

1. Project Description

1.1. Project Title

Mercedes Car Brand Website

1.2. Project Overview

The Mercedes Car Brand Website is a comprehensive online platform designed to provide users with a seamless and immersive experience in exploring and interacting with the renowned Mercedes car brand. The website encompasses various features, including browsing and purchasing different car models, exploring a diverse range of car parts, scheduling test drives, job application functionalities, and a streamlined communication system with administrators.

1.3. Key Features:

1. User Authentication and Profile Management:

- Users can create accounts, log in, and manage their profiles.
- Secure authentication ensures the protection of user data.

2. Car Model Showcase:

- A dynamic catalog displaying various Mercedes car models.
- Detailed information about each model, including specifications and pricing.

3. Car Parts Catalog:

- Users can browse and purchase genuine Mercedes car parts.
- Detailed product descriptions and compatibility information.

4. Test Drive Booking System:

- Users can schedule test drives for specific car models.
- Calendar integration to facilitate easy booking.

5. Job Application Portal:

- Job seekers can explore and apply for different job positions within the Mercedes brand.
- Application forms with necessary fields and document uploads.

6. Contact Form for Admins:

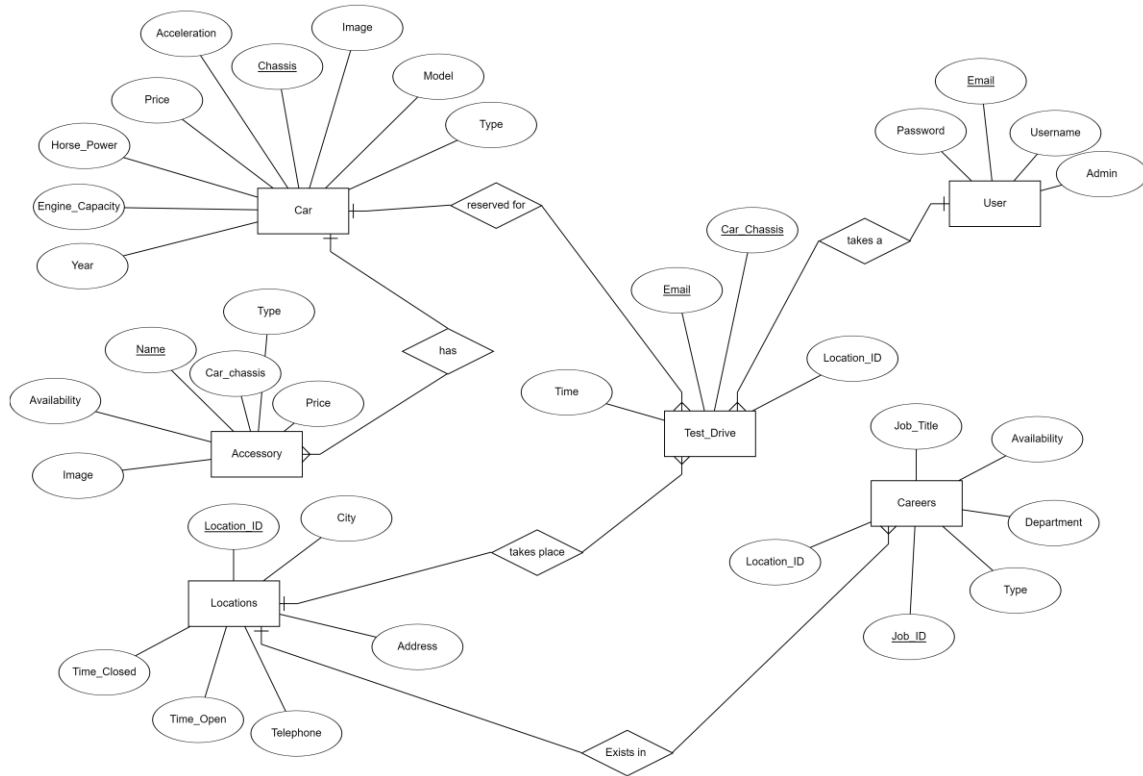
- Users can easily contact administrators through a dedicated form.
- Information submitted through the form is stored securely in the database.

