



NEXT GEN EMPLOYABILITY PROGRAM

Creating a future-ready workforce

Team Members

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CAPSTONE PROJECT SHOWCASE

Project Title

Car Rentals Application with Django Framework

Abstract | Problem Statement | Project Overview | Proposed Solution |
Technology Used | Modelling & Results | Conclusion



Abstract

“CAR RENTAL APPLICATION WITH DJANGO FRAMEWORK” is a project which aims in developing an Online Application of car rental system. It is a system that enables customer to rent a car to place their choice online at any time at any place. The reason to develop the system is due to the issues of facing by fuel cost. These issues are such as peak hour-long queue issues, increase of taxi and private cabs than visitors, speed major request of car management, limited promotion, and quality control of cars management. Therefore this system enhances the speed and standardization pf taking rental car from the customers and display it to the staff in the website accordingly. Beside that it provide user friendly web-pages and effective advertising medium to the new product of the online car rental system to the customer at reasonable price. Furthermore, it also extend and deliver customer satisfactions especially to the hectic customer or reaching the customers who are constrain of transport to be in car shop. Altogether it is helpful for everyone for the customers and for the traveler's also.

Problem Statement

The Manual car rental system provides services only during office hours. So; customers have limited time to make any transactions or reservation of the cars. The existence of the online car rental systems nowadays has overcome the limitation of the business operation hour. However; there is still a few numbers of these online car rental systems in Malaysia and most of the systems offered reservation service for tourists or traveler. Besides that, there are some customers who faced a problem in choosing car to be rented which suitable with some of the important requirements.

1. To rent a car a prospective renter must first go to the nearest office to register as a client.
2. Cars that provide difficulties to rent out are normally advertised in local or national newspaper. it involves a lot of paper work and consumes time.

Project Overview

The primary purpose of an online car rental system is to allow customers to easily do order at website over the internet. With the improvement of technology, online car rental systems are becoming a popular topic. That's because they are serving the ever-increasing Demand for convince. It benefits both the customer and the business. With a website or mobile app, customers can easily Browse all the dishes and place order of their favourite one. From the car rental perspective, they no longer spend time taking the customer's order, stop worrying about communication errors and streamline their order management workflow. The main purpose behind building this website is to establish A smooth and easy way of ordering process to the users so they Didn't get any trouble in placing orders or cancelling orders. In this project everything has been made in synchronize way with full order and sequence admin has full control over the system. And user will get a lot of facilities in this system.

Proposed Solution

The existing system is a manual one. After studying the problems of the existing system, the following requirements have been identified.

1. Develop a new system that will reduce the manual effort of creating reports
2. Develop a system that will built-up the database to facilitate future information and retrieval for analysis and other statements.
3. Develop a system that will automate the monitoring of any problem During Analysis.
4. Develop a system that has a flexible form design.
5. The system should have provision to view performance during working with system After completing the requirement determination and doing re analysis a new system is designed which could solve the problem of existing system and fulfill the requirement of the users.

The benefits of the “Designing Training Database & Effectiveness” are as follows:-

- Quick and easy retrieval of information
- Low cost maintenance.
- The system is not person dependent.
- Knowledge of computer skill required is minimum.
- Use of this system will automate the function.
- It will also lead this system to improve the quality

This Car Rental System project will enable the user to rent a vehicle. The user shall login to the system and check for availability of cars. The user specifies a type of car and the journey date and time. The Car Rental System shall check for the availability of the car and rent the car to the customer. The user can make payment online. The tool is designed using VB.net. All the data regarding the rental cars are stored in MySQL database. The user has to enter his name, address, phone details and check for the cars available for rent. The UI is very simple and the connectivity to back end is robust. The main advantage is that the user shall be able to choose a car depending on his budget.

Technology Used

Front-end



Back-end



Modelling & Results

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.

General customers as well as the company's staff will be able to use the system effectively. 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.

The system has reached a steady state where all bugs have been eliminated. The system is operated at a high level of efficiency and all teachers and users associated with the system understand its advantage. The system solves the problem- it was intended to solve as requirement specification. The system is user friendly & easy to maintain.

