

# 24\*7 Wagon Management System for Car Showroom

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## Abstract

The objective of this thesis titled “24\*7 Car Showroom Management System”, is to provides solution for showrooms for organizing data using web applications. This web application helps administrator to update data in step-by-step process while selling car to customer. Using this system management team can update customer’s information, car information, payment details, insurance details, servicing details, take orders, etc. 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 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 back end. Textbox label is used for login and created classes for adding information.

**Keywords: Frameworks, FTP, Database**

## I. INTRODUCTION

As the management is a vital tool in the any organization. Our prosper aim is to digitized the Management system with some new features.

The project consists of overall management of car showroom through web application. The every showroom have a bulk quantity of man power, machineries, different sectors so it is desired to manage that all system very efficiently to avoid problems occurs in the organization.

This project describes the complete process of selling vehicle to the customer from the dealer showroom. While executing the process, the dealer can manually maintain the vehicle business transaction type, which means, the vehicle to sell to the customer.

### A. Features

It provides Easy way to manage entire feature of car showroom. Reduces manual work and total no of employees, sales report and stock reports will help admin to analyze performance. It provides solution for managing distributors’ data and billing details.

### B. Admin

In organizations, an admin devices short-term and long-term plans that establish a clear set of objective that aim to get the organization where it wants to go. This organization allows the administrator to coordinate the efforts of a showroom to achieve one or a set of goals collectively.

There are three main admin:

#### 1) Sales

This admin will watch all the works related to sales department.

2) *Chatting*

We are implementing a new technique for the comfort zone of the customer for the better communication. We are using a chatting feature. Which directly reduce an effort of customer?

3) *Servicing*

This admin alert the customer for servicing his car or a due is coming for servicing. The mail will be sent to that customer.

4) *Contribution*

Scheduling is the management of organization. The special feature added to this project is chatting. If customer has any queries they can directly contact to the employee through this feature.

**II. OVERVIEW**

Digitization is changing the way, cars are marketed and sold. But many original equipment manufacturers have been slow to embrace new online channels, teaching dealers to find for themselves as new rivals use digital marketing technologies to siphon profits from the automotive value chain. Automakers must join forces with their dealers to build first class digital sales and marketing capabilities. This will require fundamental changes in the role of dealers and geography based distribution systems that were not designed for the border less online marketplace.

Digitization of car showroom can engage prospective buyers across a range of channels that can rejuvenate their sales and marketing and convert digital minded consumers into loyal long time customers.

The project comprises of a web application for managing a car showroom. The digitization of the automobile company is being done by using the project. It provides ease to customers and employees by reducing manual and paper work.

**III. PROPOSED SYSTEM**

The aim of proposed is to develop a system of improved facilities. The propose system can overcome all the limitations of the existing system. The system provides proper security and reduces the manual work.

The proposed system consists of main three parts i.e. designing, database and coding. Designing is used for the design of the various views like banner and pages using CSS html and JavaScript. Database is used for the creating the database and save the information of the employees and customers using R2management SQL server. Coding is used for database connectivity.

The system will make the whole process user friendly. Dealerships need not be placed close to the customers as customer only needs to visit it once to collect the car. Users can check the system at any time to prevent errors and sales representatives need not be troubled about keeping the customer informed.

**A. Database Connectivity**

Before you can build pages that are database driven, you must first establish connection between your web server and your database. In the windows operating system, this process is relatively straightforward, but there are several potential pitfalls that can keep your page from effectively communicating with your database. The step-by-step process of setting up a data source name for your database is given below:

