Project Report

On

CAR NATION

(Sales & Purchase)

Submitted by:

Tallhah-rajpoot   ---------------- 25205

Introduction

Our application "CAR NATION" will be used for showroom which will be buying and selling cars online. It will be done through an application. The program will buy and sell cars to its users. The admin can add a newly bought car and sell a car. It will also let the user search cars. The admin can easily handle the data within program. The data file will be updating as we exit the program.

There will be two main portions in the application

- Admin
- Customer

1- Admin

Login()

Admin will set an ID and password so he can make changes in the data of cars.

Add()

It will let the newly purchased cars to be added in the file.

Remove()

It will let the admin remove sold cars

Search()

It will let the admin search for any car in data structure

update File()

It will update the main file in the end

update ()

It will let the admin change the price or the other credentials of the car.

Create Invoice()

makes an invoice for the customer and for the record that holds the details of what is being bought and for how much.

2- Customer

We will ask first if the customer want to buy the car or sell one.

Buy()

It will let the customer search the car and ask if they want to buy it. The respective car will be deleted from the data structure

Sell()

If the customer want to sell a car to he company it will ask the details of the car and calculate the price of the car.

Create Price()

it will ask the customer the condition of the car and create a price accordingly.

Create Invoice()

makes an invoice for the customer and for the record that holds the details of what is being bought and for how much.

Notice:

We will use data structures concept to make the functions efficient. The concept will be trees and queue and it might have classes of their own.