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TOURISM AND TRAVELING FACILITY OF CAR RENTAL RESOURCE MANAGEMENT AND INFORMATION SYSTEM

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ABSTRACT: *This project is designed so as to be used by car rental specializing in renting cars to customers. The main objective of the project on the car rental system is to manage the details of car, supplier, payment, booking. It is an online system through which customers can view available cars, register view profile and book car. It is a system design specially for large, premium and small car rental business. The car rental system provides complete functionality of listing and booking car. In this system, Tourism and Travelling facilities also provides. Shows the information and description of the car to the customer. The car rental system being developed for customer so that they can book their vehicles from any part of the world. This application takes information from the customers through filling their details. A customer being registered in the website has the facility to book a vehicle which he requires Manage the car information. Manage the information of supplier. Editing adding and updating of records is improved which results in proper resource management of car data.*

KEYWORDS: *Car rental, Tourism and Travelling, cheap rental cars, Travelling and Tourism.*

1. INTRODUCTION

The process of building systems has always been complexed with system becoming larger, the costs and complexities get multiplied. So, the need for better methods for developing systems is widely recognized to be effective and the applied mite is a system design specially for large, premium and small car rental business. The car rental system provides complete functionality of listing and booking car. In this system, Tourism and Travelling facilities also provided should meet a few basic requirements. The model should be structured and cover the entire system development process from feasibility study to programming, testing and implementation. The model should utilize established methods and techniques like database designs, normalizations and structured programming techniques. The model should consist of building blocks, which define tasks, results and interfaces. The model should separate the logical system from the physical system.

Documentation should be a direct result of the development work and should be concise, precise and as non-redundant as possible.

Based on the above requirements of the system model, system study has been made. Various methodologies have been applied for system study, evolving design documents, data modelling, input screen design and report design.

2. Related Work

It is a system design specially for large, premium and small car rental business. 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 proposed system facilities the customers to fill up Details, and to give a brief description of a vehicle they Want to book. This new system is very helpful for customer Who want to hire their vehicles through this site. First the Customer ha to make a reservation and later on the process Has to do registration second if the customer had already registered himself then he can continue booking in his own account by giving his customer id or mail id. Thirdly, the customer can amend details or update his details. The main outputs are whether the booking is conformed or not and regular information's services to the users of the sites.

3. METHODOLOGY

We have given the diagram for the proposed system. In this proposed system used for login manage booking, view enquiry, view feedback, check rent, add car rental details, logout each actor's have their own activities. Admin can add car, manage booking car and rent and also view feedback and enquiry.

Use case diagram for admin

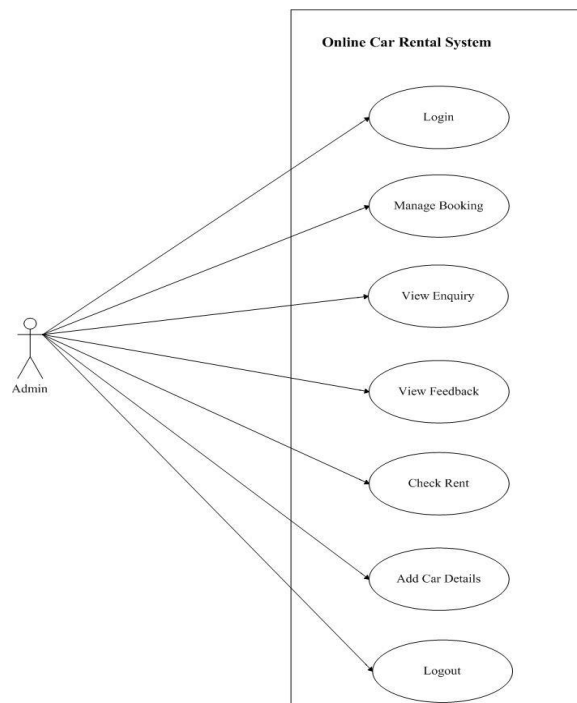


Figure1.0

User can view information of available car, booking car, easily get the car on rent and also give feedback and can enquiry.

