Hire Your Ride

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Abstract: *Our goal is to make a website which will help user to manage the travel agency. The project is a admin panel of an organization which provide vehicles like bike, cars, bus etc., on rent to customer for some period. This system helps admin to manage the main operation of assigning vehicle to customer. Other than that system provides features for creating and updating all the vehicle data as well as user data. It will be effortless and hence will save the time of user. The old-school method like maintaining hardcopies and all the paper work will not stay longer. The website will act as a method to save user time and effort to a great extent.*

1. Introduction:

The motivation behind the development of this project is an attempt to create a practical application that will help in improving the emerging use of I.T. technologies in a developing country like India today. This web based application concept has now started taking grip in our country as it has many advantages over the traditional methodologies .This web site is prepared for a travel agency who is willing to change the way how he keeps track of orders, customers and suppliers. This system is user-friendly software that enables maintaining deep information about the store in easiest way possible. All the information of a travel agency is pre-loaded in this web site by agent. This system also maintains the past reports for every order and keeps track of all important suppliers, items in inventory, etc.

2. Study of existing system:

In this existing system, the billing process, receiving order from customers and vehicle details are done through manual records. Whenever a customer makes a demand for vehicle it is recorded in a separate notebook and the previous delivery made to the customer is searched. All of the vehicles available in agency is also searched manually. It was not a easy task and takes more time to have a vehicle available in agency So while billing this should also has to be taken into account and billed. So this involves a great process and the time is also wasted. So, keeping record of each and every transaction was not easy. Each customer has its own booking and a separate registration so it was lot of work to do and also a lot of paper work.

3. Proposed System

In the proposed system, the process of billing and maintaining the vehicle, database of customers are all made computerized. Since whenever a customer's makes a demand it is received and immediately checked by billing.

The customer's name, address, booking details is all maintained in the database. So the manual process of recording and billing is done easily without any paper work. The vehicle that is been recorded and maintained manually is made computerized. So while billing based on the vehicle the billing charge and capacity is made.

When vehicle lack of availability or anything like that can be easily identified. So by this project the process of ordering, billing and stock maintenance for a travel agency can be processed easily.

4. Problem Description

Till today all the processing was done manually. All of the Booking and registration were done manually in rough and copied later in individual test registers. Suppose record of any customers checked after some period, they have to search in all registers.

Since they may carry out nearly many registrations, it becomes tedious to search manually. Also if reading were to be changed to avoid tediousness, a new copy had to written down. It leads to the lot of paper work.

In proposed system, which is computerized, the billing and reports need not to be done manually but can obtain just on click of mouse. By using computer system the work will be easy and lastly it reduces lot of calculation.

The problem definition is as follows:

"To develop a travel agency (Hire Your Ride) system which is user friendly and will help the customers to book the vehicle efficiently."

5. Objective and scope:

The objective of this project is to computerize the Travel Agency Booking system, which currently operates under the manual system. This project would help in handling the travel agency booking work on computers.

In this project the sub-objectives, which are part of main objectives, are the following:

Manage Ride: This section contains the main functionality of the project. Admin can assign the vehicle to customer as per his/her needs. The vehicles are available in this categories.

- Assign Ride: Admin can assign ride to user.
- Release ride: Admin can release the assigned ride.
- Locked rides: List of all rides which is assign to some user
- Available rides: List of all available rides.

Ride Section: This section contains all the vehicles data available in system. Admin can add, update, activate, deactivate and delete the vehicle.

- Register vehicle: Admin can register new vehicle here
- Activated vehicle: List of all the active vehicles
- Deactivated vehicles: List of all the deactivated vehicles
- Delete vehicle: Admin can remove vehicle.

User section: This section contains all the user data available in system. Admin can add, update, activate, deactivate and delete the vehicle.

- Register user: Admin can register new user here
- Activated users: List of all the active users
- Deactivated users: List of all the deactivated users
- Delete user: Admin can delete the user.

Admin section: In this Super Admin can add another admin from this section as the system can run multiple administrators. Super admin can add, update and delete other administrators. This screen is only visible to super admin.

Category: This section contains all the available categories of vehicles available in organization. Admin can add update and delete the categories.

News: This section contains news regarding travel field as well as some important notices of organization.

Career section: This section contains career opportunities in organization. Admin can add new vacancy in system.

6. Features of the project:

- Reduce the user effort.
- Not time consuming.
- Security: User ID and encrypted password for secure login
- Increased order efficiency and productivity throughput.
- Easy to use interface for user.

