



Vishwakarma Institute of Technology, Pune.

Car Sales System

OOP Course Project by ET-B, Batch 3, Group 5



Meet the Group

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Introduction

Car Sales System is a Java application linked with a MySQL database that provides ease at keeping records of a car sales system.

The application has a simple graphical user interface that makes it even easier to use and user-friendly.

Problem Statement

It is hectic and hard to keep records
of cars in a car sales shop
in paper format.

Objectives

 **Storing Car details**

 **Obtaining the details
as needed**

 **Alter the details
stored**



Tools Used

Java

Java is a widely used programming language. Various concepts of object oriented programming have been used throughout the project application.

MySQL

MySQL is used for database management. It stores all necessary data to keep record of, in ROM, in different tables.

Intellij IDEA

Intellij IDEA was used for developing the entire application. It is a well known ide used for programming in Java.



java.awt

It is an API to develop Graphical User Interface (GUI) or windows-based applications in Java. Contains all of the classes for creating user interfaces and for painting graphics and images

java.sql

Provides the API for accessing and processing data stored in a data source (usually a relational database) using the Java.
Used to access MySQL through the application

Packages Used



Methodology

The First Step

Create a list of functions and tasks your application should perform.

The Second Step

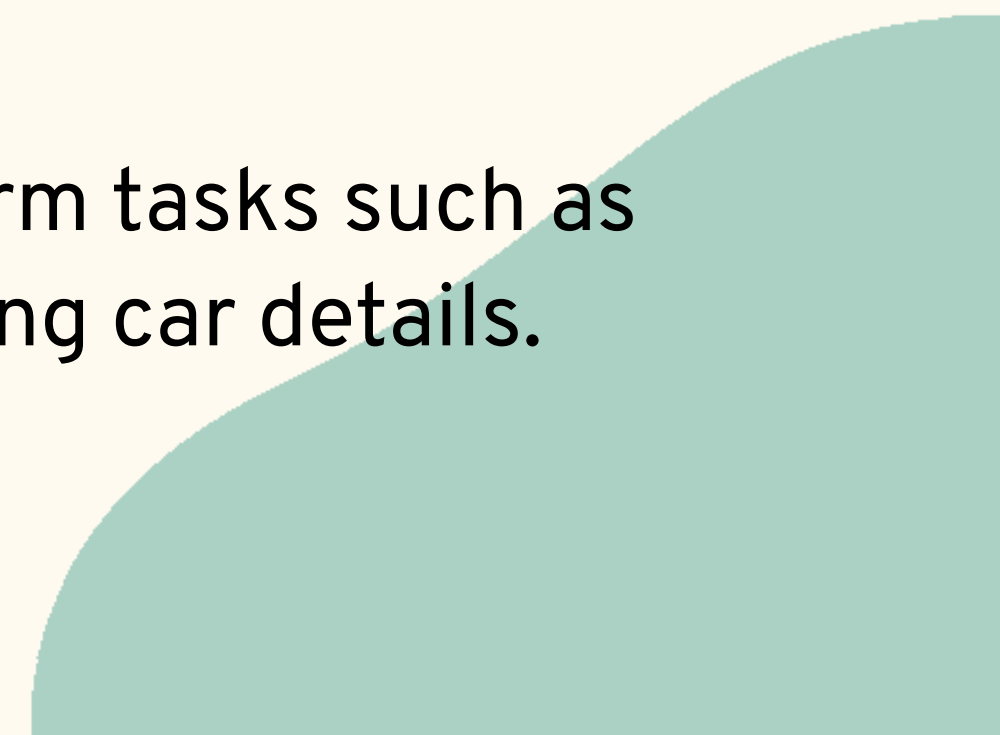
Design a Graphical User Interface with keeping the list created in step 1 and user point of view.

The Third Step

Do the logical programming for storing and retrieving data from the database at the user's request.