Use case diagram for user

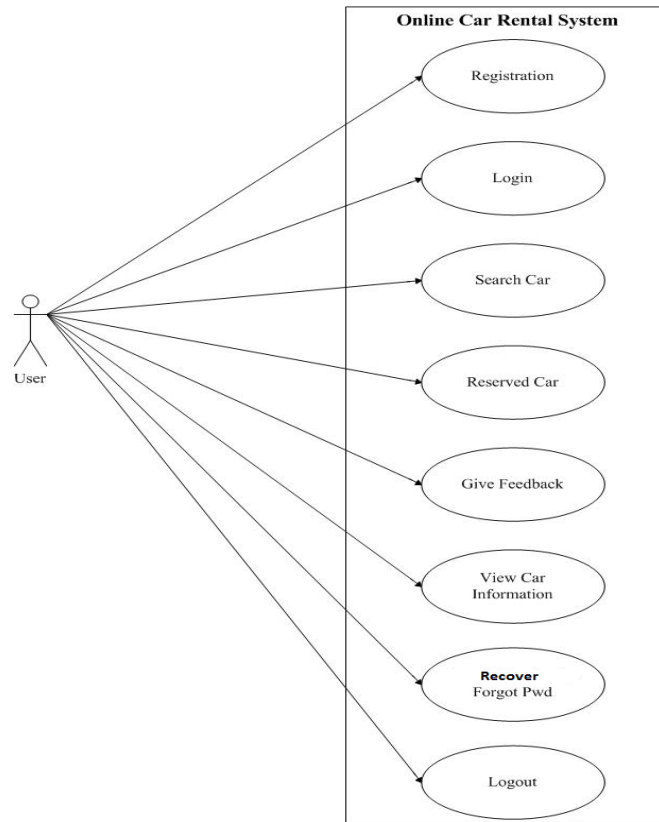


Figure 1.1

STUDY ABOUT THE SYSTEM

Existing work:

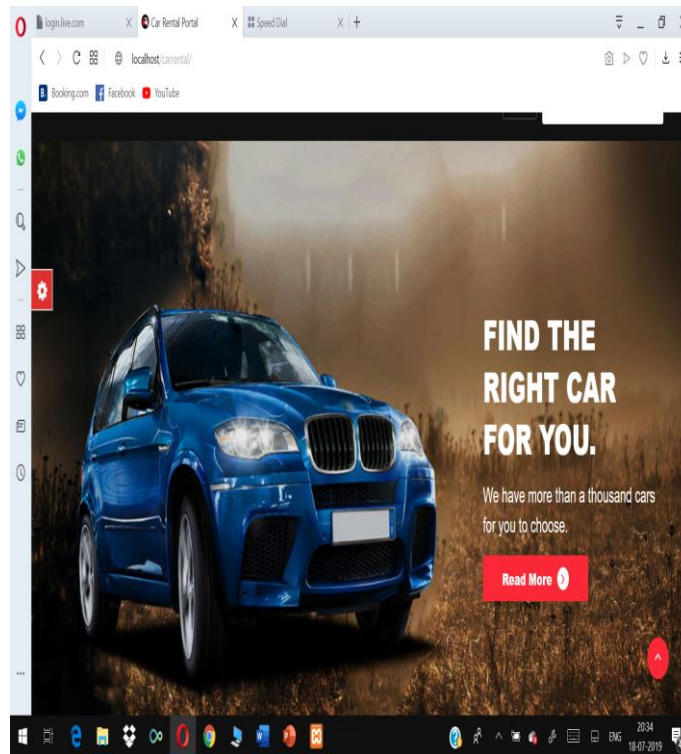
An existing system can provide manually paper Work. The user has go in the office where user can or rent And book their car. In the existing system can not provide feedback of the user to the admin online.

Proposed work:

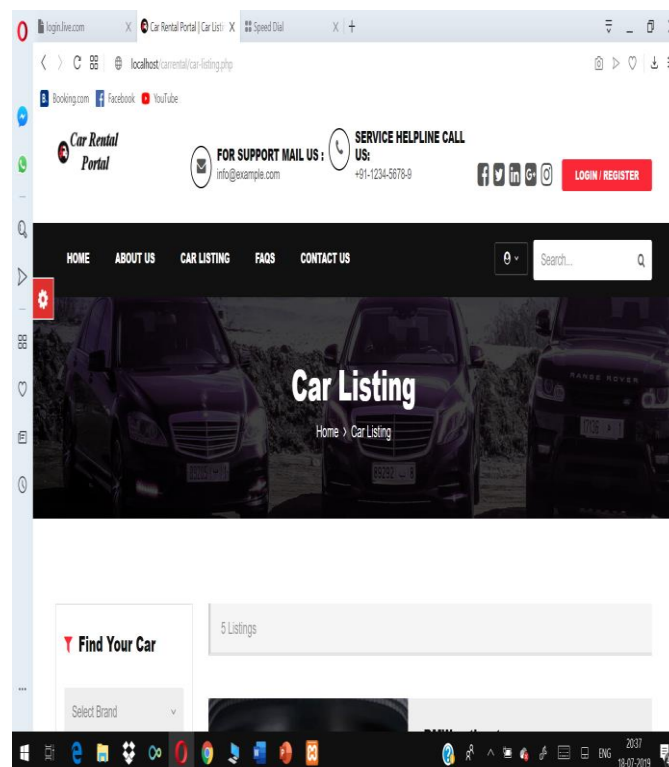
The new system is totally computerized system. A new system provides features like time efficiency to show car details, user profiles and whatever the customer will give the feedback to the admin. This system provides tourism and travelling facilities.

