UNCLE MANDO'S CAR SEARCH

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ABOUT

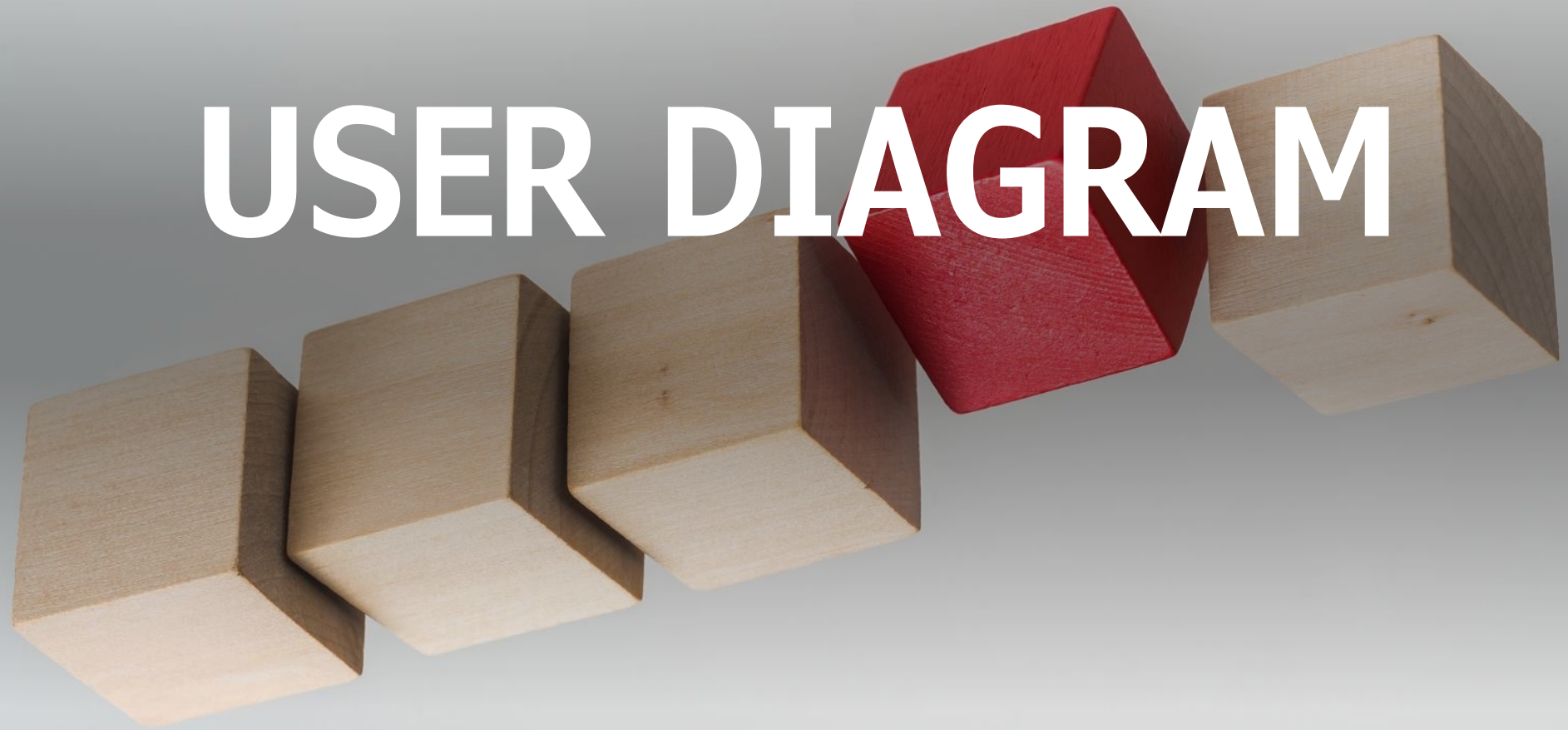
Customers can search for cars that are available in dealerships.

