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

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ID – Users ID

Password- Password to login into the sales page
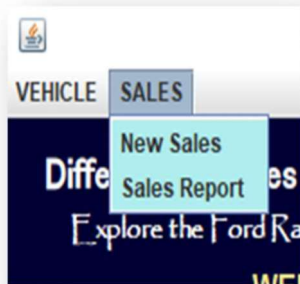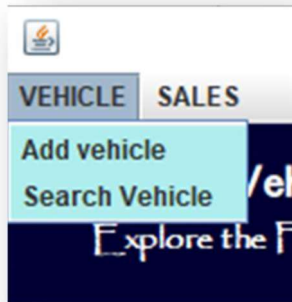
3. <u>Add Vehicle Page -</u> This page is for adding new vehicles into the database .
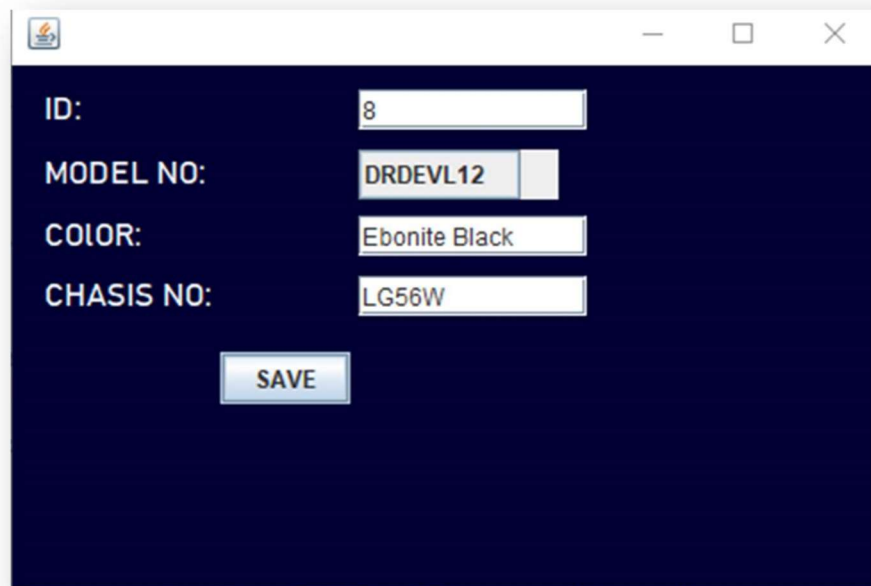
It contains-

ID – INT

MODEL NO.(Foreign key) – VARCHAR

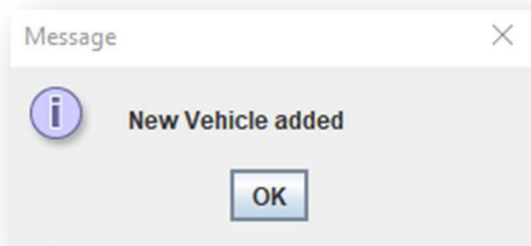COLOR – VARCHAR

CHASIS NO - VARCHAR
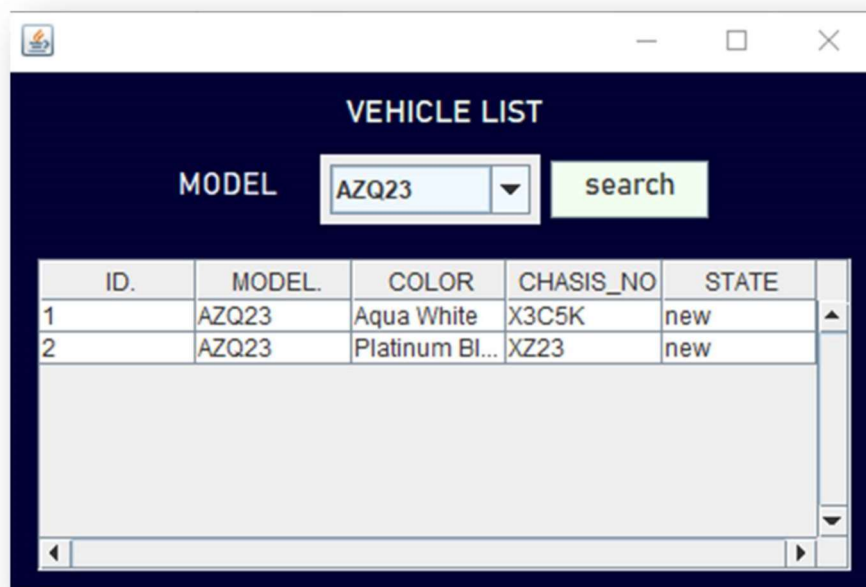
SAVE - BUTTON

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On clicking the save button a message dialogue box pops up

Else, if the record already exists then -
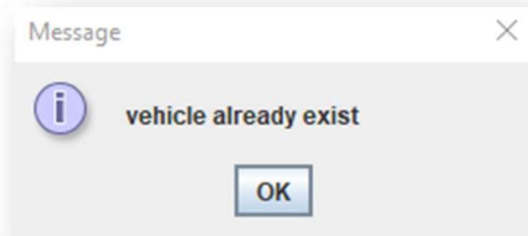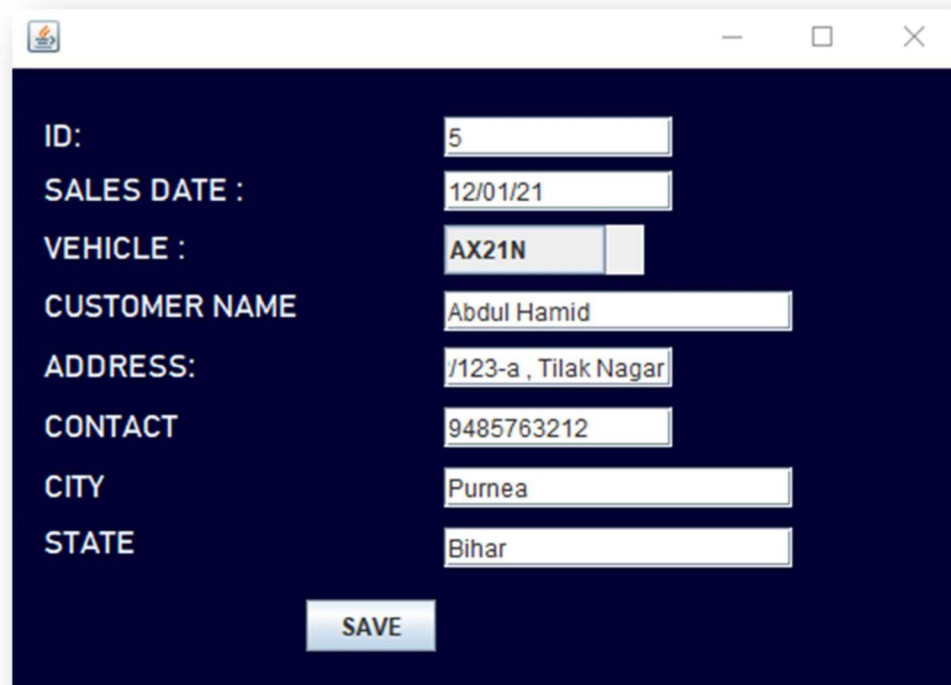

4. SEARCH VEHICLE-   This page is for displaying the vehicle data stored in the database according to the selected model by the user.

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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

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

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