Experimental Results

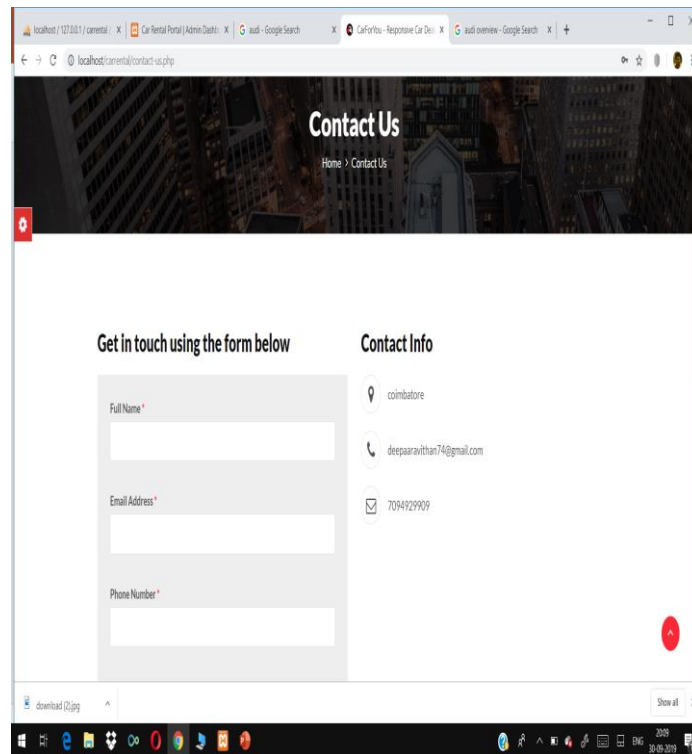
USER HOMEPAGE



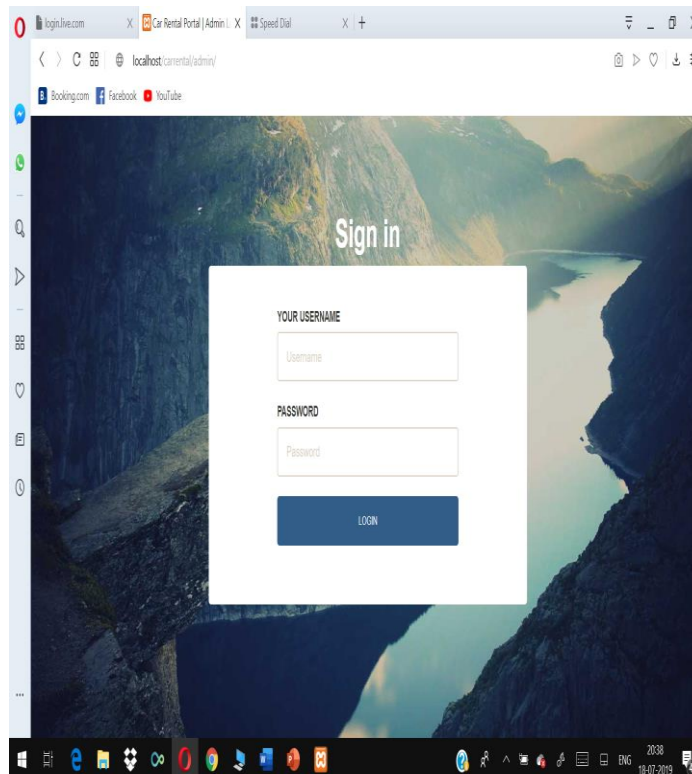
Car listing



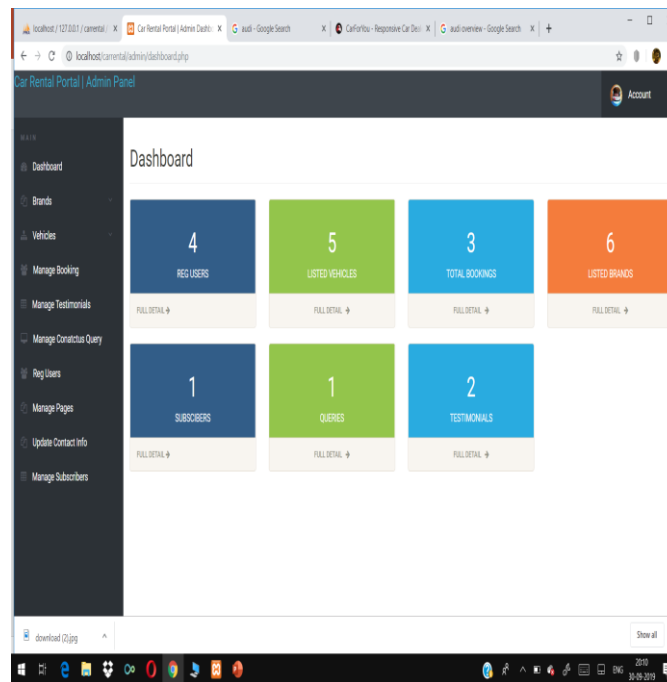
Contact us



Admin



Dash board



SYSTEM IMPLMENTATION

System Implementation is the stage of the project when the theoretical design is tuned into working system. If the implementation system stage is not carefully controlled and planned, it can cause chaos. Thus, it can be considered to be the most critical stage in achieving a successful new system and in giving the users a confidence that the system will work and be effective.

The implementation stage in a project involves,

- Careful Planning investigation of the current system, checking constraints and the implementation.
- Training the staffs in the newly developed system.

A software application in general is implemented after navigating the complete life cycle method of a project. Various life cycle processes such as requirement analysis, design phase, verification, testing and finally followed by the implementation phase results in a successful project management. The software application which is basically Windows based application has been successful implemented after passing various life cycle processes mentioned above.

As the software is to be implemented in a high standard industrial sector, various factors such as application environment, user management, security, reliability and finally performance are taken as key factors throughout the design phase. These factors are analysed step by step and the positive as well as negative outcomes are noted down before the final implementation.

Security and authentication is maintained in both user level as well as the management level. The data is stored in MySQL, which is highly reliable and simpler to use, the user level security is managed with the help of password options and sessions, which finally ensures that all the transactions are made securely.

The application's validations are made, taken into account of the entry levels available in various modules. Possible restrictions like number formatting, date formatting and confirmations for both save and update options

ensures the correct data to be fed into the database. Thus, all the aspects are charted out and the complete project study is practically implemented successfully for the end users.

IMPLEMENTATION PROCEDURES

During the software-testing phase each module of software is thoroughly tested for bugs and for accuracy of output. The system developed is very user-friendly and the detailed documentation is also given to the user as online help wherever necessary. The implementation phase normally ends with the formal test involving all the component. The entire system was developed using the PHP, HTML, JavaScript, Personal Web Server, and MYSQL as back end. The HTML is used to design the web page. The Personal Web Server is used to understand the client's request and to send response to them. The MYSQL is the back-end tool where the database resides. Hence the design of the entire system is user-friendly and simple the implementation has been quite easy.

CONCLUSION

This project has given me an ample opportunity to design, code, test and implements an application. This has helped in putting into practice of various Software Engineering principles and Database Management concepts like maintaining integrity and consistency of data. Further, this has helped me to learn more about MYSQL, PHP, HTML, JAVASCRIPT, Adobe Photoshop 7.0 and Personal Web Server.

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