

Vehicle Showroom Management System

Front-end: We used HTML and CSS for our front end.

HTML—"HyperText Markup Language"—is the language used to tell your web browser what each part of a website is. So, using HTML, you can define headers, paragraphs, links, images, and more, so your browser knows how to structure the web page you're looking at.

CSS is the language for describing the presentation of Web pages, including colors, layout, and fonts. It allows one to adapt the presentation to different types of devices, such as large screens, small screens, or printers.

Back-end:

Flask is a small and lightweight Python web framework that provides useful tools and features that make creating web applications in Python easier. It gives developers flexibility and is a more accessible framework for new developers since you can build a web application quickly using only a single Python file.

Psycopg is the most popular PostgreSQL database adapter for the Python programming language. Psycopg 2 is mostly implemented in C as a libpq wrapper, resulting in being both efficient and secure. It ensures client-side and server-side cursors, asynchronous communication.

DataBase:

POSTGRESQL Free and open source, available in multiple languages, highly extensible, protects data integrity, builds fault-tolerant environments, robust access-control system.

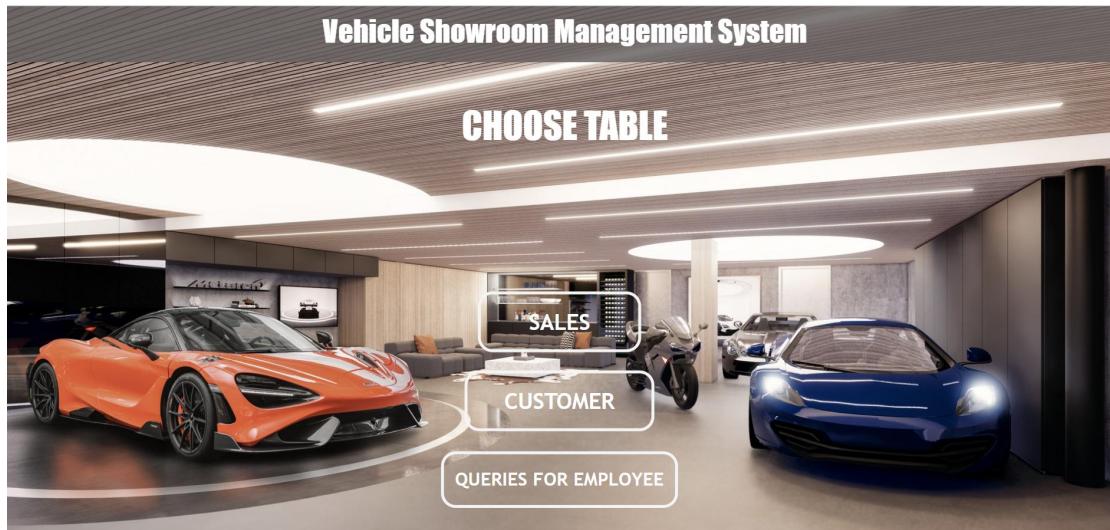
The following are the GUI Screenshots.



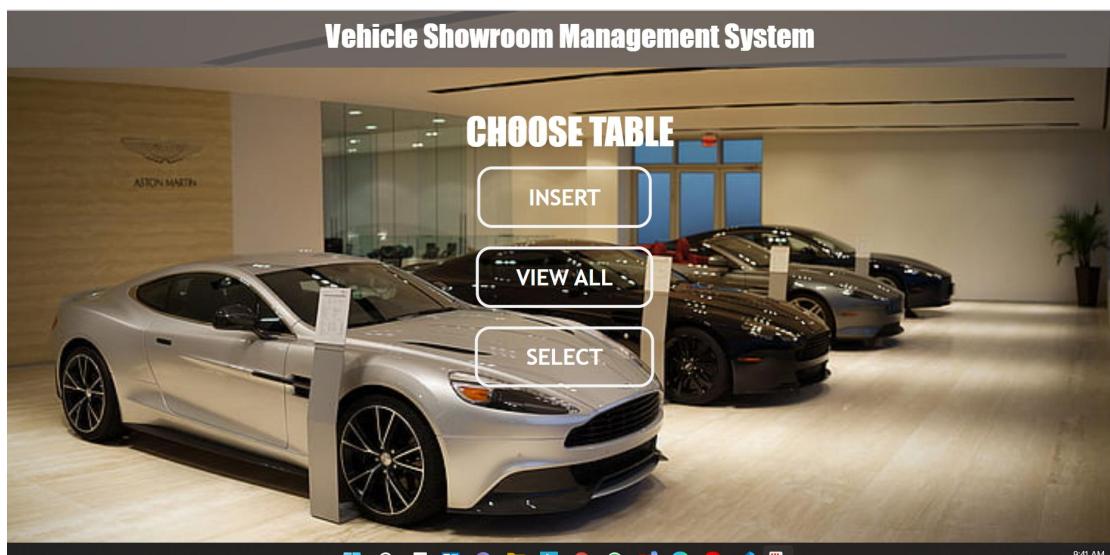
HOME :



