

Sales report

This GUI based Desktop application is compiled in JAVA Programming language.

The software used are –

- Eclipse IDE for Java Developers
- MYSQL Workbench 8.0 CE

Objective –

- To input data about vehicles and displaying them according to certain constraints.
- To input data about any sale of the vehicle and displaying the sales data in the form of sales report according to date of sale and model.

The databases used are-

- Vehicle database, here the model column is a foreign key.

id	model	color	chasis_no	state
1	3	Aqua White	X3C5K	new
2	3	Platinum Black	XZ23	new
3	4	Ermite Blue	FRDMG23	new
4	5	Champion White	KJ34NS	sold
5	1	White	H2L3M	new
6	2	Metal White	ZX904M	new
7	6	Ebonite Black	LG56W	new

- Model this table stores the modelname with its ID by which the model name is getting stored into the vehicle table as a foreign key.

id	modelName
1	AX21N
2	XM234N
3	AZQ23
4	FORDSMGLA
5	MINI89
6	DRDEVL12
NULL	NULL

- Sales database, the vehicle_id acts as a foreign key .

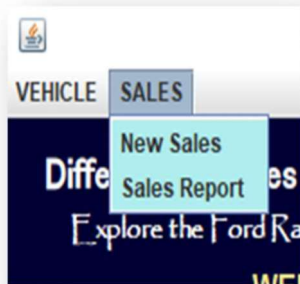
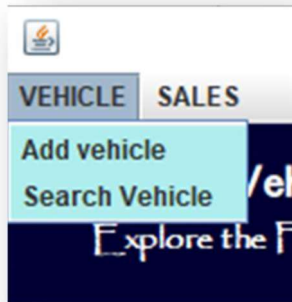
id	sales_date	vehicle_id	cname	address	cont	city	state
1	06/07/21	1	Diljeet Singh	15/54,Civil Lines	8090345678	Kanpur	Uttar Pradesh
2	12/03/21	2	Harry Styles	88/101,Emerald Garden	8327120923	Dehradun	Uttarakhand
3	12/07/21	4	Charles Klause	34/67,VIP Road	8790542367	Pune	Mharashtra
4	10/07/21	3	Rebecca Fatima	56/121-2,P.Road area	9796483021	Kanpur	U.P
5	12/01/21	1	Abdul Hamid	22/123-a , Tilak Nagar	9485763212	Purnea	Bihar
6	09/07/20	3	Aasim Ahsan	45/76,Vinayak Valley	7097867574	Bhopal	M.P.

The UI contains the following modules-

1. Login Page

ID – Users ID

Password- Password to login into the sales page



3. Add Vehicle Page - This page is for adding new vehicles into the database .

It contains-

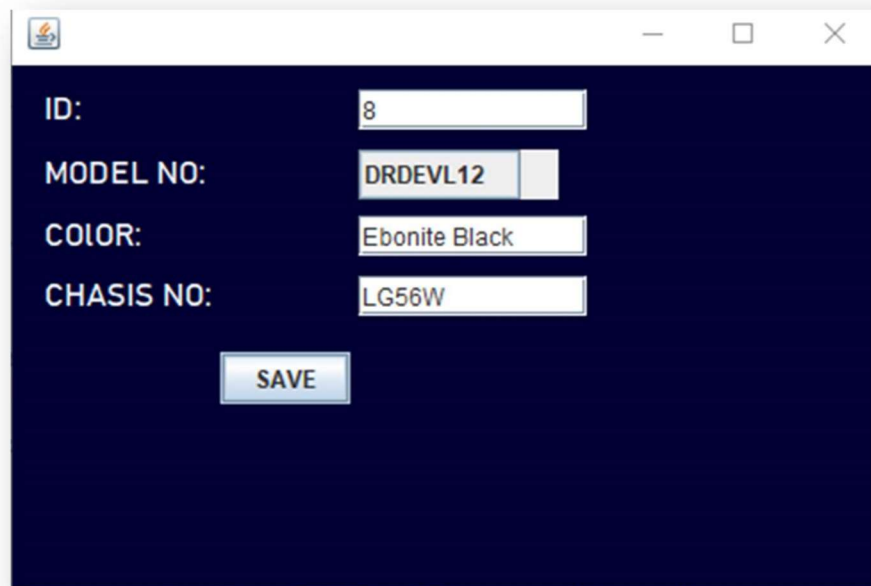
ID – INT

MODEL NO.(Foreign key) – VARCHAR

COLOR – VARCHAR

CHASIS NO - VARCHAR

SAVE - BUTTON

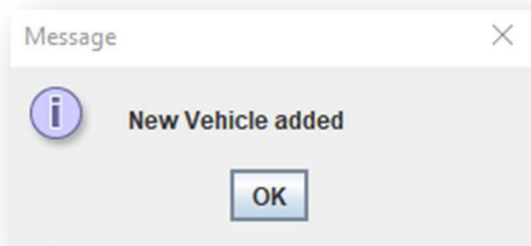


A Java Swing window titled "SALES REPORT" with a dark blue background. The window contains four text input fields for data entry:

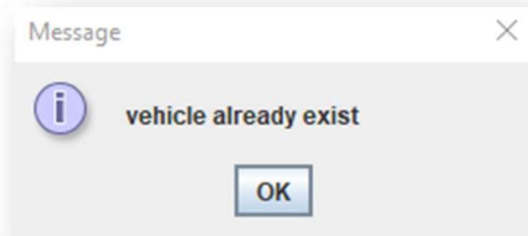
- ID:** 8
- MODEL NO:** DRDEVL12
- COLOR:** Ebonite Black
- CHASIS NO:** LG56W

Below the input fields is a button labeled **SAVE**.

