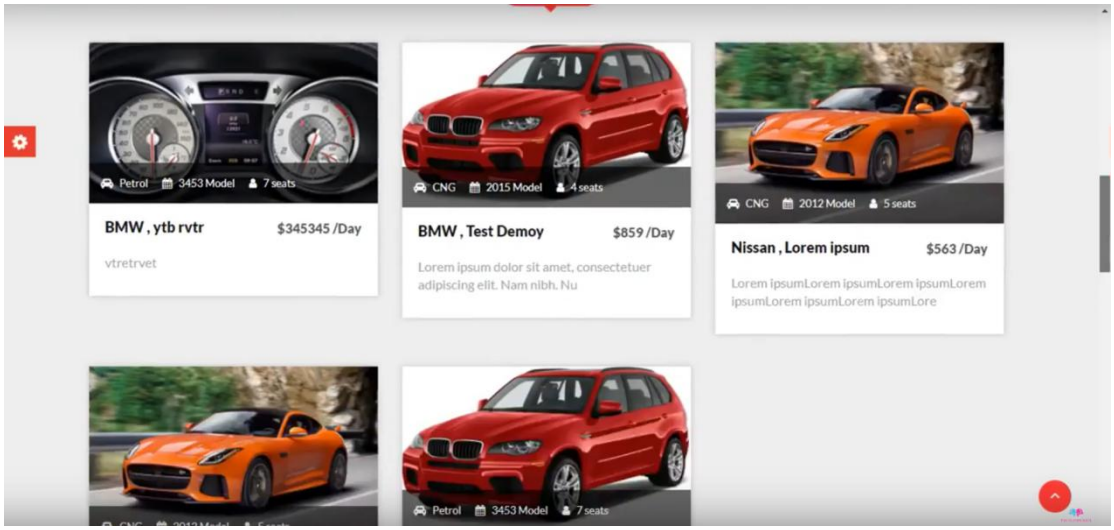


fig 2. Collections

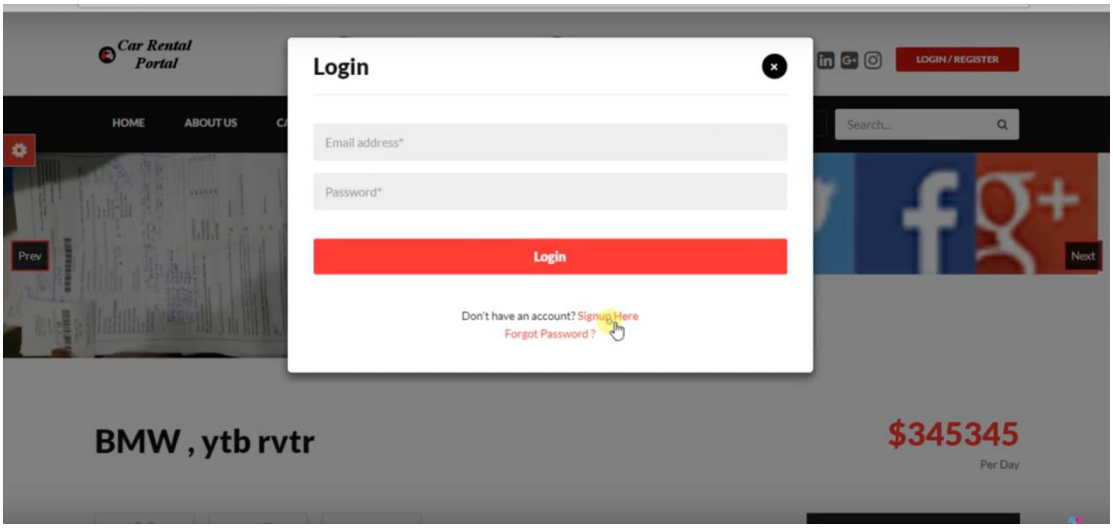


fig 3. Login Window

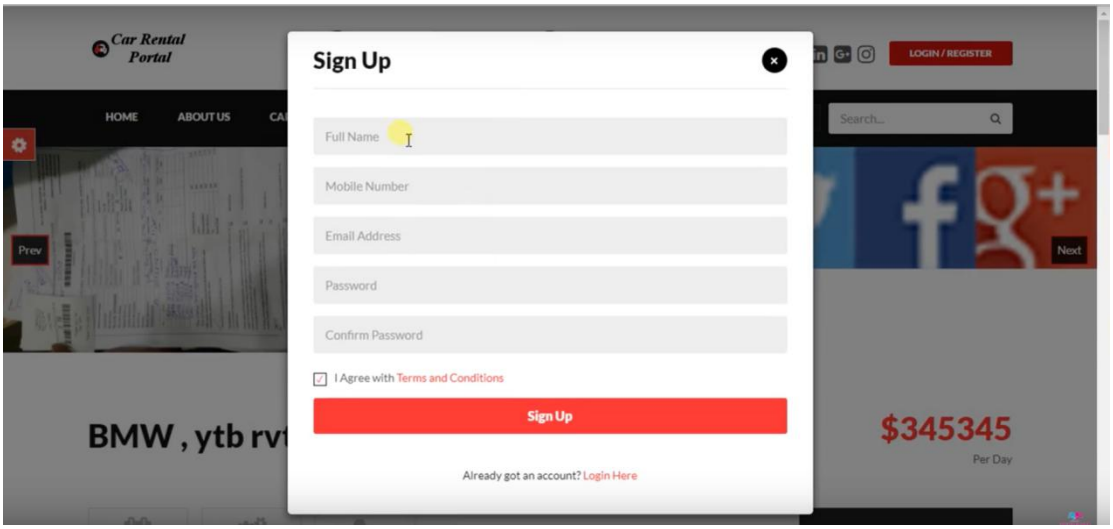


fig 4. Sign Up Window

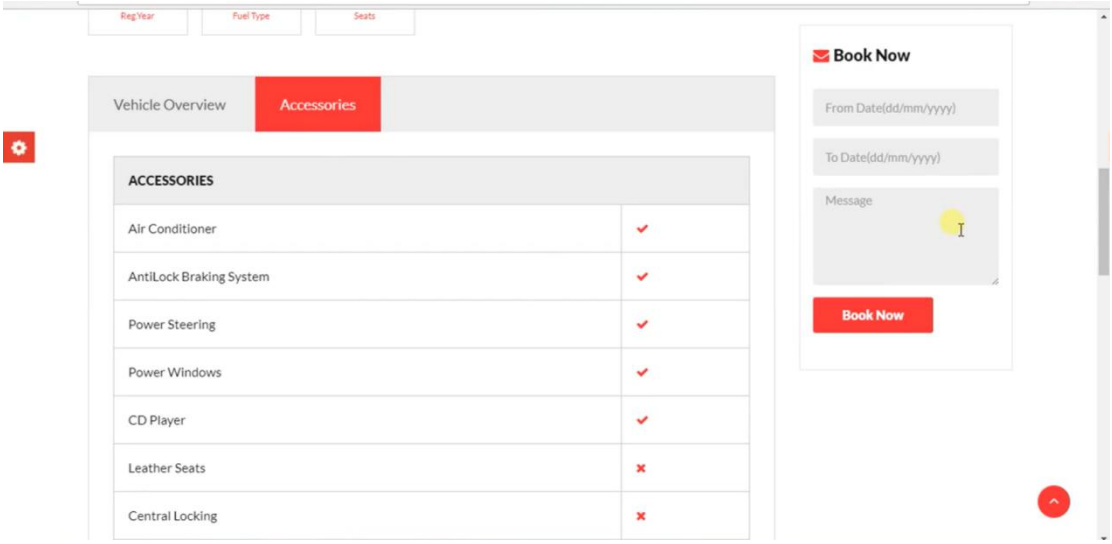


fig 5. Booking

6. Conclusion :

Cool Cab Services is a Web application and it is restricted to only limited type of users. In this application ,Different types of managers have been given access rights and they are restricted up to their functionalities, so that the data is maintained securely and redundant data is prevented. As the Data is stored electronically, it is necessary to have a Computer and Network connection to access the Application. Here The Details of Employees and Drivers, cabs are maintained but accounts to these people are not created. using this application mangers do assign or update the batch,shift of cabs to drivers and employees. But employees are unable to view their details.

7. Acknowledgement :

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8. References

- https://www.msdn.microsoft.com
- https://www.tutorislspoint.com/mysql
- https://www.w3schools.com
- https://www.tutorislspoint.com/php
- https://www.w3schools.com/php/default.asp
- https://www.w3schools.com/bootstrap/bootstrap_ver.asp