EMPLOYEE:



EMPLOYEE SALES :



EMPLOYEE SALES VIEW ALL :

sale_id	emp_id	mfg_id	cust_id	status	tax_per	order_date
100001	60001	FD-ES-TRN-AT-D-1	10002	PENDING	5	2020-10-10
100002	60002	FD-ES-TIN-MN-P-1	10003	PAID	10	2018-10-12
100003	600019	SZ-SD-ZXI-MN-P-2	10005	PENDING	8	2021-08-10
100004	600020	SZ-BL-B56-MN-D-1	10002	PAID	10	2019-06-10
100005	600014	HU-20-CRT-AT-P-2681	10006	PENDING	15	2018-10-08
100006	60005	HU-VN-CRT-MN-D-1731	10001	PAID	8	2020-03-10
100007	60006	NM-GTR-TIO-AT-D-4	10007	PAID	6	2020-10-10
100008	60005	RN-KW-KRS-AT-D-30	10007	PAID	9	2021-06-06
100009	60006	NM-GTR-TIO-MN-P-964	10009	PENDING	13	2019-12-10
1000010	60001	FD-ES-TRN-AT-D-3990	10004	PENDING	18	2021-10-08
1000011	60003	AD-R8-SPY-AT-D-7454	10004	PENDING	20	2019-10-10
1000012	60005	TM-NX-XZ-MN-E-310	10007	PAID	5	2018-08-07

EMPLOYEE SALES SELECT :



Vehicle Showroom Management System						
sale_id	emp_id	mfg_id	cust_id	status	tax_per	order_date
100001	60001	FD-ES-TRN-AT-D-1	10002	PENDING	5	2020-10-10

EMPLOYEE - CUSTOMER :



EMPLOYEE - CUSTOMER VIEW ALL:

cust_id	fname	minit	lname	contact_no	gender	location	state	city	pincode	email_id
10001	James	E	Borg	88866541	M	Girinagar	Karnataka	Bangalore	583221	james@gmail.com
10002	John	B	Smith	88866542	M	VNagar	Karnataka	Bangalore	583222	john2@gmail.com
10003	Casey	C	Park	88866543	F	Jayanagar	Karnataka	Bangalore	583223	caseyp@gmail.com
10004	Tara	A	Rose	88866545	F	RRnagar	Karnataka	Bangalore	583224	tararose09@gmail.com
10005	Sally	B	Simon	88866546	F	KRnagar	Karnataka	Bangalore	583225	Sallysi@gmail.com
10006	Maddy	B	Kurk	88866547	F	Rajajinagar	Karnataka	Bangalore	583227	maddy@gmail.com
10007	Sasha	B	Ham	88866548	F	Vijaynagar	Karnataka	Bangalore	583228	sas@gmail.com
10008	Leonard	B	Tard	88866549	M	TRnagar	Karnataka	Bangalore	583229	tardleo2@gmail.com
10009	Raj	B	Prakash	88866550	M	Nayandahalli	Karnataka	Bangalore	583230	raj01@gmail.com
100010	Viman	m	A	965258596	M	girinagar	Karnataka	bengaluru	560085	bhdvbsgdf@gmail.com
100016	Viman	m	A	965258596	M	girinagar	Karnataka	bengaluru	560085	bhdvbsgdf@gmail.com
10021	Viman	m	gege	965258596	M	sales	Karnataka	bengaluru	560085	userhdu@gmail.com
100097	hgfhgy	j	ugyu	9645515989	M	MG Road	Karnataka	Maski	584124	bhdvbsgdf@gmail.com

EMPLOYEE - CUSTOMER INSERT:

Vehicle Showroom Management System

10049 Chandan F L

86451328 M girinagar Karnataka

Banglore 560085 chandan@gmail.com

Submit

done

[home](#)

