ONLINE CAR SHOPPING

This application is basically a car sales management system which manages the sales operations of the cars.

It also includes the inventory system from wherein we can update, modify records of all the employees of the system and product of the system. The car sales system also maintains a database for dealers and can generate reports for each car specifically.

It also provides detailed check in and checkout report of each employee who logged into the system.

The software produced targets on tracking of various transactions of **car sales** done by owing the organization to keep a record of it, which may be used for future references, and for quick and vital decision.

A system is an organized set of functional units and components. Automobiles system, as its name suggests a system with various objectives. The organization consists of storing information and the data about the customers, inventory stock etc.

This means that proper co-ordination is required within the organization for smooth and effective functioning of the company. Organization consists of various vital information resources – the customers, inventory etc.

The database is maintained which consists of the data which the organization requires that could be useful for getting timely updates of data stored and can retrieve the summary reports of the data in future if required.

The system is also useful for generating reports about the transactions carried out, for generating bills for the customers which are useful at the time of delivery.

The organizations can also retrieve the information stored about a particular customer or stocked inventory whenever it wants. It also has a facility to create a backup of the database.

**DESCRIPTION OF SYSTEM**

**Online Vehicle Showroom**is software for **car** dealers, **car** salespeople. Software helps **car** dealers to maintain vehicle for **sale** inventories, quickly create **car** sales listings, track and manage **car** sales.

Software typically includes support for all aspects of running a dealership such as:

* Tracking sales
* Model Details
* Purchase details
* Maintaining Customer Feedback
* Maintaining employee Personal Record
* Purchase record of automobile parts
* Sales record of automobile parts
* Crystal report for bill printing
* Maintaining Car service records
* Sales report
* Purchase report
* Customer report

**EXISTING SYSTEM**

The Existing system is manual system. All kind of works are carried out manually by the employees of the organization. Bill books are having bill number and the name of the customers. Separate registers are maintained for keeping written records of Bill, Stock, Services and Customers.

**Limitations of the Current System:**

At present, the requirements of the system are done manually and hence there are number of limitations.

* The information is maintained in books and files, which is very difficult.
* Reports are produced by manual processing, that will be an unformatted manual and unreliable.
* Data security is less.
  + Records are more prone to getting lost or misplaced.
  + The Online Vehicle Showroom has a large customer database which cannot be deal with using files and paper work methods.

**Customer Register:-**

Separate books are maintained to keep the of a customer name, address, contact information, car no etc.

**Employee Register:-**

It has the details of the sales handled by the vendor. This register has the vendor name and the bill number.

**Customer Bill Register:-**

Separate bill book are maintained in which date, total amount and number of items sales are written by the cashier.

**Administration Register:-**

A separate book of all the details of the vendor and its bill are maintained.

**Stock Register:-**

It has all the details of the stocks, product name and quantity of products available.

Once the customer has given the final order, a written bill is handled over to the customer and the copy of same is kept for reference. In the stock register, some quantity of items can be stored. After each service, the sold parts are deleted from the register.

**PROPOSED SYSTEM**

* The Car Sales Management System maintains systematic records of the dealers, cars, employees, customers in a cost effective manner.
* It provides Data security by providing authentication for the user of the system.
* All records can be accessed exclusively by the administrator. The administrator has the rights to modify any record.
* Increased end user productivity because of flexible data access.
* Graphically oriented, highly interactive user interface.
* Increased developer productivity through usage of easy to use easy tools.
* Improved access to information because of networking.
* Better control of corporate data through centralized data, Systems & network management.
* Easier maintenance of application & data.
* It reduces the burden of staff.

**ADVANTAGES OF PROPOSED SYSTEM**

* + - The proposed system fulfills all the functions needed by the management regarding database entries, customer and payments details.
    - System maintains all required information of the customer, parts, accessories, vendor, purchase payment details, sales details.
    - System provides various notes related to service to facilitate the mechanics.
    - System maintain backup of data base, import data, export data, to avoid loss of data.
    - System gives alert automatically for low stock status.
    - System maintains detail of the stock.
    - The system allows the user to calculate any sort of payment related calculations.
    - Reports are generated automatically when required.
    - Bills are also generated automatically.
    - In addition the system provides:
    - Improved reports generation with improved handling of data.
    - Accurate and systematic archiving of records.
    - Radical facility of payment calculations.
    - More automated payment calculations.

**HARDWARE CONFIGURATION**

Hardware specification of the system that is used in this project is,

° Processor                        Intel® Pentium® (1.03 GHZ)

° Memory                           1 GB RAM (1.86GB usable)

° Hard disk                         160 GB

**SOFTWARE CONFIGURATION**

Software specification of the system that is used in this project is,

° Operating System            WINDOWS 2005 & Above

° Front end                           VISUAL STUDIO 2010

° Back end                           SQL SERVER