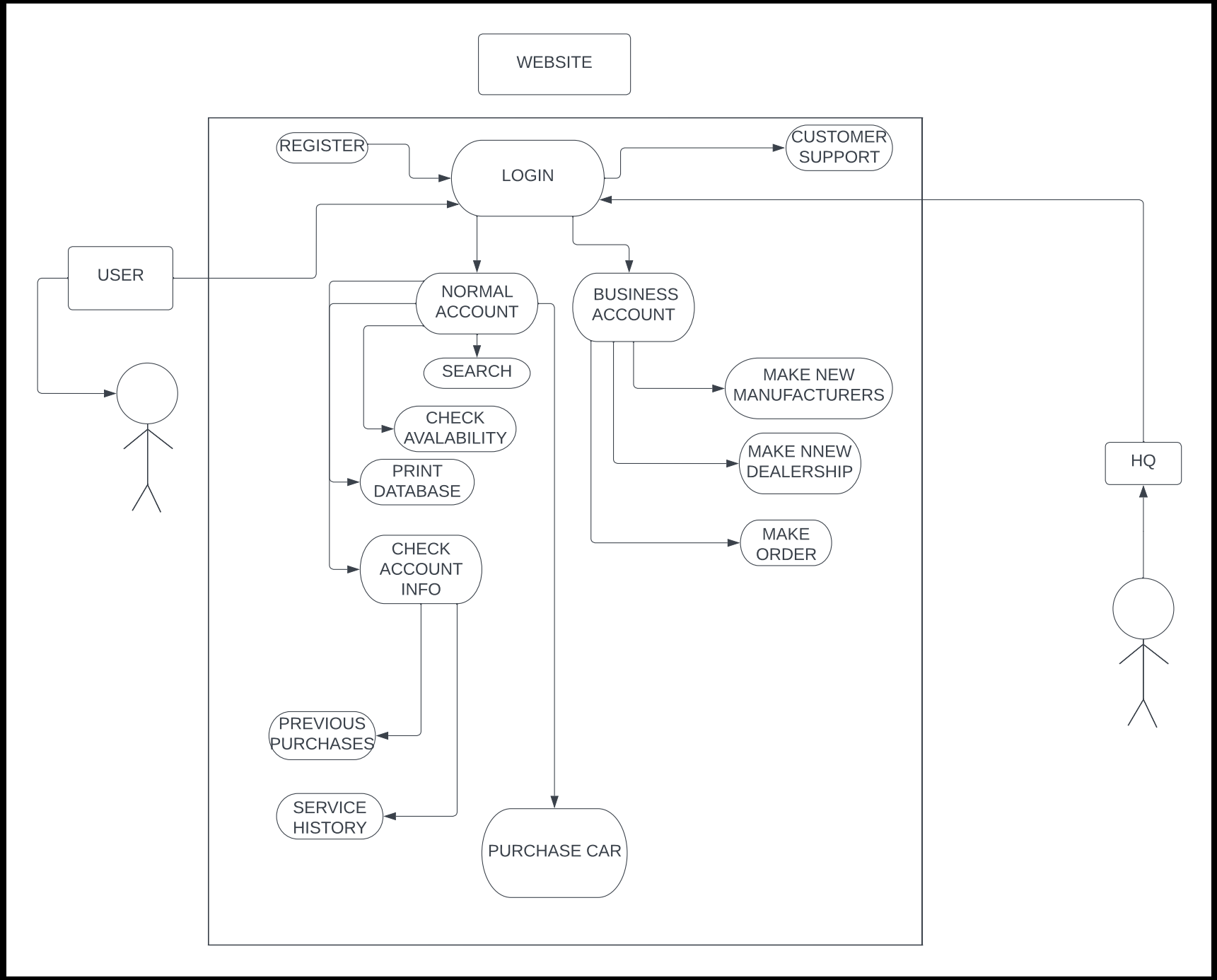
Customers have data connected to the dealers, with the cars they bought, and services they have recieved