AFTER INSERTION VIEW ALL:

cust_id	fname	minit	lname	contact_no	gender	location	state	city	pincode	email_id
10001	James	E	Borg	888665541	M	Girinagar	Karnataka	Bangalore	583221	james@gmail.com
10002	John	B	Smith	888665542	M	VVnagar	Karnataka	Bangalore	583222	john2@gmail.com
10003	Casey	C	Park	888665543	F	Jayanagar	Karnataka	Bangalore	583223	caseyp@gmail.com
10004	Tara	A	Rose	888665545	F	RRnagar	Karnataka	Bangalore	583224	tararose09@gmail.com
10005	Sally	B	Simon	888665546	F	KRnagar	Karnataka	Bangalore	583225	Sallysi@gmail.com
10006	Maddy	B	Kurk	888665547	F	Rajajinagar	Karnataka	Bangalore	583227	maddy@gmail.com
10007	Sasha	B	Ham	888665548	F	Vijaynagar	Karnataka	Bangalore	583228	sas@gmail.com
10008	Leonard	B	Tard	888665549	M	TRnagar	Karnataka	Bangalore	583229	tardleo2@gmail.com
10009	Raj	B	Prakash	888665550	M	Nayandahalli	Karnataka	Bangalore	583230	raj01@gmail.com
100010	Viman	m	A	965258596	M	girinagar	Karnataka	bengaluru	560085	bhdvbsrdf@gmail.com
100016	Viman	m	A	965258596	M	girinagar	Karnataka	bengaluru	560085	bhdvbsrdf@gmail.com
10021	Viman	m	gege	965258596	M	sales	Karnataka	bengaluru	560085	userhhdu@gmail.com
100097	hgfhgy	j	ugyu	9645515989	M	MG Road	Karnataka	Maski	584124	bhdvbsrdf@gmail.com
10049	Chandan	F	L	86451328	M	girinagar	Karnataka	Banglore	560085	chandan@gmail.com

EMPLOYEE - CUSTOMER SELECT:



Vehicle Showroom Management System										
cust_id	fname	minit	Iname	contact_no	gender	location	state	city	pincode	email id
10002	John	B	Smith	888665542	M	VVnagar	Karnataka	Bangalore	583222	john2@gmail.com

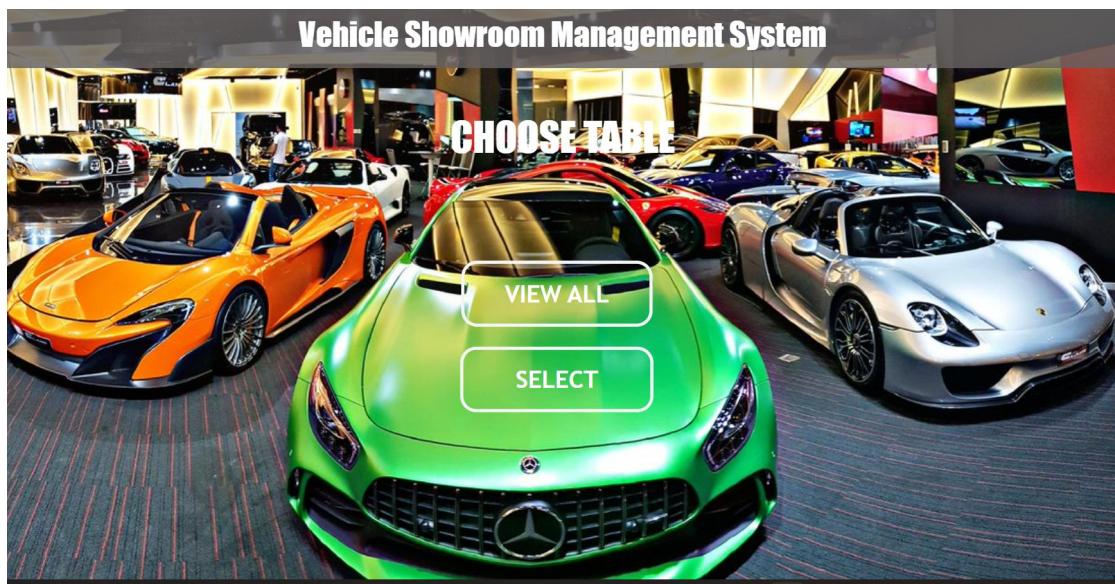
EMPLOYEE QUERIES :



AGENT :



AGENT SALES :



Vehicle Showroom Management System

sale_id	emp_id	mfg_id	cust_id	status	tax_per	order_date
100001	60001	FD-ES-TRN-AT-D-1	10002	PENDING	5	2020-10-10
100002	60002	FD-ES-TTN-MN-P-1	10003	PAID	10	2018-10-12
100003	600019	SZ-SD-ZXI-MN-P-2	10005	PENDING	8	2021-08-10
100004	600020	SZ-BL-BS6-MN-D-1	10002	PAID	10	2019-06-10
100005	600014	HU-20-CRT-AT-P-2681	10006	PENDING	15	2018-10-08
100006	60005	HU-VN-CRT-MN-D-1731	10001	PAID	8	2020-03-10
100007	60006	NM-GTR-TIO-AT-D-4	10007	PAID	6	2020-10-10
100008	60005	RN-KW-KRS-AT-D-30	10007	PAID	9	2021-06-06
100009	60006	NM-GTR-TIO-MN-P-964	10009	PENDING	13	2019-12-10
1000010	60001	FD-ES-TRN-AT-D-3990	10004	PENDING	18	2021-10-08
1000011	60003	AD-R8-SPY-AT-D-7454	10004	PENDING	20	2019-10-10
1000012	60005	TM-NX-XZ-MN-E-310	10007	PAID	5	2018-08-07