2. Database Integration

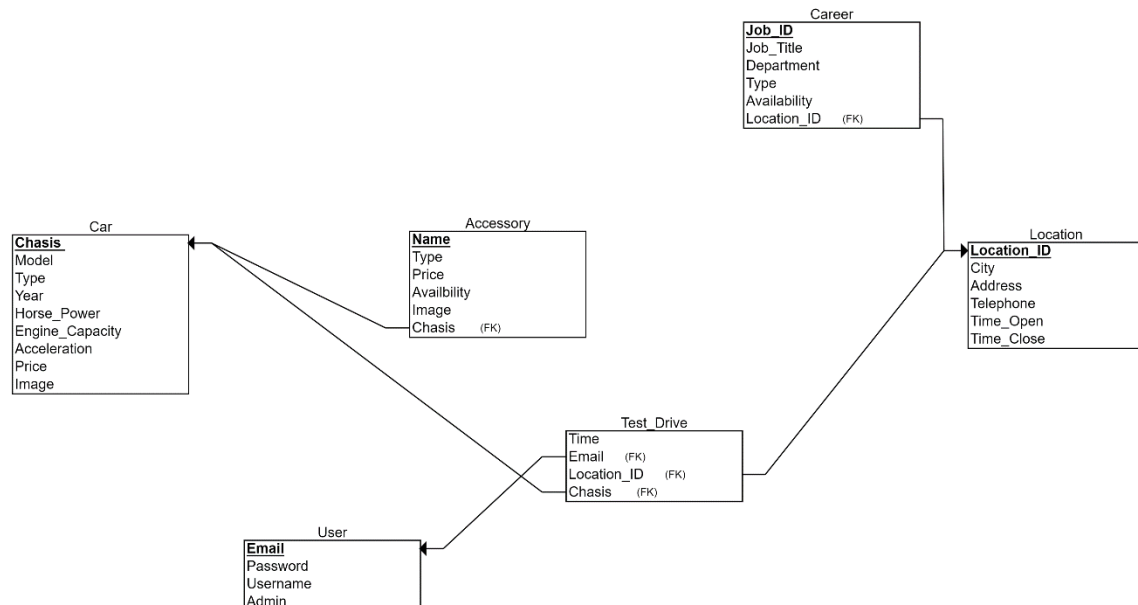
All data, including user profiles, car information, parts inventory, job applications, and contact form submissions, are stored in SQL database.

Database interactions are optimized for performance and security.

2.1. ERD Diagram




2.2. Relational Schema





3. Project Demo

Signup Page

Sign up

 Username


 Email





 Password


SIGN UP

Or Sign up with social platforms









Already one of our community?

Quickly access your account!

SIGN IN


Login Page


New here ?

You can join Mercedes Benz community now by creating a new account!