As well as getting data from where cars originated from(manufactured)

Headquarters can add to the database as well

USER DIAGRAM




WEBSITE
REGISTER
LOGIN
CUSTOMER SUPPORT
USER
NORMAL ACCOUNT
BUSINESS ACCOUNT
SEARCH
CHECK AVALABILITY
PRINT DATABASE
CHECK ACCOUNT INFO
PREVIOUS PURCHASES
SERVICE HISTORY
PURCHASE CAR
MAKE NEW MANUFACTURERS
MAKE NNEW DEALERSHIP
MAKE ORDER
HQ

Main Case Description

Register

- User can create an account on the car search site

Login

- user is greeted to log in and access website's components

Business Register

- Accesses business login and puts user with HQ

Business Login

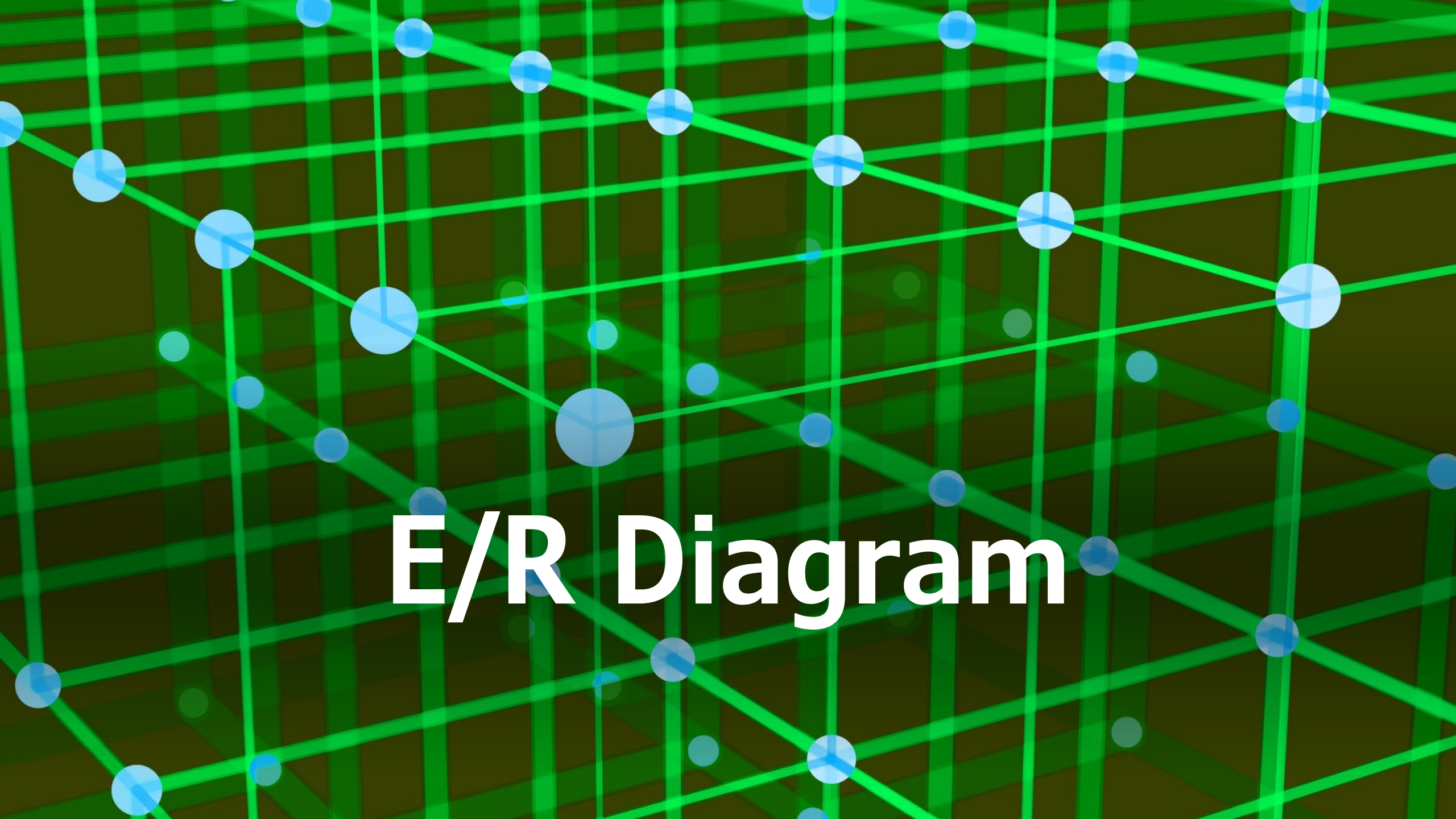
- User can create new orders, find new dealerships, and make new man