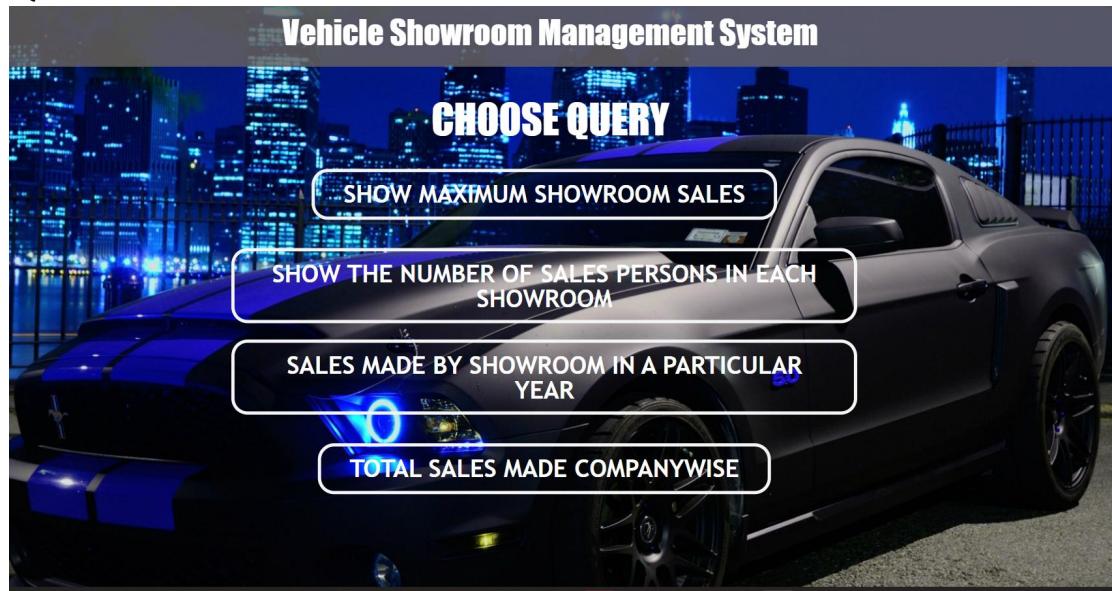
AGENT SHOWROOM :



