Car Rental System

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Abstract - **The vehicle rental framework is being produced for clients so they can book their vehicles from any piece of the world. This application takes data from the clients through filling their subtleties. A client being enlisted in the site has the office to book a vehicle which he requires. The proposed framework is totally coordinated online framework. It mechanizes manual system in a successful and effective manner. This mechanized framework offices client and gives to top off the subtleties agreeing to their necessities. It incorporates kind of vehicle they are attempting to recruit and area. The reason for this framework is to create a site for individuals who can book theirs vehicles alongside necessities from any piece of the state. Vehicle rental organizations work by buying or renting various armada vehicles and leasing them to their clients for a charge. Rental armadas can be organized severally – they can be possessed inside and out (these are known as 'hazard vehicles' on the grounds that the vehicle rental administrator is facing a challenge on how much the vehicle will be sold for when it is eliminated from administration), they can be rented, or they can be possessed under an ensured repurchase program organized straightforwardly through a producer or maker's monetary arm (these are known as 'repurchase vehicles' on the grounds that the producer diagrams the specific cost of unique deal and of repurchase toward the finish of a characterized term).**

Index Terms - **Online rental system, Database, computerized system, vehicles, driver.**

I.INTRODUCTION

The reason for this work to plan framework in order to be utilized via vehicle Rental Company represent considerable authority in leasing vehicles to clients. It is an online framework through which client can see accessible vehicles and drivers, register, see profile and book vehicle and driver. The headway in Information innovation and web entrance has extraordinarily improved different business measure and

correspondence among organizations and their clients of which vehicle rental industry is not let out. A vehicle rental, enlist vehicle, or vehicle recruit organization is an organization that rents vehicles for brief time frames, for the most part going from a couple of hours to half a month. It is regularly coordinated with various neighborhood offices (which permit a client to return a vehicle to an alternate area), and basically situated close to air terminals or occupied city territories and frequently supplemented by a site permitting on the web reservations. Vehicle rental organizations basically serve individuals who require a transitory vehicle, for instance the individuals who try not to possess their own vehicle, explorers who are away, or on the other hand proprietors of harmed or obliterated vehicles who are anticipating fix or protection remuneration. Vehicle rental offices may likewise serve oneself moving industry needs, by leasing vans or trucks, and in specific business sectors other kinds of vehicles, for example, bikes or bikes may additionally be advertised. Close by the essential rental of a vehicle, vehicle rental offices normally additionally offer additional items like protection, worldwide situating framework (GPS) route frameworks, theater setups, portable telephones, and compact WiFi and youngster wellbeing seats.

II. LITERATURE SURVEY

The scope of this project is create a user-friendly web-based system for customers. The web-based system must be secured and easy to manage by administrator. The following feature to be focused on my web system. In booking list, this function enables customers to see booking date when customer booking. In registration account this function enables customers to create user details and information. In vehicles model list this function enables customers to view all types of vehicles. In payment list this function

enables customers to view total of pay booking list. Last, in feedback-form enables customers to send admin suggestion. Many researchers has contributed in this field in this paper 1, they can propose an anonymous car rental protocol based on NFC technology. Their main contributions include: (a) Anonymity. Users provide their personal information to a trusted third party (TTP) only. The car hire providers cannot get users' real identity. (b) Unlink ability. Car rental companies are unable to establish any link between users' rental records and users' identity simply by analyzing the rental history. (c)Trace ability. If there are consumer disputes or accidents, the rental company can request that TTP reveal users' identity. (d) Flexibility. Users are free to choose their preferred vehicle. 2, Rwanda government owns vehicles for facilitating government employees while they are performing official government business, employees share vehicle available through vehicle requisition process

III.METHODS AND MATERIALS

1.Proposed system
The organization needs to discover an answer for diminish its working expenses. The framework being created is a framework to deal with the business needs of leasing vehicles to clients, keep up record and information on vehicle armada, working the client entrance site, and detailing the condition of the framework to the organization. The framework does not satisfy some other need of the framework.

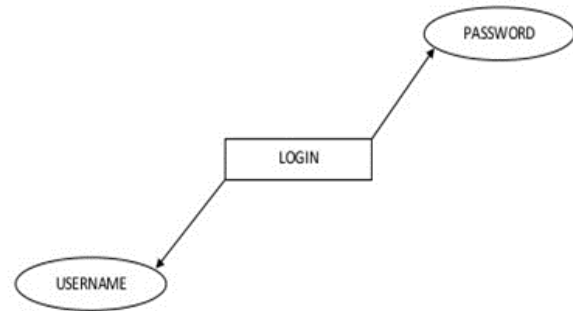### IV. MODULES OF PURPOSED PROJECT

1.   Authentication Module
The user details should be verified against the details in the user tables and if it is valid user, they should be entered into the system, once entered based on the user type access to the different modules to be enabled/disabled. If user do not have username and password, they should be register. In our application we are having two types of users like administrator, user.

