

ABSTRACT

The abstract of a car showroom management system is a brief summary of the main objectives, features, and benefits of the software application that helps to manage and control the various aspects of a car showroom.

An example of an abstract for a car showroom management system is:

The car showroom management system is a web-based application that automates and simplifies the processes involved in a car showroom, such as inventory management, sales management, customer management, employee management, etc. The system allows customers to browse through the available cars and place orders online. The system also enables the employees to manage the inventory, customers, and sales efficiently. The system provides reports and insights on various aspects of the business, such as sales trends, customer satisfaction, inventory levels, etc. The system also helps to monitor and manage the supply chain and predict potential risks or opportunities. The system aims to improve the customer experience, increase the business performance, and reduce the operational costs of a car showroom.

INTRODUCTION

A car showroom management system is a software application that helps to manage the operations of a car showroom. It can handle tasks such as inventory management, sales management, customer management, service management, and reporting.

The system can improve the efficiency and productivity of the showroom staff, as well as enhance the customer satisfaction and loyalty. The system can also provide insights and analytics on the performance and trends of the showroom business.

PROBLEM STATEMENT

The problem statement of a car showroom management system is to identify and define the main problems or challenges that a car showroom faces in its daily operations, and how a software application can help to solve them.

How to manage and update the inventory of cars and their details, such as model, price, features, etc

OBJECTIVE

The objective of a car showroom management system is to automate and simplify the processes involved in a car showroom, such as inventory management, sales management, customer management, employee management.

To help analyze the business performance and make informed decisions, as reports and insights on various aspects of the business, such as sales trends, customer satisfaction, inventory levels, etc. can be generated and viewed easily

SYSTEM REQUIREMENT

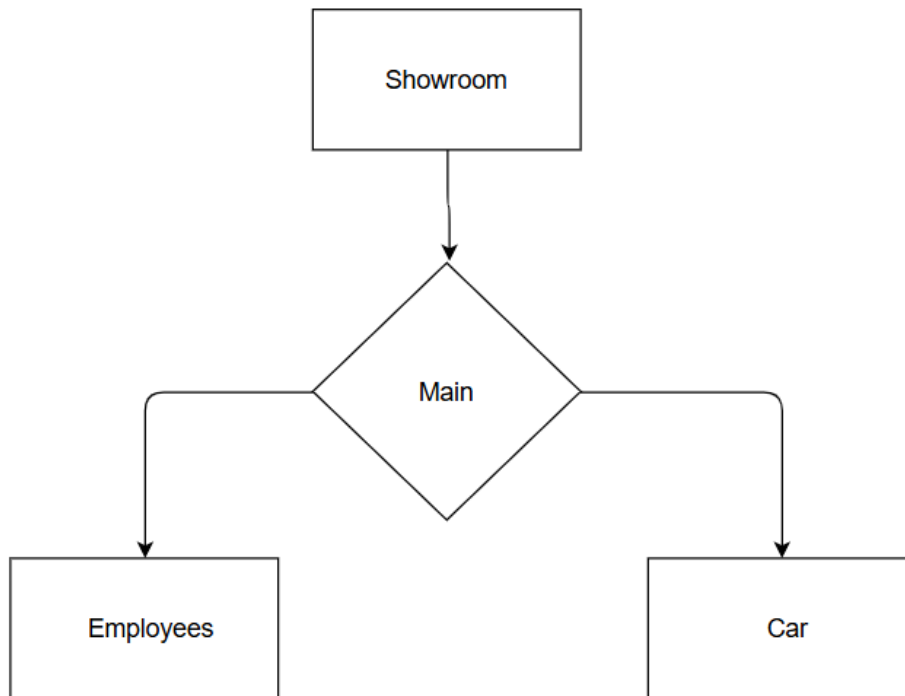
Software Requirements:

- Front end:-J2SDK 1.6.

Hardware Requirements:

- Processor:- Intel i5
- RAM:-8 GB
- ROM:-512 GB

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ADVANTAGES

- It can provide a convenient and seamless experience for your customers, who can browse through the available cars and place orders online. You can also track their preferences and behavior and offer personalized services and incentives.
- It can help you monitor and manage your supply chain and predict potential risks or opportunities, as you can keep track of the availability and movement of vehicles across different locations. You can also use data to forecast demand and supply and plan accordingly.
- It can help you analyze your business performance and make informed decisions, as you can generate reports and insights on various aspects of your business, such as sales trends, customer satisfaction, inventory levels, etc. You can also use data to optimize your marketing spend and measure its impact on sales performance.