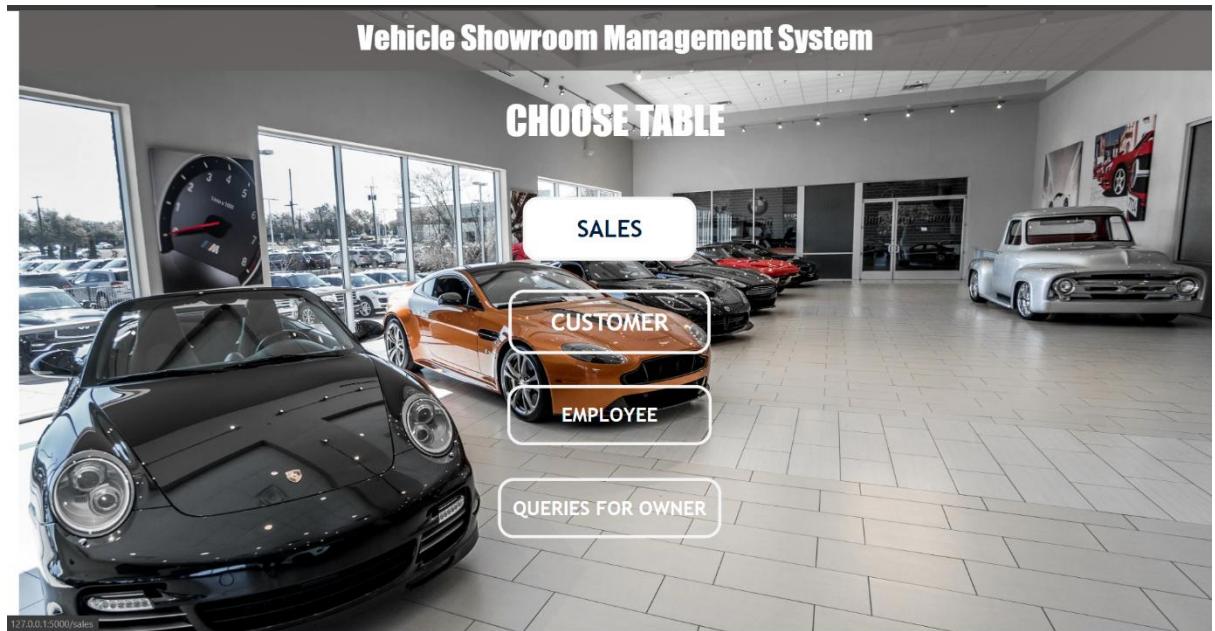
Vehicle Showroom Management System

s_id	d_id	contact_no	location	state	city	pincode
40001	20001	9998877707	3321 Castle Spring	Karnataka	Bangalore	583221
40002	20005	9449869880	332 Parkson Street	Karnataka	Bangalore	583222
40003	20007	9998874459	3321 Red Road	Karnataka	Bangalore	583223
40004	20001	9930974829	3321 Richmond Road	Karnataka	Bangalore	583224
40005	20006	9779823098	3321 Cashmer Street	Karnataka	Bangalore	583225
40006	20004	9662891236	3321 MG Road	Karnataka	Bangalore	583226
40007	20005	8972557202	3321 Indi Street	Karnataka	Bangalore	583227
40008	20008	9822780442	3321 Strend Street	Karnataka	Bangalore	583228
400033	20001	86532656	SDJKVFBS	fdgshjk	vgsabhnk	5263965
40099	20001	9652386	Banglore	Karnataka	Maski	584124

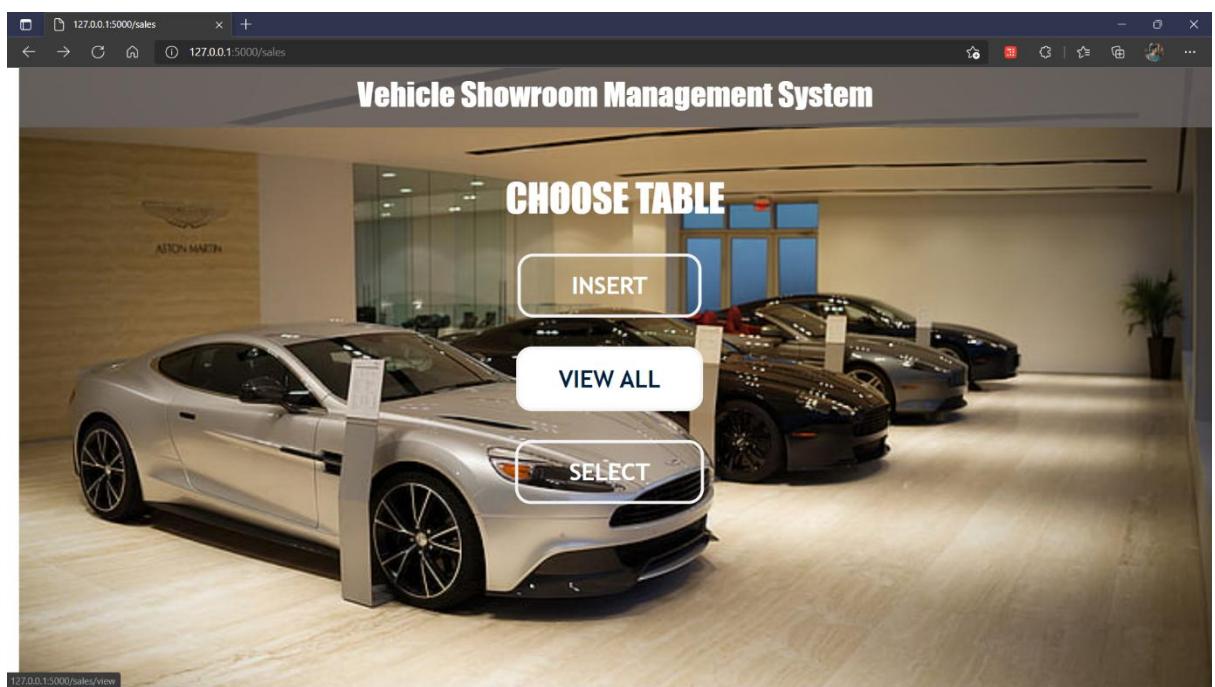
QUERIES FOR AGENT :



OWNER :



OWNER - SALES :