2.   Admin Login:
Admin can login with username and password, and he can add the vehicles. Admin will decide the money for car rent it is based on the day. Vehicle replacement is available if any problem that occurs in the vehicle.

And he can collect the rent from the user. He will pay the money for the owner. And he can be able to view the booked car details. Admin can add a car, manage booking car, and rent and also view feedback and enquiry. The admin can add the car so that the user can see the available cars and book the car. The admin can manage the rent so that the user can see the rent and book the car.
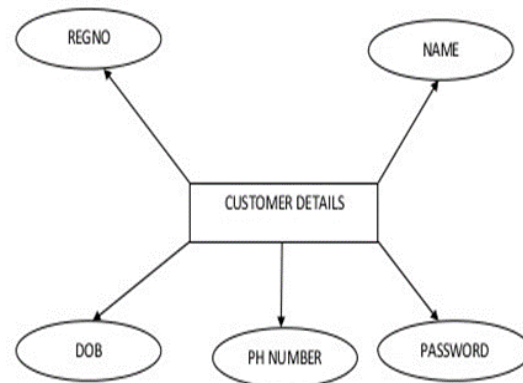
LOGIN DETAILS

3.   User Login:
The customers can also use the system to get a car for rent. If users want to book the car they need authentication. The customer should create a new account before logging in or he / she can log into the System with his/her created account. Then he/she can view the available cars in a branch and make a reservation for a Car. And also, directly he/she can pay the amount through his credit card details. User can view information of available car, booking car, easily get the car on rent and also give feedback and can enquiry. It is a system design especially for large, premium and small car rental business. The user can view
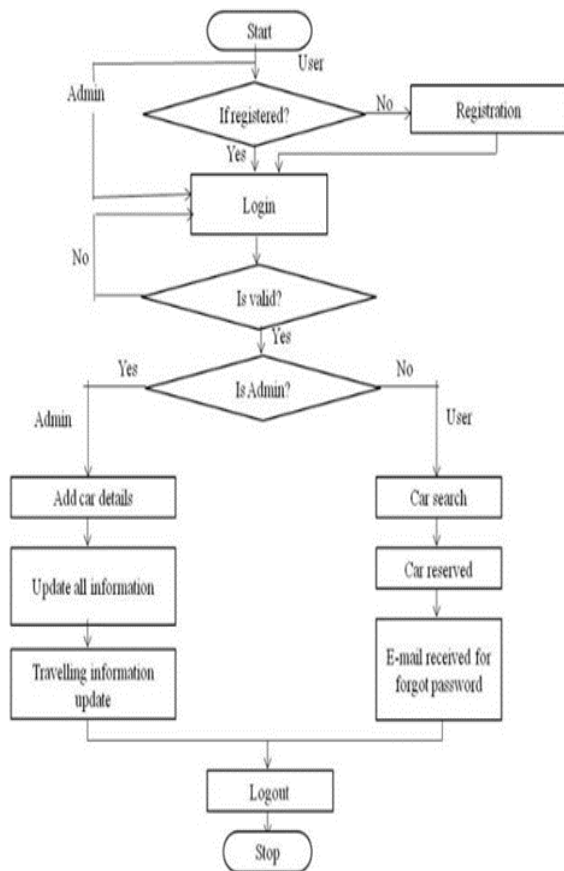
CUSTOMER DETAILS

Available cars and user can book for that car the user can view Available cars and user can book for that car. The Customer can easily get the car whenever they need to on the rent with use of this system. The customer will give the feedback to the admin. The inquiry can easily done by user. After successful login user can do following things:

- View Car booking history
- Update His/Her profile
- Update his/her password
- Post Testimonials
- View Testimonials
- Logout

IV. DEVELOPMENT TOOL

System we will be Developed using Front End: Notepad (HTML5, CSS3, JAVA SCRIPT) Notepad++ (Php Coding), Back End:
mysql Server 2005

V. SYSTEM FLOW CHART

VI. CONCLUSION

On Hire (vehicle Rental framework) gives a basic method of gathering valuable data to quantify this help. Focusing on consumer loyalty helps venture to accomplish sound development in business sectors. Will likewise help the organization to be effective in new business sections.

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