- No paper policy.
- Easy data updating.
- Consistency of data.
- Data redundancy can be avoided to some extent.
- Easy information maintaining. Hardware and software requirement configuration.
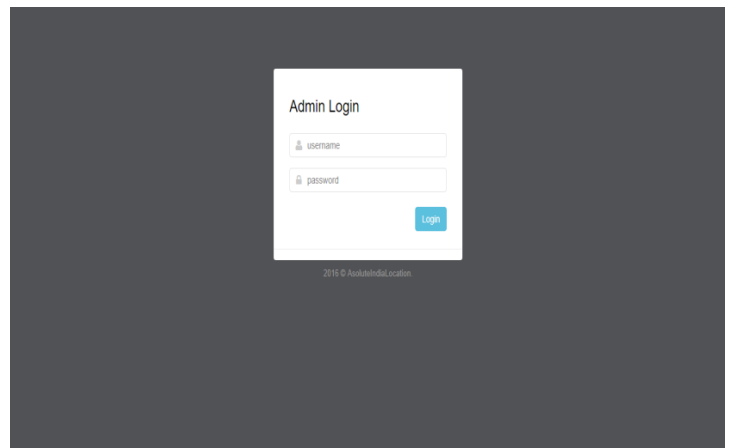
7. Advantages:

- Easy to use.
- Simple step to book a ride.
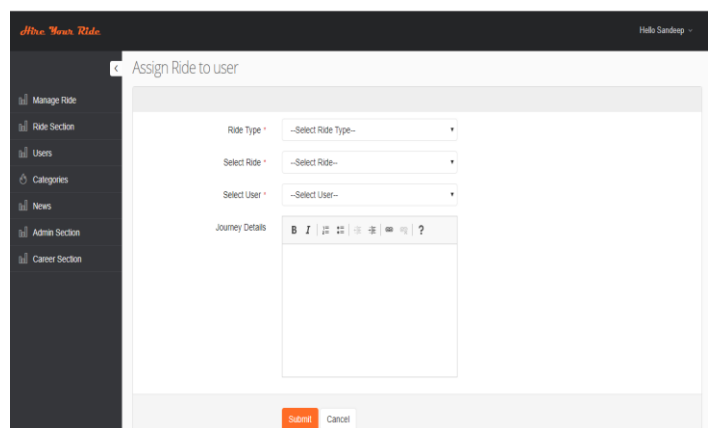- Easy to manage.

8. Disadvantages:

- Not an online application.
- Only agency employee can use this application.
- No message or notification facility after booking.
- No Online payment.
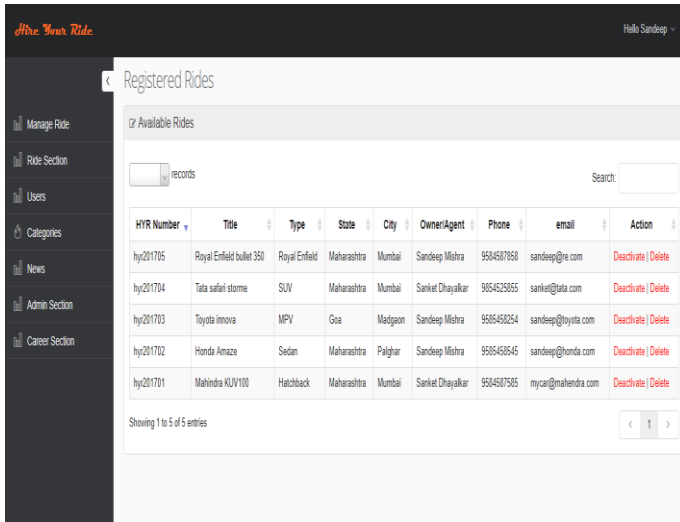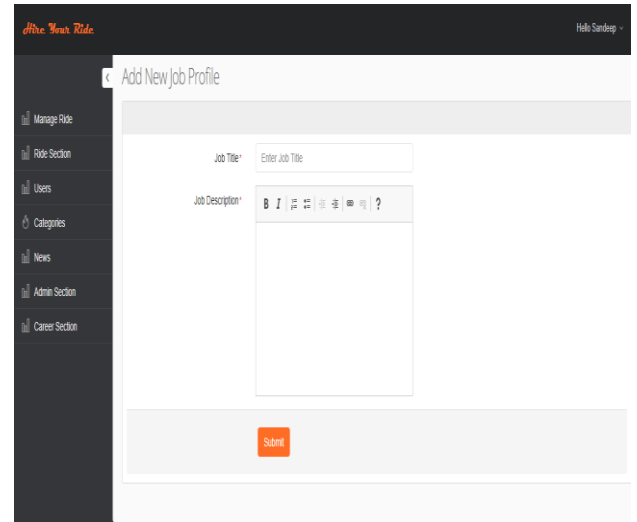- Customer can't access his or her account.
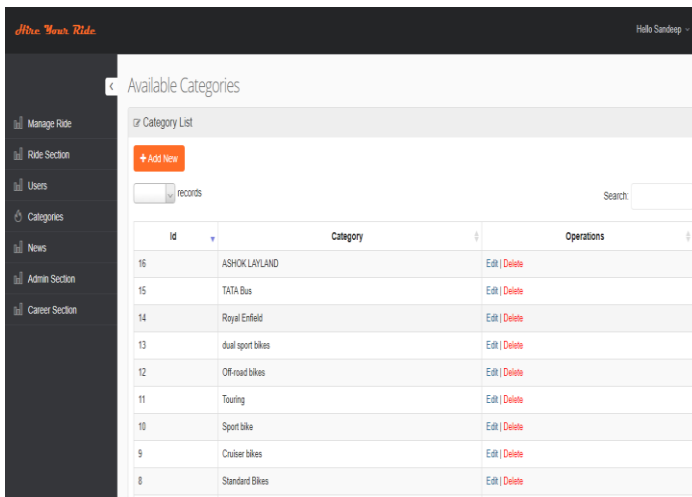
9. Results:

(a)Admin Login

(b)Assign Ride

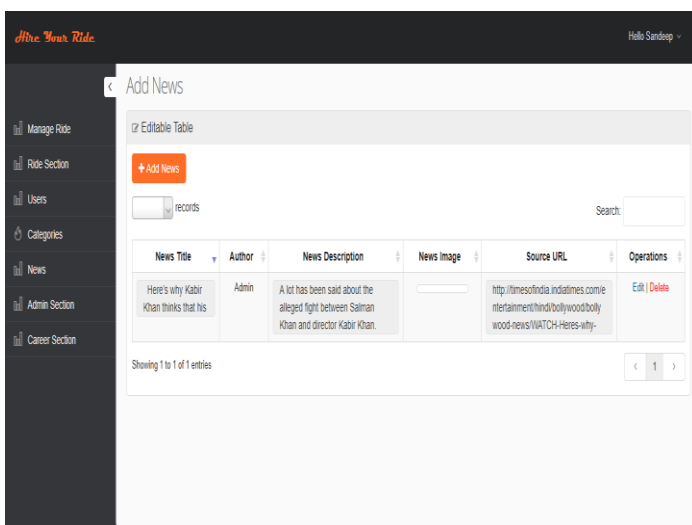(c)Register Rides

(f)Add Jobs

(d)Categories
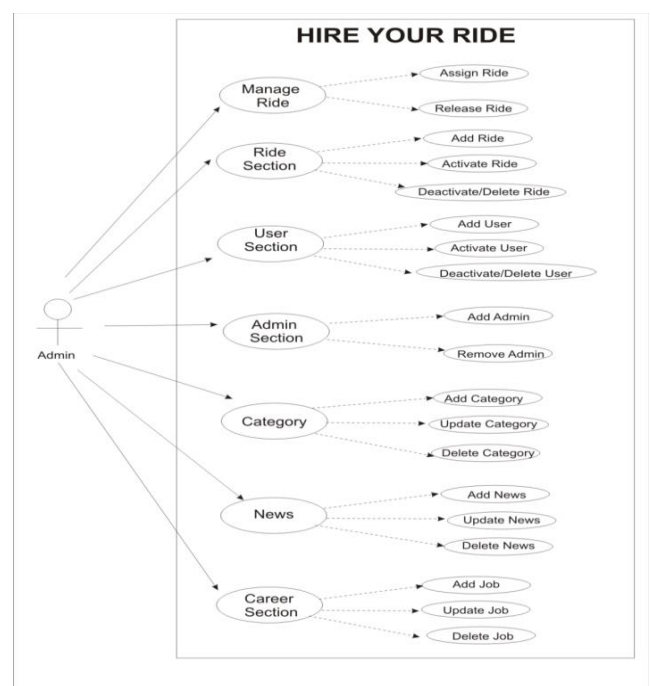
10. Limitations

- Not an online application.
- Only agency employee can use this application.
- No message or notification facility after booking.
- No Online payment.
- Customer can't access his or her account.

11. Use Case Diagram

A user case diagram is a basic representation of a user communication with the system that describes the bond between them in which the user is involved. A user case diagram can determines the many types of users of a system and different user cases and will often be accompanied by other types of diagrams as well.

(e)News

12. Future Enhancements

- User can send a message or notifications after booking a vehicle.
- We provide online payment for booking using payment getaway.
- We provide a chatting facility to users so that users can communicate with each other.
- We also integrate with some of the online wallet.
- Customer can make booking of vehicle sitting at home.

13. Conclusion

As the convention "No system is perfect". Thus the system also has some drawbacks and at the same time has good scope for further developments. But right now, the system is fulfilled with the need of organization.

A system producing good reliable result without being costly can be considered as reliable. This system provides these things. Here in this system, care has been taken to avoid the expected errors. But it is virtually impossible to develop software.

14. References:

- http://www.w3schools.com/sql/sql_join.asp

- http://www.w3schools.com/sql/sql_view.asp