International Conference on Science, Engineering & Management Trends

International Journal of Science, Engineering and Technology
ISSN: 2348-4098, P-ISSN: 2395-4752

Car Dealership and Reservation Management System

S.Balaji, G.Sandeep, R.Koteswar Reddy, T.V.Sathish, Mrs.R.Dhivya
Muthayammal Engineering College Rasipuram, Tamilnadu

Abstract- This is a live project which was developed for a local Vehicle Agent. It is useful to the Agent to maintain the User details, Sales Details, Company items and services and also Vehicle Details. If any user buy a vehicle in loan that persons vehicle will recognizes with the help of vehicle no. The agent will enter the Vehicle No It will help the user to search the vehicle details and the required details of the User. The agent enters the User details and maintain admin details. Regarding the registration module, it contains the information about newly joined User details like name of the user, password etc. Billing and Payment Detail will contain the details like Actual Amount to be paid. Searching is having the details of the user. Any agent will login and search the details of the user it will show all details like user Details, vehicle name, payment type etc. This "Car Showroom Management System" project mainly contains the vehicle information and loan recovering details. The vehicle is purchased that vehicle amount will be cleared or not. Creating the application for car show room management system.

Keywords- component, formatting, style, styling, insert

I. INTRODUCTION

Car Showroom Management System is a project that is used to manage and control the complete record of Cars. To present hold the record of Cars, Customers, corporations, booking. This Car showroom management system project is devised for Admin and users who are engaged in cars. This system has the track of all the cars with every single detail. From the date of production to up to what price can one consult while taking that car, one can view all the data here. If someone is Identify applicable funding agency here. If none, delete this. involved in buying the car, then he/she can reach the retailer as well for the same, via the system.

II. EXISTING PROBLEM

This car showroom management software is developed for managing all the data related to car showroom, customers, owner and employees as well. The software contains a Web application. The website is designed with the help of C.net coding. we are using ORACLE XML DB Protocol Server for updating, deleting, storing, query, accessing data. It also provides native SQL supported by encompassing SQL data models. FTP (File Transfer Protocol) is used to transfer files from one host to another host. The internet FTP has been incorporated into productivity application such as web page also uses Join algorithm for merging the data. In this, CSS is used for the styling of the web application and Java script is used for linking with the images and banner. All the coding is developed in Photoshop (Version cs3) software. Desktop application that is Database uses Single stored procedure instead of creating separate procedures for each operation. These procedures are to be

International Journal of Science, Engineering and Technology
ISSN: 2348-4098, P-ISSN: 2395-4752

accessed in the code, depending upon the action performed by end user on a button click. Primary key is set on the id's and another keys according to the need. The project is a car showroom management system which is developed using C.net 2010 as front end and SQL Server 2008 R2 management as backend. Textbox label is used for login and created classes for adding another information.

III. PROBLEM STATEMENT

In a modern car showroom, the management of daily operations such as maintaining vehicle inventory, handling customer inquiries, tracking sales, and generating reports is often done manually or using outdated. This leads to inef- ficiencies, errors, and delays in providing quality service to customers. Difficulty in tracking vehicle availability. Errors in managing customer and sales records. Inefficient handling of test drive scheduling and sales follow-ups. Poor visibility into financial and operational performance.

1. Proposed System

Car showroom management system is very effective. If directly on the Java platform. A special kind of application known as a server serves and supports clients on a network. Examples of servers are Web servers, proxy servers, mail servers, and print servers. Another specialized program is a servlet. A servlet can almost be thought of as an applet that runs on the server side. Java Servlets are a popular choice for building interactive web applications, replacing the use of CGI scripts. Servlets are similar to applets in that they are runtime extensions of applications. Instead of working in browsers, though, servlets run within Java Web servers, configuring or tailoring the software components that provides a wide range of functionality. Every full implementation of the Java platform gives you. The following features:

Someone is interested in buying any car or bike, then he/she • The essentials: Objects, strings, threads, numbers, input and can check all the information related to the car or bike in the output, data structures, system properties, date and time, and given portal. He/she can even book the test drive within the so on.

System. The proposed system also helps the buyer to check • Applets: The set of conventions used by applets.

Which cars and companies are good for them, by showing • Networking: URLs, TCP (Transmission Control Protocol), UDP them the past reviews about the car/companies. The proposed system is so helpful and effective.

2. Software Description

A platform is the hardware or software environment in which program runs. We've already mentioned some of the most popular platforms like Windows 2000, Linux, Solaris, and MacOS. Most platforms can be described as a combination of the operating system and hardware. The Java platform differs from most other platforms in that it's a software-only platform that runs on top of other hardware-based platforms. The Java platform has two components:

- The Java Virtual Machine (Java VM)
- The Java Application Programming Interface (Java API) You've already been introduced to the Java VM. It's the base for the Java platform and is ported onto various hardware-based platforms. The Java API is a large collection of ready-made software components that provide many useful capabilities, such as graphical user interface (GUI) widgets. The Java API is grouped into libraries of related classes and interfaces; these libraries are known as packages. The next section, What Can

International Journal of Science, Engineering and Technology
ISSN: 2348-4098, P-ISSN: 2395-4752

Java Technology Do? Highlights what functionality some of the packages in the Java API provide. The following figure depicts a program that's running on the Java platform. As the figure shows, the Java API and the virtual machine insulate the program from the hardware.