Result

1. ADD SHOWROOMS

The screenshot shows a Java application running in an IDE. The main window displays a menu with the following options:

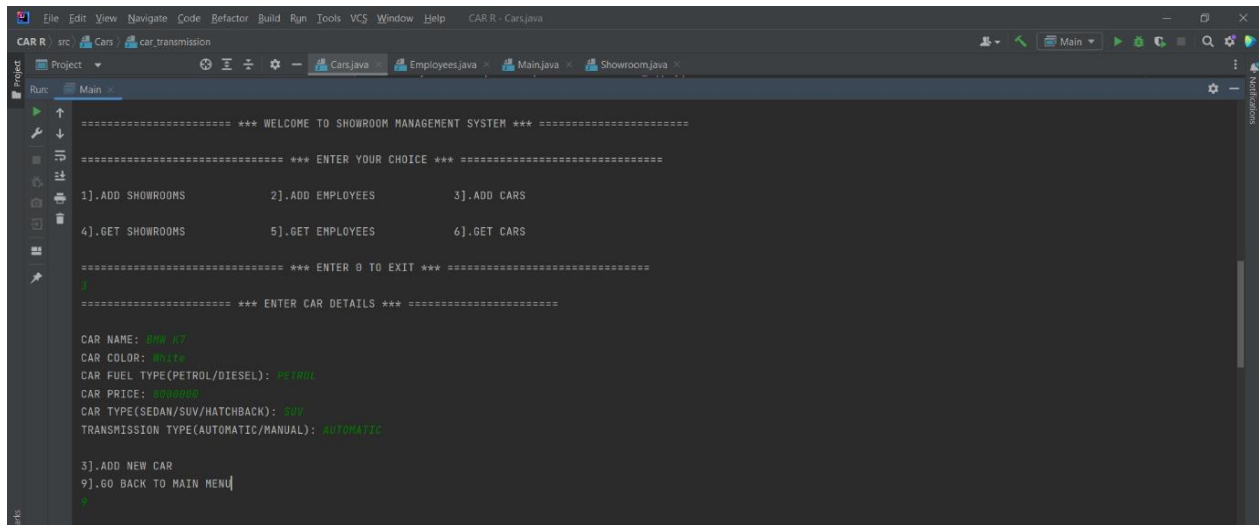
```
===== *** WELCOME TO SHOWROOM MANAGEMENT SYSTEM *** =====
===== *** ENTER YOUR CHOICE *** =====
1).ADD SHOWROOMS      2).ADD EMPLOYEES      3).ADD CARS
4).GET SHOWROOMS      5).GET EMPLOYEES      6).GET CARS
===== *** ENTER 0 TO EXIT *** =====
0
===== *** ENTER SHOWROOM DETAILS *** =====
SHOWROOM NAME: Delozi
SHOWROOM ADDRESS: PUNE 411014
MANAGER NAME: Shreyan Delozi
TOTAL NO OF EMPLOYEES: 10
TOTAL CARS IN STOCK: 10
1).ADD NEW SHOWROOM
9).GO BACK TO MAIN MENU
0
```

2. ADD EMPLOYEES

The screenshot shows the same Java application running in an IDE, but with the 'ADD EMPLOYEES' menu selected. The main window displays the following options:

```
===== *** WELCOME TO SHOWROOM MANAGEMENT SYSTEM *** =====
===== *** ENTER YOUR CHOICE *** =====
1).ADD SHOWROOMS      2).ADD EMPLOYEES      3).ADD CARS
4).GET SHOWROOMS      5).GET EMPLOYEES      6).GET CARS
===== *** ENTER 0 TO EXIT *** =====
0
===== *** ENTER EMPLOYEE DETAILS *** =====
EMPLOYEE NAME: 09
EMPLOYEE AGE: 10
EMPLOYEE DEPARTMENT: Car Department
SHOWROOM NAME: Delozi
2).ADD NEW EMPLOYEE
9).GO BACK TO MAIN MENU
0
```