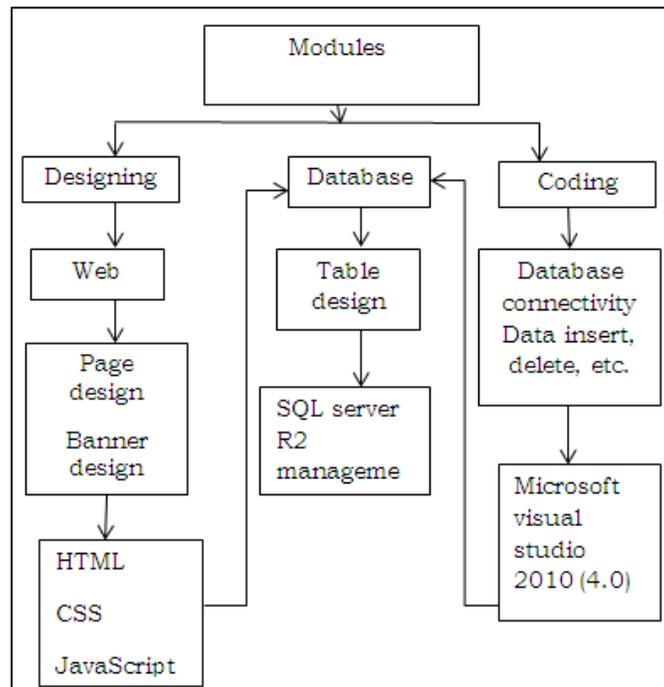


Fig. 1: Proposed Module

Creating a Data Source (DNS) Entry: after you have built database and have it located on your web server, the first step in building your database-driven site is to create an avenue of communication between your web server and the database. While this can be accomplished using drivers designed specifically for your flavor of database, it is much easier to use Open database connectivity driver (ODBC) or the java database connectivity driver (JDBC) to accomplish the task.

ODBC & JDBC are the standards that have been developed for communicating with modern databases. Most of the today's databases, including access, SQL server, and DB2, are capable of using the ODBC driver. Other databases are capable of using JDBC driver.

**B. Adding a database**

DISPLAYING DATA FROM DATABASE: In a webpage, user can easily display data from a database. You can connect to an existing database, or you can create a new database.

**C. Domain name**

Domain name must be registered. When domain names are registered, they are added to a large domain name register. In addition, information about the website, including IP address, is stored on a DNS server. DNS stands for domain name system. A DNS server is responsible for informing all other computers on the internet about the domain name and the website addresses. A domain name is a unique name for a website. e.g. www.google.com

1) Registering domain:

Domains can be registered from domain name registering companies. These companies provide interfaces to search for available domain names, and they offer a variety of domain name extensions that can be registered at the same time.

2) Choosing a domain name:

when choosing a domain name, it is important to consider the purpose of a domain name, which is to provides an easy way to reach your web site. Domain name should be Short, Meaningful, clear and Exposure.

**D. ASP**

ASP stands for active server pages. Asp is a server side scripting technology developed by Microsoft. With asp, you can create dynamic WEB PAGES by putting script code inside your HTML pages. The code is executed by the web server before the page is returned to the browser. Both VBScript and JavaScript can be used. ASP is a standard component in windows 95, 98, 2000, and XP. It can be activated on all computers running windows.

Creating a website:

- Create web page using html
- Add a consistent style using CSS
- Add computer code using JavaScript
- Add static data pages
- Fetch data using http
- Fetch data using SQL