Homepage



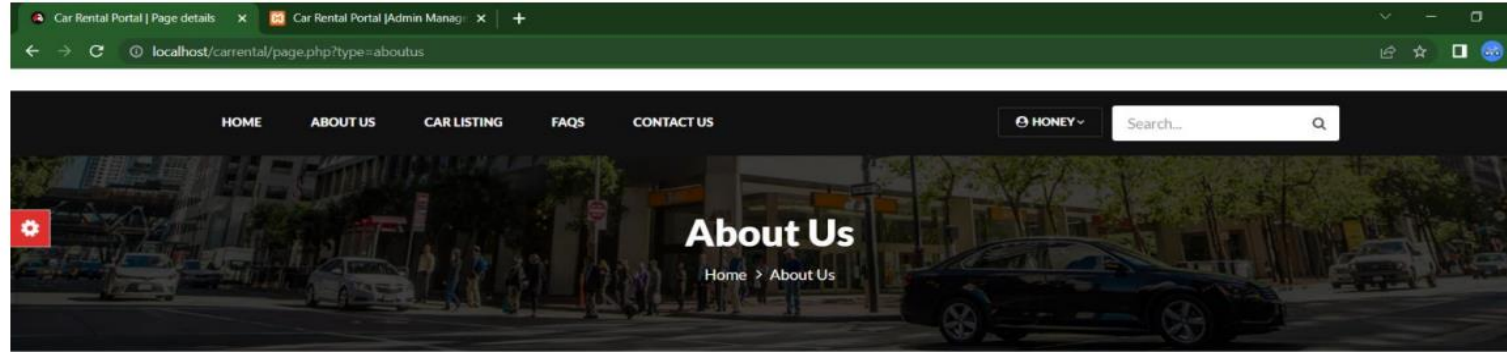
FOR SUPPORT MAIL US :
pawanpalsania489@gmail.com



SERVICE HELPLINE CALL US:
+91-6203033149

[LOGIN / REGISTER](#)[HOME](#)[ABOUT US](#)[CAR LISTS](#)[FAQS](#)[CONTACT US](#)

About-Us-Page



About Us

At vero eos et accusamus et iusto odio dignissimos ducimus qui blanditiis praesentium voluptatum deleniti atque corrupti quos dolores et quas molestias excepturi sint occaecati cupiditate non provident, similique sunt in culpa qui officia deserunt mollitia animi, id est laborum et dolorum fuga. Et harum quidem rerum facilis est et expedita distinctio. Nam libero tempore, cum soluta nobis est eligendi optio cumque nihil impedit quo minus id quod maxime placeat facere possimus, omnis voluptas assumenda est, omnis dolor repellendus. Temporibus autem quibusdam et aut officiis debitis aut rerum necessitatibus saepe eveniet ut et voluptates repudiandae sint et molestiae non recusandae. Itaque earum rerum hic tenetur a sapiente delectus, ut aut reiciendis voluptatibus maiores alias consequatur aut perferendis doloribus asperiores repellat.

Service-Page

Car Rental Portal | Admin Panel

localhost says
Do you really want to Confirm this booking

OK Cancel

Show 10 entries

Search:

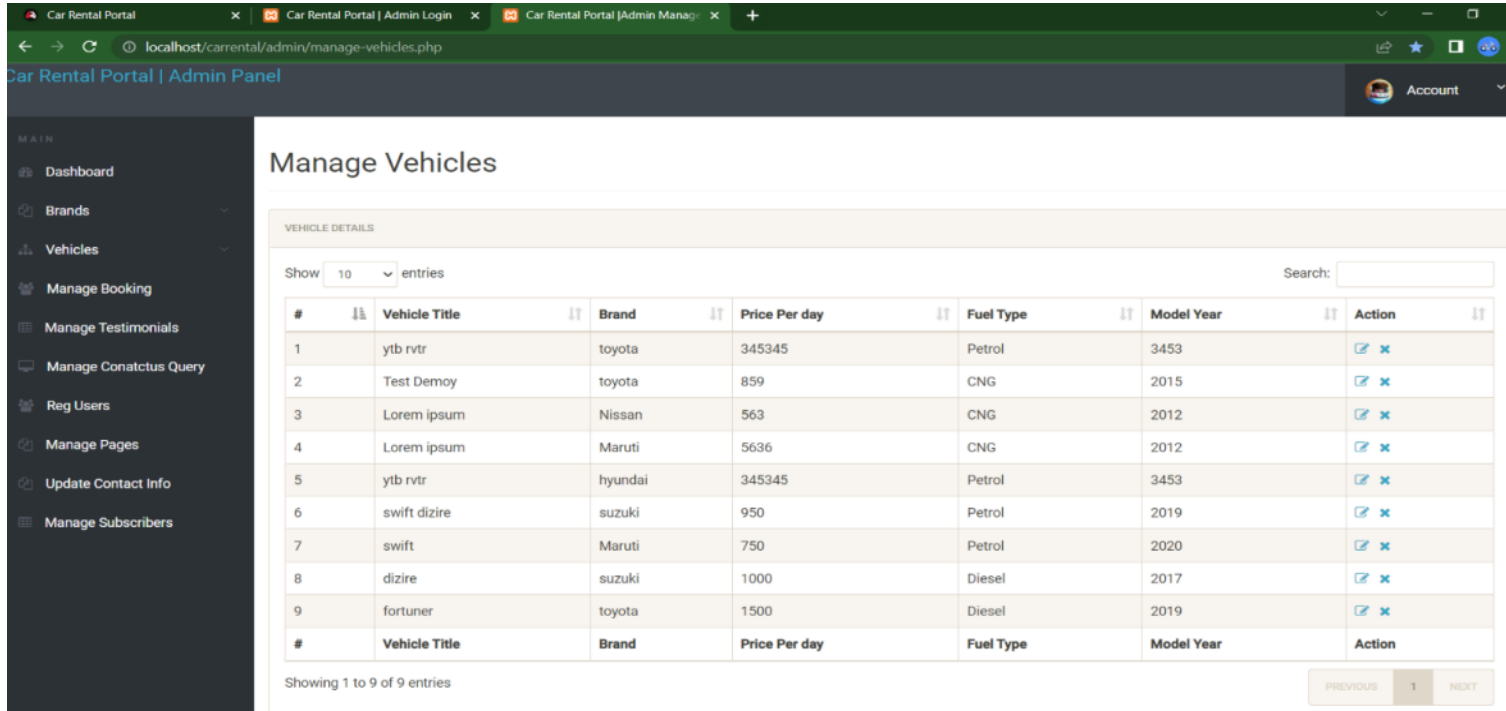
#	Name	Vehicle	From Date	To Date	Message	Status	Posting date	Action
1	Tom K	toyota , Test Demoy	22/06/2017	25/06/2017	Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco	Confirmed	2017-06-20 01:45:43	Confirm / Cancel
2	Tom K	Nissan , Lorem ipsum	30/06/2017	02/07/2017	Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco	Cancelled	2017-06-27 01:45:43	Confirm / Cancel
3	Tom K	Maruti , Lorem ipsum	02/07/2017	07/07/2017	Lorem ipsumLorem ipsumLorem ipsumLorem ipsumLorem ipsumLorem ipsumLorem ipsumLorem ipsumLorem ipsum	Not Confirmed yet	2017-06-27 02:40:06	Confirm / Cancel
4	pawan	Maruti , swift	23/7/22	28/7/22	nice car	Confirmed	2022-05-21 16:37:58	Confirm / Cancel
5	harshit	toyota , fortuner	15/7/22	20/7/22	its very luxury car!!!	Not Confirmed yet	2022-05-21 17:13:42	Confirm / Cancel
6	hemant	toyota , fortuner	5/6/22	12/6/22	i love this car	Not Confirmed yet	2022-05-22 17:06:02	Confirm / Cancel
#	Name	Vehicle	From Date	To Date	Message	Status	Posting date	Action