3. AADD CARS



The screenshot shows an IDE window titled "CAR R - Cars.java". The "Run" tab is active, displaying the output of a Java program. The program is a menu-driven system for a showroom management system. The user has selected option 3, "ADD CARS". The program prompts for car details: CAR NAME (BMW M7), CAR COLOR (White), CAR FUEL TYPE (PETROL/DIESEL) (PETROL), CAR PRICE (8000000), CAR TYPE (SEDAN/SUV/HATCHBACK) (SUV), and TRANSMISSION TYPE (AUTOMATIC/MANUAL) (AUTOMATIC). The program then displays the updated menu with option 3 highlighted.

```
===== *** WELCOME TO SHOWROOM MANAGEMENT SYSTEM *** =====
===== *** ENTER YOUR CHOICE *** =====
1).ADD SHOWROOMS      2).ADD EMPLOYEES      3).ADD CARS
4).GET SHOWROOMS      5).GET EMPLOYEES      6).GET CARS

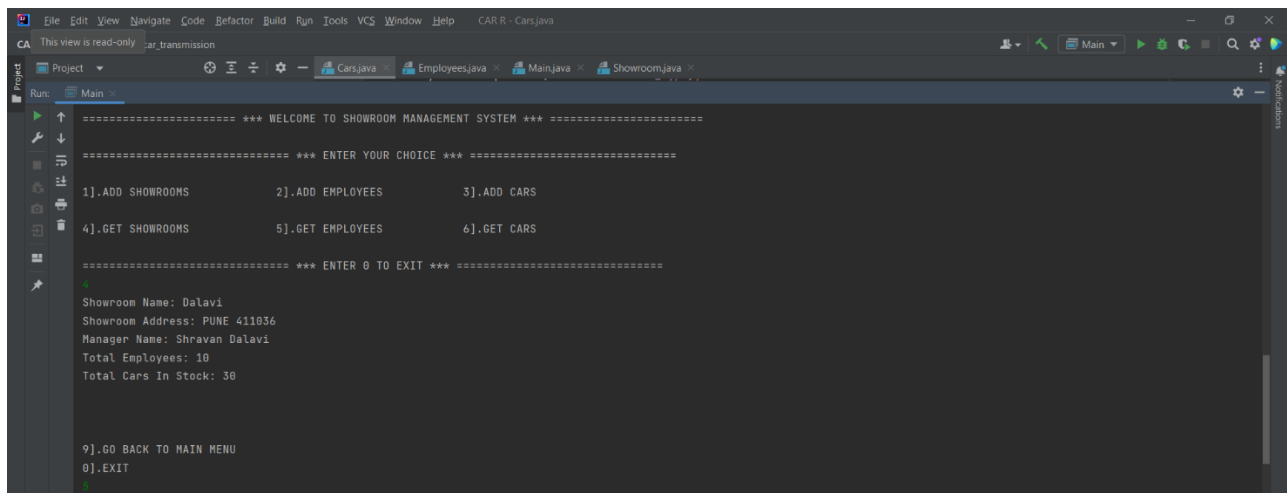
===== *** ENTER 0 TO EXIT *** =====
3

===== *** ENTER CAR DETAILS *** =====

CAR NAME: BMW M7
CAR COLOR: White
CAR FUEL TYPE(PETROL/DIESEL): PETROL
CAR PRICE: 8000000
CAR TYPE(SEDAN/SUV/HATCHBACK): SUV
TRANSMISSION TYPE(AUTOMATIC/MANUAL): AUTOMATIC

3).ADD NEW CAR
9).GO BACK TO MAIN MENU|
0
```

4. GET SHOWROOMS



The screenshot shows the same IDE window as before, but now the user has selected option 4, "GET SHOWROOMS". The program displays the following information: Showroom Name: Dalavi, Showroom Address: PUNE 411036, Manager Name: Shravan Dalavi, Total Employees: 10, and Total Cars In Stock: 30. The program then displays the updated menu with option 4 highlighted.

```
===== *** WELCOME TO SHOWROOM MANAGEMENT SYSTEM *** =====
===== *** ENTER YOUR CHOICE *** =====
1).ADD SHOWROOMS      2).ADD EMPLOYEES      3).ADD CARS
4).GET SHOWROOMS      5).GET EMPLOYEES      6).GET CARS

===== *** ENTER 0 TO EXIT *** =====
4

Showroom Name: Dalavi
Showroom Address: PUNE 411036
Manager Name: Shravan Dalavi
Total Employees: 10
Total Cars In Stock: 30

9).GO BACK TO MAIN MENU
0).EXIT
0
```


5. GET EMPLOYEES

```
===== ** WELCOME TO SHOWROOM MANAGEMENT SYSTEM ** =====
===== ** ENTER YOUR CHOICE ** =====
1).ADD SHOWROOMS      2).ADD EMPLOYEES      3).ADD CARS
4).GET SHOWROOMS      5).GET EMPLOYEES      6).GET CARS
===== ** ENTER 0 TO EXIT ** =====
5
ID: 62ff015b-3142-4bda-86bc-9da9fca8843f
Name: OM
Age: 19
Department: Car Payment
Showroom Name: Dalavi

9).GO BACK TO MAIN MENU
0).EXIT
```

6. GET CARS

```
===== ** WELCOME TO SHOWROOM MANAGEMENT SYSTEM ** =====
===== ** ENTER YOUR CHOICE ** =====
1).ADD SHOWROOMS      2).ADD EMPLOYEES      3).ADD CARS
4).GET SHOWROOMS      5).GET EMPLOYEES      6).GET CARS
===== ** ENTER 0 TO EXIT ** =====
6
NAME: BMW K7
COLOR: White
FUEL TYPE: PETROL
PRICE: 8800000
CAR TYPE: SUV
TRANSMISSION: AUTOMATIC

9).GO BACK TO MAIN MENU
0).EXIT

Process finished with exit code 0
```

ANALYSIS

A car showroom management system is a software application that helps to manage and control the various aspects of a car showroom, such as inventory, sales, customers, employees, etc

Conclusion

This is the perfect system for the car showrooms to manage their data and help their customers to buy a car without any problem. It makes the process of buying a car very simpler.

The Car Showroom Management System is an efficient way of managing the inventory, customers, sales, and employees in a car showroom. It automates the manual processes involved in a car showroom and makes the operations more streamlined and organized.

REFERENCES

WEBSITES VISITED

- WWW.GOOGLE.COM
- New Cars in 2023 : New Cars Price in India | CarDekho.com
- New Cars in India 2023 | New Car Information | Best New Cars - CarWale