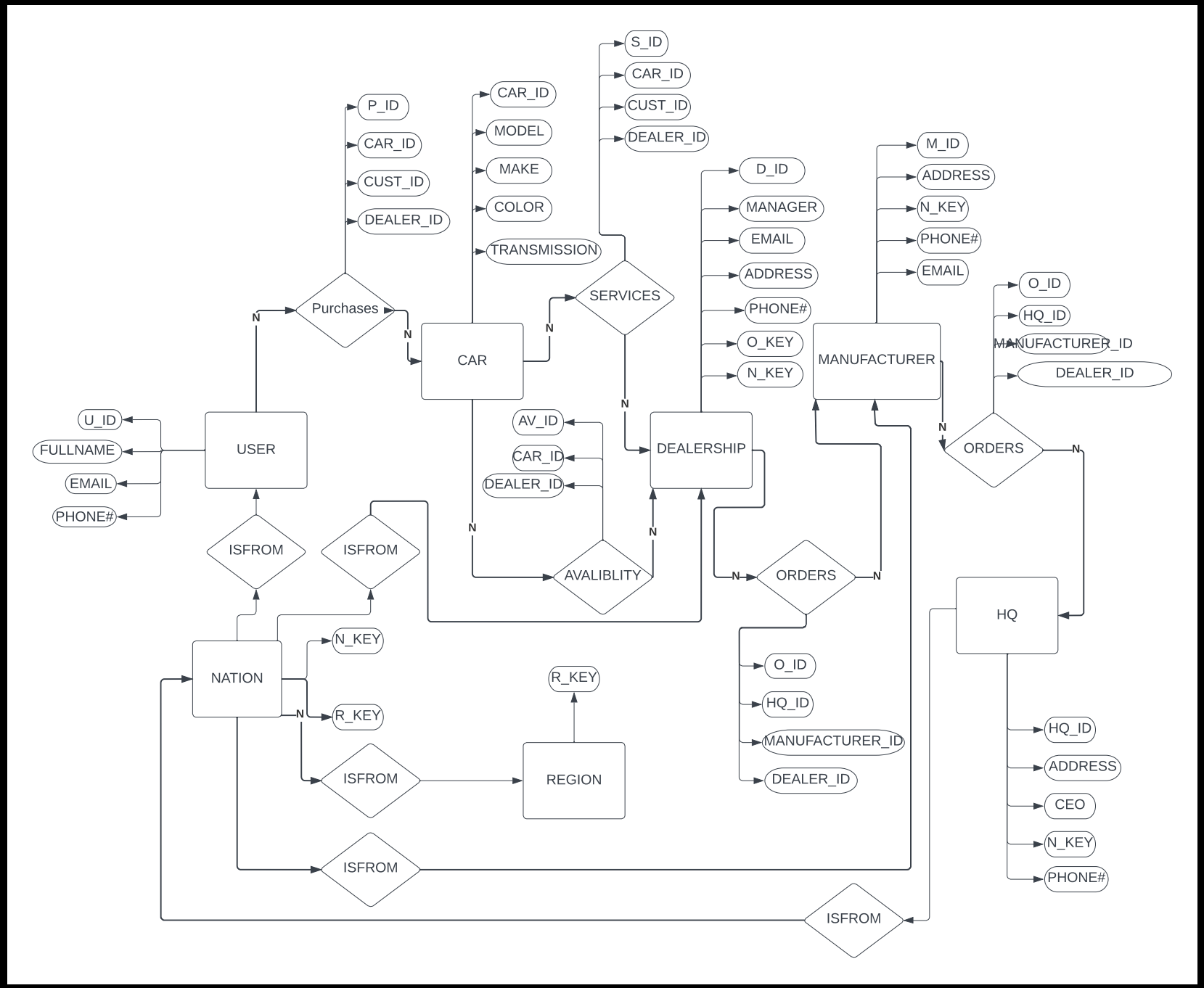
Search

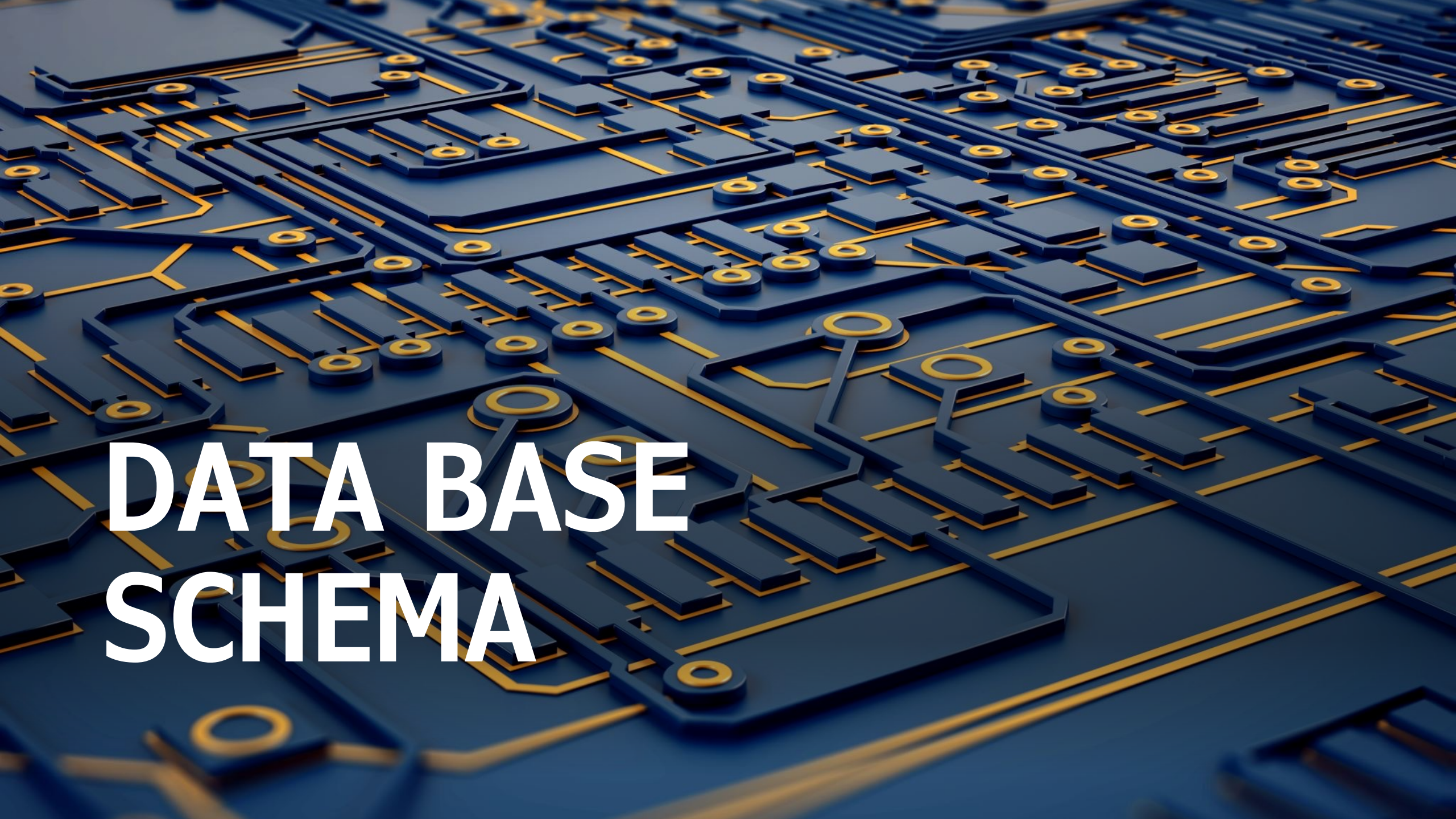
- User can search through the database of the multitude of cars that we have