**IV. WORK FLOW**

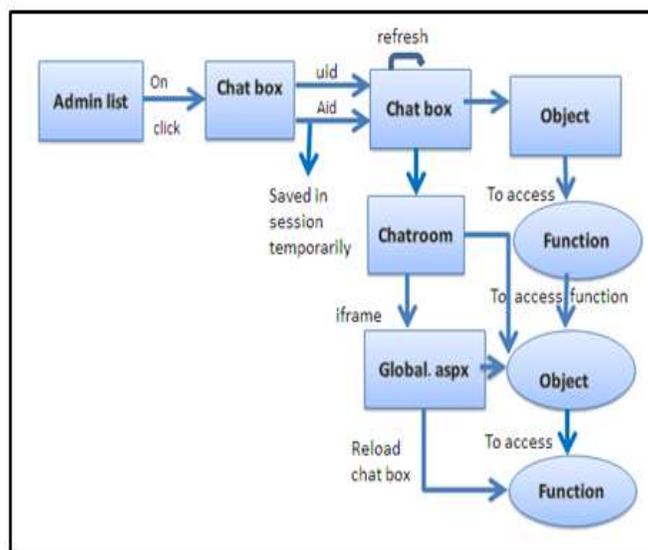


Fig. 1: Flow Of Chatting At Admin Side

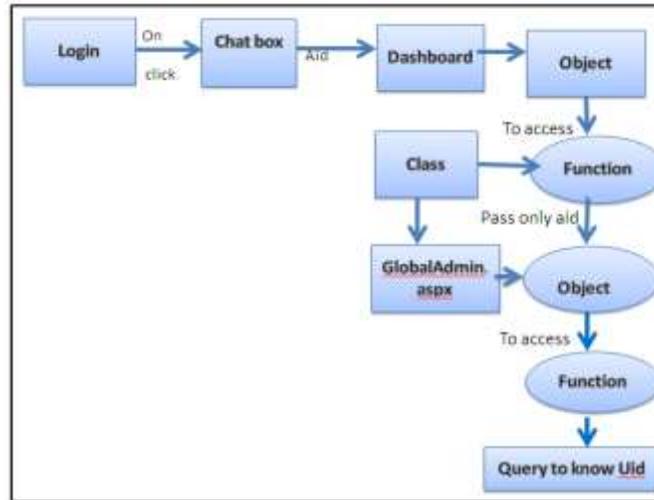
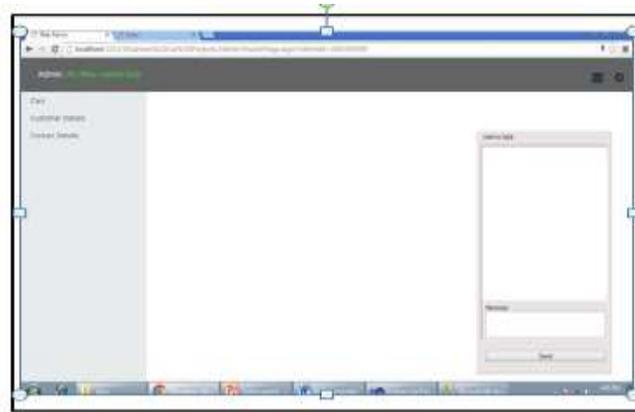
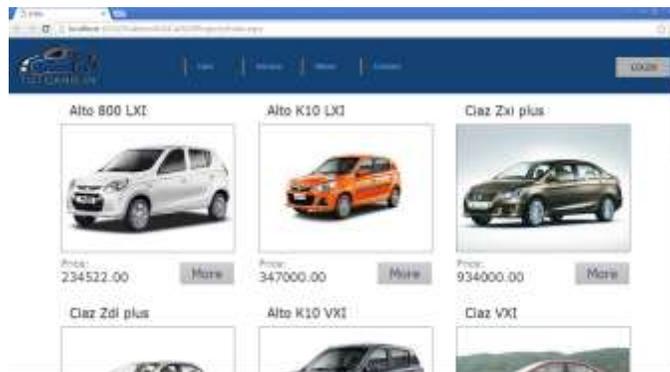


Fig. 3: Flow Of Chatting At UserSide



Snapshot. 1: chat box



Snapshot. 2: car details



Snapshot. 3: home page

## V. EASE OF USE

The project is all about how to manage a car showroom. The database is created and the homepage is created using several frameworks. As there are three admins are available, so any user/outsider cannot access this application as the admin has right to grant and deny the access. The user can do chatting with admin through the available chat box in this web application to solve the queries related to car showroom.

## VI. FEATURES

The system is very simple in design and to implement. The system requires very low system resources and the system will work in almost all configurations.

- 1) Security of data
- 2) Ensure data accuracy
- 3) Proper control of the higher officials
- 4) Minimize manual data entry
- 5) Greater efficiency
- 6) Better service User friendliness and interactive
- 7) Minimum time needed for various processing

## VII. CONCLUSION

The project is all about how to manage a car showroom. The database is created and the homepage is created using several frameworks. As there are three admins are available, so any user/outsider cannot access this application as the admin has right to grant and deny the access. The user can do chatting with admin through the available chat box in this web application to solve the queries related to car showroom.

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