Results

- ≡ A graphical user interface designed to meet the application's requirements.
 - ≡ Database connectivity established with the Java application.
 - ≡ Different frame classes created for different tasks.
 - ≡ The application can perform tasks such as adding, removing, searching car details.
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Login Screen

Username

omkar

Password

Reset

Submit

Close

Car Sales System

Add Car

Remove Car

Search Car

Show All Cars

Sell Car

Exit

Unique ID

Model Name

Manufacturer

Price

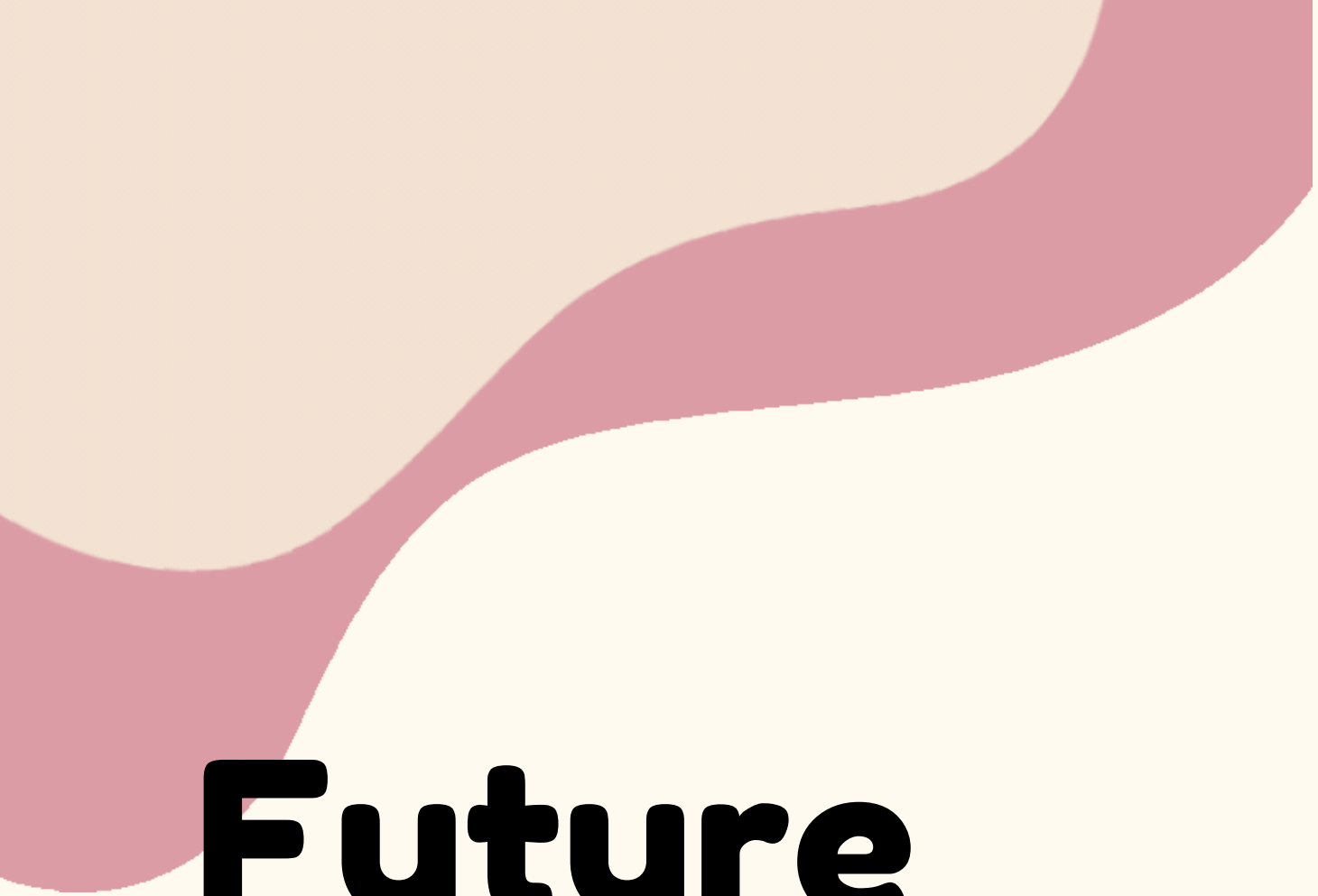
Age

Kms travelled


Additional Info

In good condition.

Next



Future Scope

- ≡ A more interactive graphical user interface can be implemented
 - ≡ Customer details while selling a car can be taken as input and be stored in database
 - ≡ With help of data science, recorded data can be analysed to increase profit
 - ≡ The application can be added with more task performances
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References

- 01** <https://docs.oracle.com/javase/8/docs/api/java/sql/package-summary.html>
- 02** <https://www.marcobehler.com/guides/java-databases>
- 03** <https://www.wikihow.com/Close-a-Window-in-Java>
- 04** <https://stackoverflow.com/questions/5258207/how-to-maximize-a-jframe-through-code>



Thank you!