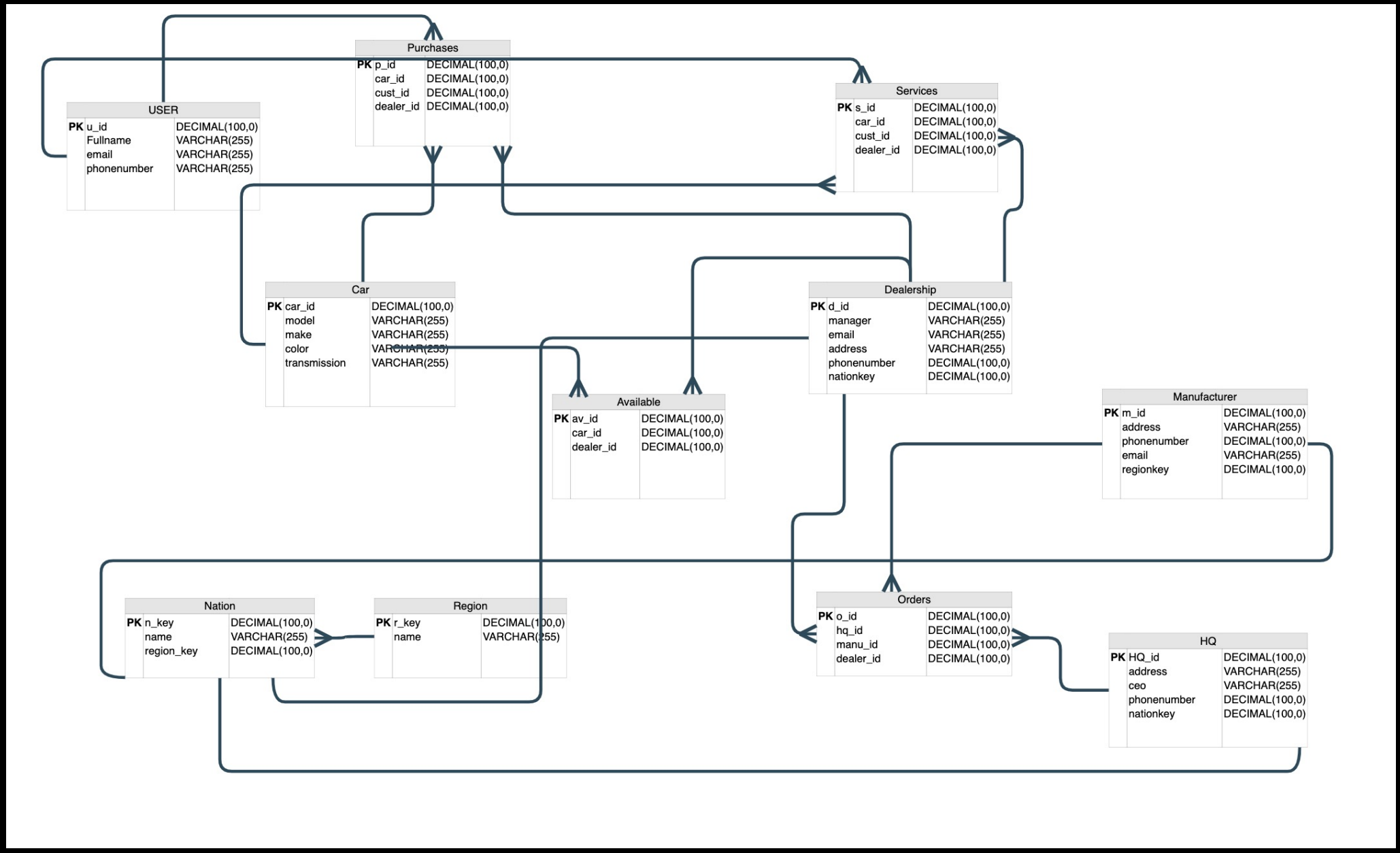
HQ

- The headquarters can make an account to make new orders, new manufacturers, and new dealerships


E/R Diagram


S_ID
CAR_ID
CUST_ID
DEALER_ID
P_ID
CAR_ID
CUST_ID
DEALER_ID
CAR_ID
MODEL
MAKE
COLOR
TRANSMISSION
D_ID
MANAGER
EMAIL
ADDRESS
PHONE#
O_KEY
N_KEY
M_ID
ADDRESS
N_KEY
PHONE#
EMAIL
O_ID
HQ_ID
MANUFACTURER_ID
DEALER_ID
Purchases
SERVICES
CAR
MANUFACTURER
U_ID
FULLNAME
EMAIL
PHONE#
USER
AV_ID
CAR_ID
DEALER_ID
DEALERSHIP
ORDERS
ISFROM
ISFROM
AVALIBLITY
ORDERS
HQ
N_KEY
NATION
R_KEY
R_KEY
O_ID
HQ_ID
MANUFACTURER_ID
DEALER_ID
HQ_ID
ADDRESS
CEO
N_KEY
PHONE#
ISFROM
REGION
ISFROM
ISFROM
N


DATA BASE
SCHEMA


Purchases
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car_id DECIMAL(100,0)
cust_id DECIMAL(100,0)
dealer_id DECIMAL(100,0)
USER
PK u_id DECIMAL(100,0)
Fullname VARCHAR(255)
email VARCHAR(255)
phonenumber VARCHAR(255)
Services
PK s_id DECIMAL(100,0)
car_id DECIMAL(100,0)
