

SYNOPSIS

PROJECT TITLE: ONLINE CAR STORE MANAGEMENT

Description of the project:

This project is designed so as to be used by Car Rental Company specializing in renting cars to customers. It is an online system through which customers can view available cars, register, view profile and rent a car. This web application would be implementable irrespective of the location. Instead of providing products from only one rental show room the application is acting as interface between different users (borrowers and lenders). This web application is providing some additional features for vendors to edit or delete their products. Customers need to register with our site as they search and place orders in our site. We are responsible for communication between customer and the vendor and maintain the database.

Purpose:

The purpose of this project is to provide a platform for users to get rental cars in an effective and efficient manner. Online Car Store System is a one rental portal. It provides services such as Hiring Vehicles. It provides the facility to make online orders and get everything done before you reach the destination.

Aims and Objectives:

- To produce a web-based system that allow customer to register and reserve car online and for the company to effectively manage their car rental business.
- To ease customer's task whenever they need to rent a car.

Scope:

This project traverses a lot of areas ranging from business concept to computing field, and required to perform several researches to be able to achieve the project objectives. The area covers include:

- Car rental industry: This includes study on how the car rental business is being done, process involved and opportunity that exist for improvement.
- PHP Technology used for the development of the application.
- Web-platform means that the system will be available for access 24/7 except when there is a temporary server issue which is expected to be minimal.

Existing System:

A car rental is a vehicle that can be used temporarily for a fee during a specified period. Getting a rental car helps people get around despite the fact they do not have access to their own personal vehicle or don't own a vehicle at all. The individual who needs a car must contact a rental car company and contract out for a vehicle. This system increases customer retention and simplify vehicle and staff management.

Proposed System:

The proposed system is a web based system which can be accessed by customer from anywhere around the world. The system can offer number of products from vendor in different locations. A vendor directly registers into this system using this system user interface without any manual approach. The proposed system can accept any type of product for rental, this system interface support to the vendors to upload their product image into the system. A customer directly interacts with this product image and gets necessary information regarding the rental products. The proposed system accepts an online request from the customers to reserve any rental system product for his own purpose. Administration play vital role here. Administrator can able to communicate the reservation information of any product to that particular vendor using this system.

Module wise Description:

Registration: The User fills the registration form by giving the personal information and successfully registers with the website.

Product: After entering into vendor's homepage vendor will add his products by filling add product form, by providing sufficient details about product such as product id, available dates, rent etc and upload the image of that product.

It consists of following sub modules:

1. Update Product: Vendor can update the existing product details such as rent, available dates, etc. by entering the product id of that product.
2. Delete Product: Vendor can delete his products by entering the product id.

Searching and Booking the product: The Customer after accessing the site searches for products, if he/she finds the required product then he/she need to fill the booking form and submit to the database.

Authentication: Authentication is nothing but providing security to the system. Here everyone must enter into the system through login page. The login page will restrict the unauthorized users. A user must provide his credential like user Id and password for log into the system. For that the system maintains data for all users. Whenever a user enters his user id and password, it checks in the database for user existence. If the user exists he can be treated as a valid user. Otherwise the request will throw back.

Hardware and Software Requirements:

Hardware requirements

Processor: Intel Pentium or More

Ram: 512 MB Ram

Hard Disk: PC with 20GB

Software requirements:

- Operating System Server: Windows XP or later.
- Database Server: MY SQL.
- Tools: WAMP Server, Sublime Text, Web Browser.
- User Interface: HTML, CSS and JavaScript.
- Backend: PHP.