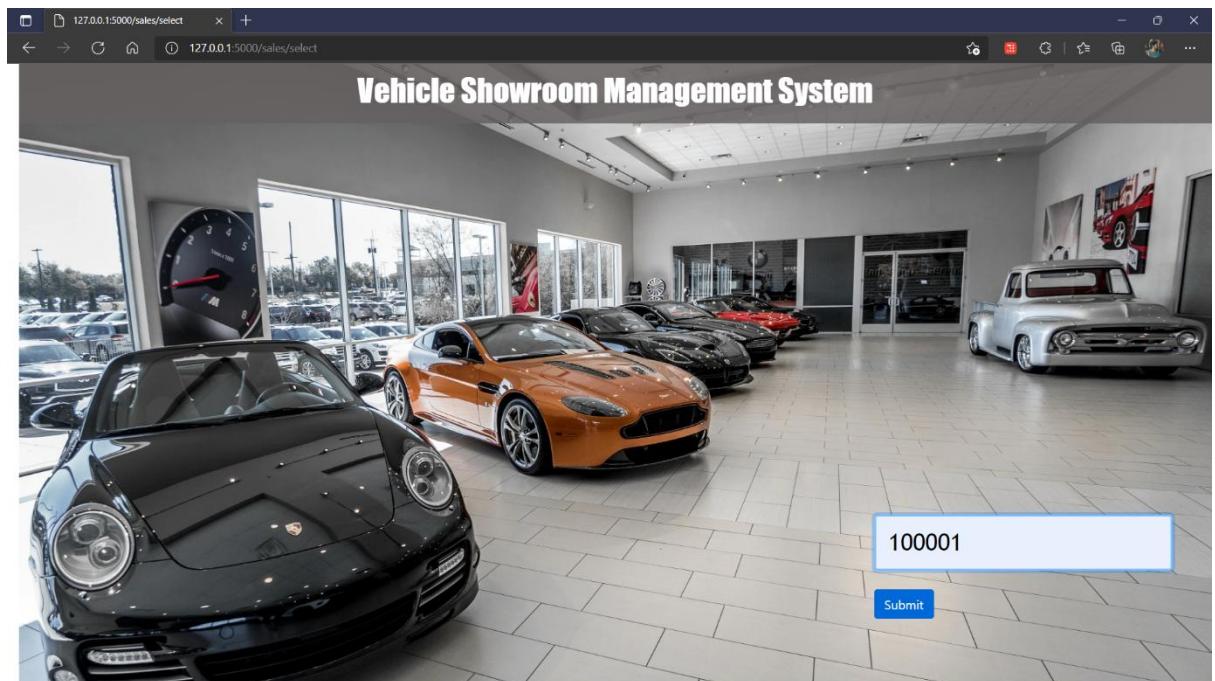


OWNER - SALES VIEW ALL:

Vehicle Showroom Management System

sale_id	emp_id	mfg_id	cust_id	status	tax_per	order_date
100001.00	60001.00	FD-ES-TRN-AT-D-1	10002.00	PENDING	5	2020-10-10
100002.00	60002.00	FD-ES-TTN-MN-P-1	10003.00	PAID	10	2018-12-10
100003.00	600019.00	SZ-SD-ZXI-MN-P-2	10005.00	PENDING	8	2021-10-08
100004.00	600020.00	SZ-BL-BS6-MN-D-1	10002.00	PAID	10	2019-10-06
100005.00	600014.00	HU-20-CRT-AT-P-2681	10006.00	PENDING	15	2018-08-10
100006.00	60005.00	HU-VN-CRT-MN-D-1731	10001.00	PAID	8	2020-10-30
100007.00	60006.00	NM-GTR-TIO-AT-D-4	10007.00	PAID	6	2020-10-10
100008.00	60005.00	RN-KW-KRS-AT-D-30	10007.00	PAID	9	2021-06-15
100009.00	60006.00	NM-GTR-TIO-MN-P-964	10009.00	PENDING	13	2019-10-12
1000010.00	60001.00	FD-ES-TRN-AT-D-3990	10004.00	PENDING	18	2021-08-10
1000011.00	60003.00	AD-R8-SPY-AT-D-7454	10004.00	PENDING	20	2019-10-10
1000012.00	60005.00	TM-NX-XZ-MN-E-310	10007.00	PAID	5	2018-07-08
1000013.00	600013.00	SZ-BL-BS6-MN-D-21	10008.00	PENDING	14	2021-03-15
1000014.00	60002.00	HU-VN-CRT-MN-D-53	10003.00	PAID	10	2020-10-06

OWNER - SALES SELECT:

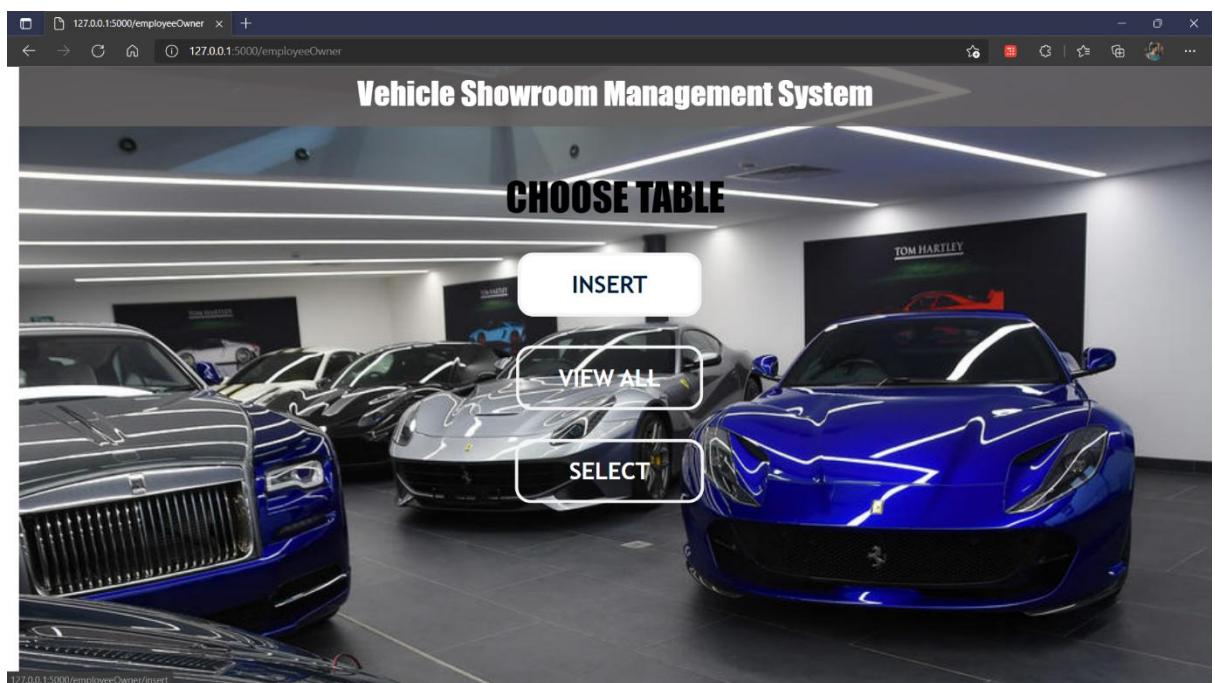


Vehicle Showroom Management System						
sale_id	emp_id	mfg_id	cust_id	status	tax_per	order_date
100001.00	60001.00	FD-ES-TRN-AT-D-1	10002.00	PENDING	5	2020-10-10

OWNER - CUSTOMER VIEW ALL:

Vehicle Showroom Management System											
cust_id	fname	minit	Iname	contact_no	gender	location	state	city	pincode	email_id	
10001.00	James	E	Borg	888665541	M	Girinagar	Karnataka	Bangalore	583221.00	james@gmail.com	
10002.00	John	B	Smith	888665542	M	VVnagar	Karnataka	Bangalore	583222.00	john2@gmail.com	
10003.00	Casey	C	Park	888665543	F	Jayanagar	Karnataka	Bangalore	583223.00	caseyp@gmail.com	
10004.00	Tara	A	Rose	888665545	F	RRnagar	Karnataka	Bangalore	583224.00	tararose09@gmail.com	
10005.00	Sally	B	Simon	888665546	F	KRnagar	Karnataka	Bangalore	583225.00	Sallysi@gmail.com	
10006.00	Maddy	B	Kurk	888665547	F	Rajajinagar	Karnataka	Bangalore	583227.00	maddy@gmail.com	
10007.00	Sasha	B	Ham	888665548	F	Vijaynagar	Karnataka	Bangalore	583228.00	sas@gmail.com	
10008.00	Leonard	B	Tard	888665549	M	TRnagar	Karnataka	Bangalore	583229.00	tardleo2@gmail.com	
10009.00	Raj	B	Prakash	88866550	M	Nayandahalli	Karnataka	Bangalore	583230.00	raj01@gmail.com	

OWNER - CUSTOMER :