cust_id DECIMAL(100,0)
dealer_id DECIMAL(100,0)
Car
PK car_id DECIMAL(100,0)
model VARCHAR(255)
make VARCHAR(255)
color VARCHAR(255)
transmission VARCHAR(255)
Dealership
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manager VARCHAR(255)
email VARCHAR(255)
address VARCHAR(255)
phonenumber DECIMAL(100,0)
nationkey DECIMAL(100,0)
Available
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car_id DECIMAL(100,0)
dealer_id DECIMAL(100,0)
Manufacturer
PK m_id DECIMAL(100,0)
address VARCHAR(255)
phonenumber DECIMAL(100,0)
email VARCHAR(255)
regionkey DECIMAL(100,0)
Nation
PK n_key DECIMAL(100,0)
name VARCHAR(255)
region_key DECIMAL(100,0)
Region
PK r_key DECIMAL(100,0)
name VARCHAR(255)
Orders
PK o_id DECIMAL(100,0)
hq_id DECIMAL(100,0)
manu_id DECIMAL(100,0)
dealer_id DECIMAL(100,0)
HQ
PK HQ_id DECIMAL(100,0)
address VARCHAR(255)
ceo VARCHAR(255)
phonenumber DECIMAL(100,0)
nationkey DECIMAL(100,0)

THANK YOU