

Synopsis

Group 3

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Project title: Online car booking system.

Aim/ Objective:

The objective of this project is to manage overall car services like the details of customers, employees, payments, car bookings and cars. All the payment details and car details can be tracked by the users. Users can book and cancel their cars by logging in. This application reduces the manual work for managing the data records. Manual work is very hard and time consuming and requires a lot of paperwork. This project aims at offering the best of car booking services to the customers in need. It will have all kinds of cars ranging from normal budget cars to high end luxurious cars. This application is easily accessible, trustworthy and reliable.

Functionalities of this application:

- This application manages all the car booking details like customer details, payment details, pick up and dropping points.
- It tracks all the information of these bookings.
- It will provide the description of all the available cars and services.
- It can also monitor the payment details of the bookings.
- Clients can cancel their order in time.
- Users will get a confirmation of their bookings after booking.
- They can change passwords by clicking the forget password link anytime.
- Clients can choose if they want a driver or not.

- Different distances have different costs.
- This project is very flexible so new features can be added in the future as required.

Technologies used:

Language used	HTML, Java script, CSS, Bootstrap,PHP
Database	MySQL
Web browser	Chrome, Mozilla, Opera, etc. (Any browser would do)
Operating System	Windows XP/7/8/10
RAM	256 MB or more
Processor	Pentium IV or higher

Assumptions taken:

This project 'online car booking system' may help in managing the details of the cars, car prices, customers, and payments in a hassle free manner. And the details provided will be evident and simple. The manual way of collecting these details requires a whole lot of work and is time consuming. This application not only reduces the work but also reduces the cost of collecting the details. This is a clear and smooth procedure. This saves the time of both the client and the manager.

- This computer made application will be very helpful as it helps the user to book as many cars as required from one single account.
- It asks for all the details that are required like the pick up point and the drop off location, contact details, which the client needs to provide in order to make a booking.
- It is easy to operate.

- It is easy for both the client and the manager.
- User friendly interface.
- Productivity increases as they can utilize all these details in an efficient way.
- Cars can be booked within their budget.
- Easy to track all the details.
- Users need not to fill in the details everytime they make a booking.
- They can log into their account and make a booking as the database stores all their user information.
- Can be easy for the managers to manage and track all their booking details efficiently.
- This system will be available for access 24/7 as it is a web-based application.

Details handled:

- It takes and stores the details of the customer.
- The customer booking details can be viewed by the administrator.
- It also takes the details of the car bookings like the pick up points, drop off locations, contact details of the client, client's name.
- It generates a confirmation receipt after the booking has been made.
- Clients can cancel their bookings anytime.
- It stores all the login details of the clients and admin for this application.

Sample scenarios:

User login:

- To access this web-based application services, the user has to sign up/login with their email address and password.
- It will ask for their user id and password.

- Once the user logs in, they can now access the application.

Customer details:

- It will ask for the customer details like name, contact number, and email address.
- It will store the customer details for further contacting.

Car booking details:

- In this module, the application will ask all the details about the booking.
- The user has to provide all the information about their booking like name of the client, pick up point, drop off location and their contact number.
- It will save all the details.
- Then the client can make a booking and the client will get a booking confirmation receipt.

User end:

- The user can view their booking details in their account under booked details and can cancel anytime.
- Transaction details are available all the time to track easily.
- Users need not enter their details every time they make a booking.

Who can use this application in real life:

This application can be used by everyone who needs a car for their travel. This web based car booking application has offered an advantage to both clients as well as companies to effectively manage the business and satisfy the customer needs. It needs no formal knowledge to use this system. This system will allow the users to book a car according to their budget. This offers a door step delivery and pick up. This will be helpful for the users as it reduces the work time. Also it allows them to track and manage their information efficiently which increases productivity.

- It provides better service.
- Less manpower required to make and store booking details.
- Security of the data is provided.
- Better efficiency.

- More accuracy.
- Easy for manager/admin to track the orders and payment details.
- Allows users to cancel their orders easily.