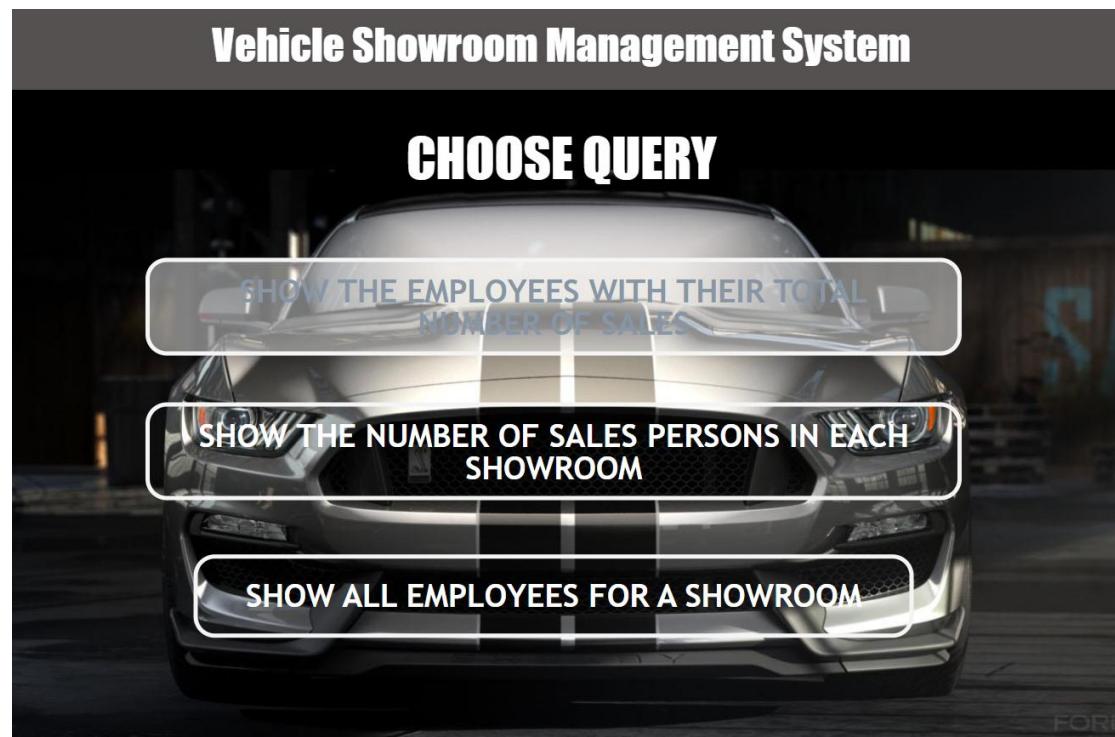


OWNER - CUSTOMERVIEW ALL :

A screenshot of a web browser window titled "Page Title". The address bar shows the URL "127.0.0.1:5000/employeeOwner/view". The main content area displays a table titled "Vehicle Showroom Management System". The table has columns: emp_id, s_id, full_name, designation, and salary. The data consists of 13 rows of employee information.

emp_id	s_id	full_name	designation	salary
60001.00	40001.00	Ramesh C	General Manager	500000.00
60002.00	40003.00	Priya S	General Manager	440000.00
60003.00	40002.00	Krishna M	Sales Person	200000.00
60004.00	40002.00	Raju N	General Manager	480000.00
60005.00	40004.00	Preetam V	Sales Person	250000.00
60006.00	40004.00	Riya M	General Manager	510000.00
60007.00	40005.00	Ramya P	Sales Person	180000.00
60008.00	40007.00	Gaurang M	General Manager	450000.00
60009.00	40006.00	Ashwini S	General Manager	460000.00
60010.00	40005.00	Suraj M	General Manager	520000.00
60011.00	40001.00	Sumesh C	Sales Person	200000.00
60012.00	40003.00	Prisha S	Sales Person	190000.00
600013.00	40002.00	Krish M	Sales Person	204000.00

QUERIES FOR OWNER:



SCHEMA CHANGES IMPLEMENTED:

```
vehicle_mgmt=# select * from company;
   c_id | company_name | company_short_name |
-----+-----+-----+
 30001.00 | Ford          | FD
 30002.00 | Nissan Motors | NM
 30004.00 | Toyota         | TO
 30007.00 | Hyundai        | HU
 30006.00 | Renault        | RN
 30005.00 | Suzuki         | SZ
 30003.00 | Tata Motors    | TM
 30008.00 | Audi           | AD
(8 rows)
```

```
vehicle_mgmt=# alter table company add column country varchar;
```

```
vehicle_mgmt=# select * from company;
   c_id | company_name | company_short_name | country
-----+-----+-----+-----+
 30001.00 | Ford          | FD          | US
 30002.00 | Nissan Motors | NM          | Japan
 30004.00 | Toyota         | TO          | Japan
 30007.00 | Hyundai        | HU          | South Korea
 30006.00 | Renault        | RN          | France
 30005.00 | Suzuki         | SZ          | Japan
 30003.00 | Tata Motors    | TM          | India
 30008.00 | Audi           | AD          | Germany
(8 rows)
```

```
vehicle_mgmt=
```