Showing 1 to 6 of 6 entries

PREVIOUS 1 NEXT

localhost/carrental/admin/manage-bookings.php?acid=6

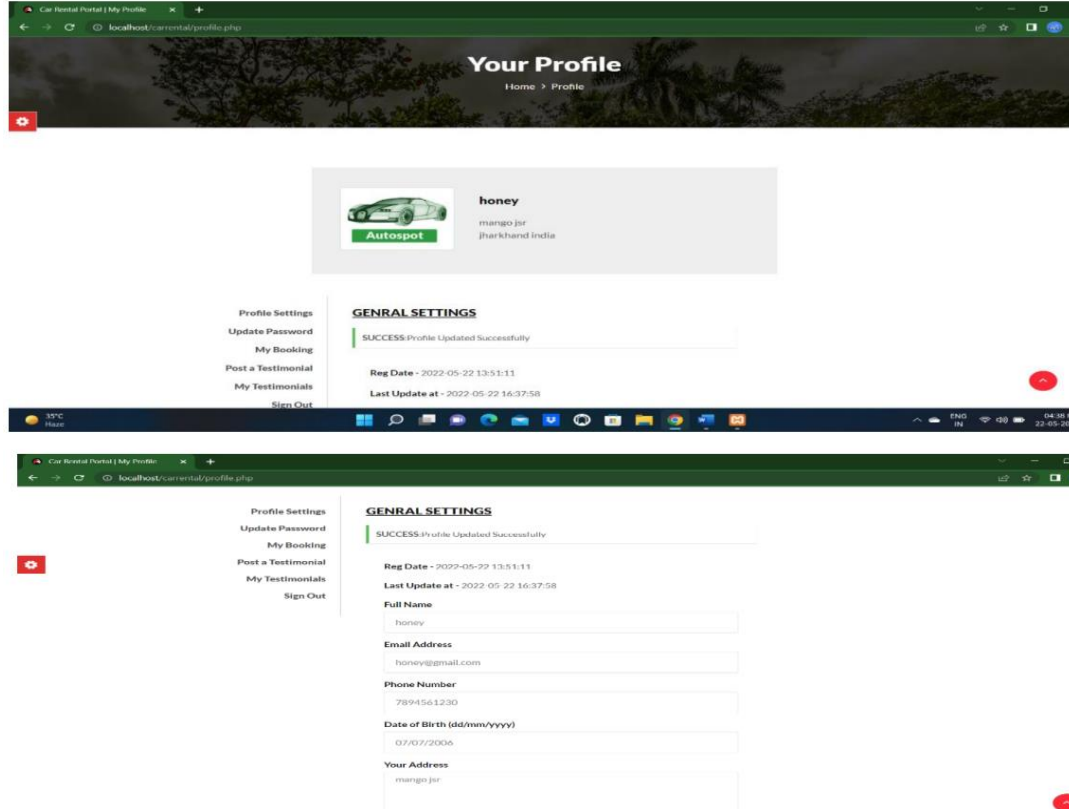
Departments-Page



The screenshot displays the 'Car Rental Portal | Admin Panel' interface. The left sidebar contains a 'MAIN' menu with the following items: Dashboard, Brands, Vehicles, Manage Booking, Manage Testimonials, Manage Conatctus Query, Reg Users, Manage Pages, Update Contact Info, and Manage Subscribers. The main content area is titled 'Manage Vehicles' and features a 'VEHICLE DETAILS' section. This section includes a 'Show 10 entries' dropdown, a search bar, and a table with 9 vehicle entries. Each entry has columns for #, Vehicle Title, Brand, Price Per day, Fuel Type, Model Year, and Action (with edit and delete icons). At the bottom, it shows 'Showing 1 to 9 of 9 entries' and navigation buttons for 'PREVIOUS', '1', and 'NEXT'.

#	Vehicle Title	Brand	Price Per day	Fuel Type	Model Year	Action
1	ytb rvtr	toyota	345345	Petrol	3453	Edit Delete
2	Test Demoy	toyota	859	CNG	2015	Edit Delete
3	Lorem ipsum	Nissan	563	CNG	2012	Edit Delete
4	Lorem ipsum	Maruti	5636	CNG	2012	Edit Delete
5	ytb rvtr	hyundai	345345	Petrol	3453	Edit Delete
6	swift dizire	suzuki	950	Petrol	2019	Edit Delete
7	swift	Maruti	750	Petrol	2020	Edit Delete
8	dizire	suzuki	1000	Diesel	2017	Edit Delete
9	fortuner	toyota	1500	Diesel	2019	Edit Delete

Blog-Page




Car Rental Portal | My Profile

localhost:carrental/profile.php

Your Profile

Home > Profile


Autospot

honey
mango jar
jharkhand india

[Profile Settings](#)
[Update Password](#)
[My Booking](#)
[Post a Testimonial](#)
[My Testimonials](#)
[Sign Out](#)

GENRAL SETTINGS

SUCCESS: Profile Updated Successfully

Reg Date - 2022-05-22 13:51:11
Last Update at - 2022-05-22 16:37:58

Full Name
honey

Email Address
honey@gmail.com

Phone Number
7894561230

Date of Birth (dd/mm/yyyy)
01/01/2006

Your Address
mango jar

Future Enhancements:

This order cars online system project aimed at developing an online car rental system which can be used in small places, and medium cities firstly and then on a large scale.

- It is developed to help car rental to simplify their daily operational and managerial task as well as improve the dining experience of customers.
- And also helps restaurant develop healthy customer relationships by providing good services. The system enables staff to let update and make changes to their cars and beverage list information based on the orders placed and the orders completed.

Conclusion

An CAR RENTAL APPLICATION is developed where the customers can make an order for the cars and avoid the hassles of waiting for the order to be taken by the waiter. Using the application, the end users register online, read the E-menu card and select the cars from the e-menu card to order cars online. Once the customer selects the required cars item the chef will be able to see the results on the screen and start processing the cars. This application nullifies the need of a waiter or reduces the workload of the waiter. The advantage is that in a crowded restaurant there will be chances that the waiters are overloaded with orders and they are unable to meet the requirements of the customer in a satisfactory manner. Therefore by using this application, the users can directly place the order for cars to the chef online. In conclusion an online car rental system is proposed which is useful in small family run car rental as well as in places like college cafeteria, etc. This project can later be expanded on a larger scale. It is developed for car rental to simplify their routine managerial and operational task and to improve the dining experience of the clients. This also helps the restaurant owners develop healthy customer relationships by providing reasonably good services. The system also enables the restaurant to know the items available in real time and make changes to their cars and beverage inventory based on the orders placed and the orders completed.

Thank You!