3. Project Design

The most common types of programs written in the Java programming language are applets and applications. If you've surfed the Web, you're probably already familiar with applets. An applet is a program that adheres to certain conventions that allow it to run within a Java-enabled browser. However, the Java programming language is not just for writing cute, entertaining applets for the Web. The general-purpose, high- level Java programming language is also a powerful software platform. Using the generous API, you can write many types of programs. An application is a standalone program that runs

(User Data gram Protocol) sockets, and IP (Internet Protocol) addresses.
The Java platform also has APIs for 2D and 3D graphics, acces- sibility, servers, collaboration, telephony, speech, animation, and more. The following figure depicts what is included in the Java 2 SDK.

4. JDBC

In an effort to set an independent database standard API for Java; Sun Microsystems developed Java Database Connectiv- ity, or JDBC. JDBC offers a generic SQL database access mechanism that provides a consistent interface to a variety of RDBMSs. This consistent interface is achieved through the use of "plug-in" database connectivity modules, or drivers. If a database vendor wishes to have JDBC support, he or she must provide the driver for each platform that the database and Java run on. To gain a wider acceptance of JDBC, Sun based JDBC's framework on ODBC. As you discovered earlier in this chapter, ODBC has widespread support on a variety of platforms. Basing JDBC on ODBC will allow vendors to bring JDBC drivers to make it much faster than developing a completely new connectivity solution. JDBC was announced in March of 1996. It was released for a 90 day public review that ended June 8, 1996. Because of user input, the final JDBC v1.0 specification was released soon after the remainder of this section will cover enough information about JDBC for you to know what it is about and how to use it effectively. This is by no means a complete overview of JDBC. That would fill an entire book.

IV. CONCLUSION

This is the perfect system for the car showrooms to manage their data and help their customers to buy a car or bike in second hand without any problem. It makes the process of buying a car or bike very simpler. Hence here we successfully created a car show room management system web application.

Future Enhancement

With companies such as Facebook, Sony, Google and Sam- sung investing billions of pounds in virtual reality (VR), it's of customers' shopping experiences over the next 10 years. Industry experts expect 12 million VR headsets to be in use by 2017 and, by 2020, it's estimated that VR will be a £20bn industry. While Gordon believes VR may take off with a certain demographic, he is still not convinced it will play a major role in dealerships, due to bulky headsets and headphones being a barrier to entry for older generations in particular. However, some manufacturers have already invested in dealership VR technology. Audi has a prototype VR project with Zero Light at its Audi City showroom, which will be introduced in "select" dealerships. Customers will be able to use a VR headset to move around

International Journal of Science, Engineering and Technology
ISSN: 2348-4098, P-ISSN: 2395-4752

vehicles, sit in the driver's seat or front passenger's seat and take in all of the visuals of a vehicle's exterior and interior in high definition. Audi's head of design can talk the customer through details .

Broadcasting and Beacons

Dealerships of the future will be able to take advantage of beacon technology that connects to customers' wearable technology and smartphones. It will mean that when customers have configured a car online, searched for stock or quoted for finance, all that work can be carried and communicated to the dealership's systems as soon as they walk through the door. Gordon said forcing consumers to repeat that process once they enter a dealership turned "excitement to frustration". Apple Stores in the US use a system called iBeacon – short-range, Bluetooth, low-energy transmitters that can notify mobile devices when they come within 100 feet. Proximity can be fine-tuned so, in theory, the sales area, used car area or service desk can each connect with customers' mobile phones. Dealerships could send customers current finance offers for cars they are walking past, prepare pre-ordered parts for collection the minute someone comes through the door or even let customers pay for servicing through their smartphone as soon as they arrive to collect their car.

REFERENCES

1. Bondar, "Design Of Interactive Web System Construction Using Java Script", Presents the architecture of the model functioning of website with elements of interactive UI, Microwave And Telecommunication Technology, Page No. 387- 388,Pp. 10-14 Sept. 2012.
2. Bhagat, "Insert, Update, Delete Data From Databases", Using updatable result set and callable statement to perform data manipulaton, Wiley -IEEE Press, Page No. 488-554, Pp. 2011 Dr. Ying Bai, "Data Inserting With Visual C.Net", Various queries using stored procedure, Wiley-IEEE Press, Page No.439-550, Pp. 2010.
3. Dr. Ying Bai, "Data Selection Query With Visual C.Net", Query data using runtime objects to SQL server database, Wiley IEEE Press, Page No. 235-438, Pp. 2010
4. Gueddano, "Data Updating And Deleting With Visual C.Net", Using LINQ to SQL query, it updates and delete data in database, Wiley-IEEE Press, Page No. 561-624, Pp. 2010.
5. Singal, "Web Application For Analysis Of CSS Styling Issues", The way of using CSS styles varies for different web browsers and operating systems, Computer Engineering And Applica- tion(ICA CEA), Page No. 415418, Pp. 19- 20 March 2015.
6. Wang, "The Design And Implementation Of Online Management System", It make the system more secure, E-Business And E- Government(IEEE), Page No. 1-4, Pp. 6-8 May 2011.

International Journal of Science, Engineering and Technology
ISSN: 2348-4098, P-ISSN: 2395-4752