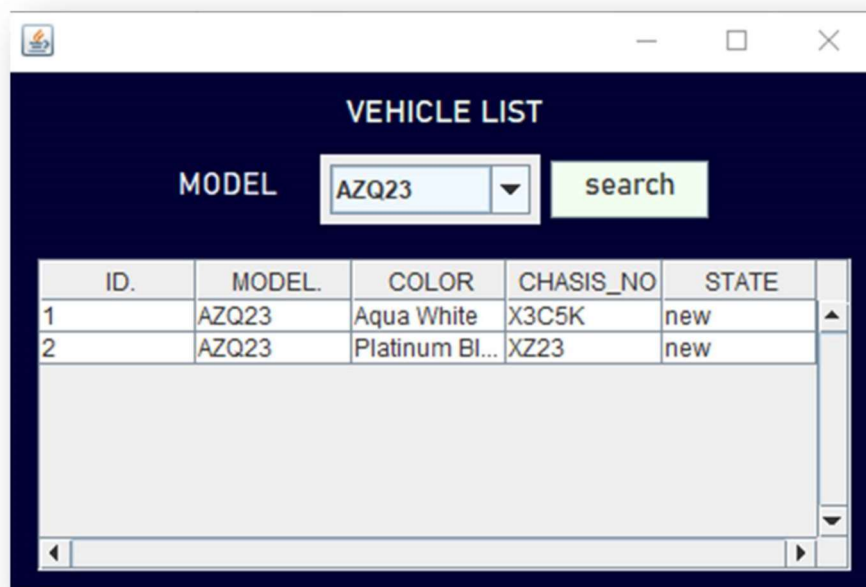
On clicking the save button a message dialogue box pops up



Else, if the record already exists then -

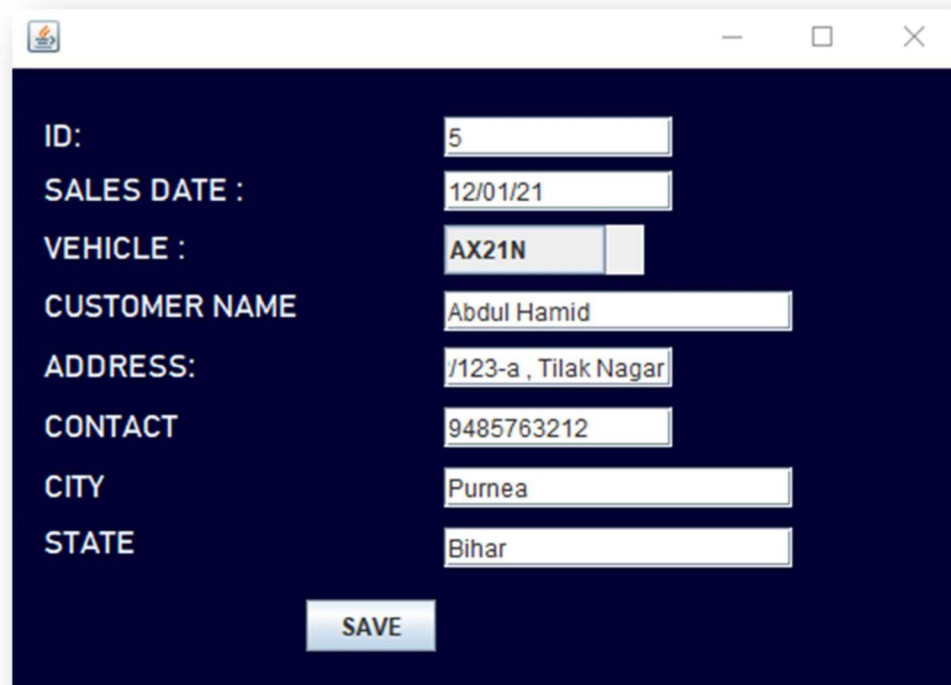


4. SEARCH VEHICLE- This page is for displaying the vehicle data stored in the database according to the selected model by the user.



5. Adding New Sales- The following page adds details of a new sale of a vehicle.

ID- INT
 SALES DATE- VARCHAR
 VEHICLE- (Foreign key) VARCHAR
 CUSTOMER NAME- VARCHAR
 ADDRESS- VARCHAR
 CONTACT-BIGINT(10)
 CITY- VARCHAR
 STATE- VARCHAR



The screenshot shows a Java Swing window with a dark blue background and white text. The window has a title bar with standard OS controls (minimize, maximize, close). The form contains the following fields and values:

Field Label	Value
ID:	5
SALES DATE :	12/01/21
VEHICLE :	AX21N
CUSTOMER NAME	Abdul Hamid
ADDRESS:	/123-a , Tilak Nagar
CONTACT	9485763212
CITY	Purnea
STATE	Bihar

At the bottom center of the window is a button labeled "SAVE".

6. Sales Report- this page displays all the data about the sales from the database according to the date of sales and the model chosen by the user

SALES REPORT

DATE

MODEL

ID.	SALES...	VEHIC...	CUST...	ADDR...	CONT...	CITY	STATE
1	06/07/...	AX21N	Diljeet ...	15/54,...	80903...	Kan...	Uttar Pra...