SIGN UP

Sign in


 Username





 Password


LOGIN

Or Sign in with social platforms






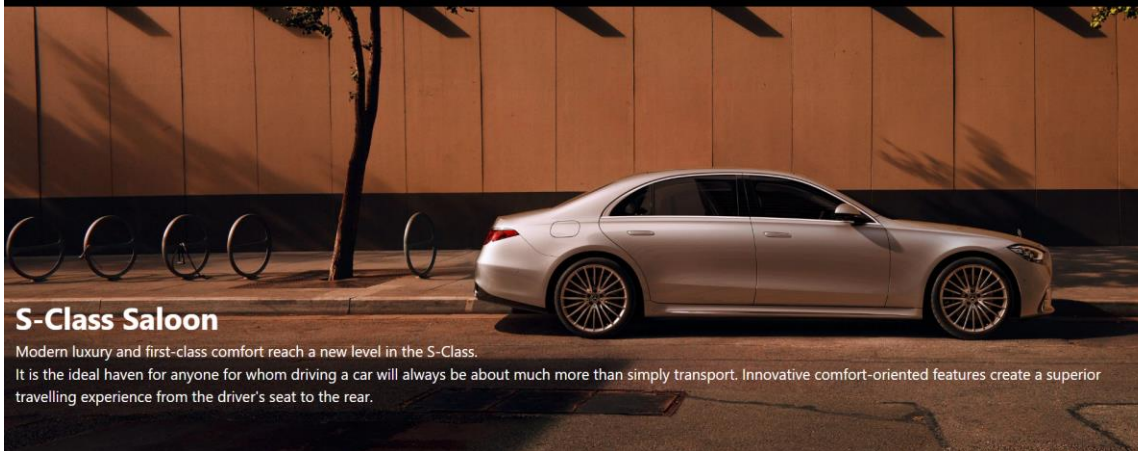




Example Models Page

 Mercedes Benz

Home Models ▾ Accessories Book a test drive Careers Contact us Admin ▾ Logout



S-Class Saloon

Modern luxury and first-class comfort reach a new level in the S-Class. It is the ideal haven for anyone for whom driving a car will always be about much more than simply transport. Innovative comfort-oriented features create a superior travelling experience from the driver's seat to the rear.

The interior of the Mercedes-Benz S-Class Saloon.

The S-Class Saloon combines a broad selection of elegant materials with fine surfaces. Innovative technology and high-resolution screens lend it a progressive character. Furthermore, high-tech and infotainment are presented with a user-friendly architecture.



S-Class Models



S-450

Horse Power: 367 hp
Engine Capacity: 2999 cm³
Acceleration: 5.1 s
Year: 2023
Price: 60000 \$



S-500

Horse Power: 503 hp
Engine Capacity: 3982 cm³
Acceleration: 4.9 s
Year: 2023
Price: 75000 \$



S-63

Horse Power: 791 hp
Engine Capacity: 4400 cm³
Acceleration: 3.2 s
Year: 2023
Price: 90000 \$

Admin Models Page



Mercedes Benz

[Home](#)

[Models](#) ▾

[Accessories](#)

[Book a test drive](#)








[Careers](#)

[Contact us](#)

[Admin](#) ▾

[Logout](#)

Car Models

#	Model	Type	Year	Horse Power	Engine Capacity	Acceleration	Price	Image
1	C-180	Sedan	2023	170 hp	1496 cc	7.8 s	25000 \$	
2	C-200	Sedan	2023	204 hp	1496 cc	7.5 s	35000 \$	
3	C-300	Sedan	2023	258 hp	1999 cc	6 s	50000 \$	
4	E-180	Sedan	2023	156 hp	1595 cc	8 s	30000 \$	
5	E-200	Sedan	2023	197 hp	1991 cc	7.5 s	40000 \$	
6	E-300	Sedan	2023	258 hp	1991 cc	5.7 s	55000 \$	
7	S-450	Sedan	2023	367 hp	2999 cc	5.1 s	60000 \$	

Insert New Car

Model:

Type:

☐ Sedan

☐ SUV

☐ Coupe

Year:

Horse Power:

Engine Capacity:

Acceleration:

Acceleration:

Price:

Image:

Choose File No file chosen

INSERT

Admin Parts Page



Mercedes Benz

[Home](#)

[Models](#) ▼

[Accessories](#)

[Book a test drive](#)

[Careers](#)

[Contact us](#)

[Admin](#) ▼

[Logout](#)

Car Parts

Name	Car	Type	Price	Availability	Image
Brakes	GLE-350 - 2023	Part	2000 \$	Available	
Engine Air Filter	S-63 - 2023	Part	450 \$	Available	
Engine Oil	S-450 - 2023	Part	650 \$	Available	
Interior Air Filter	C-300 - 2023	Part	500 \$	Available	
Oil Filters	E-200 - 2023	Part	600 \$	Not Available	
Polishing Cloth	General	Acc	20 \$	Available	

Insert New Part

Name:

Chassis:

Type:

☐ Accessory

☐ Part

Price:

☐ Available

Image:

No file chosen

Admin Careers Page



Mercedes Benz

[Home](#)

[Models](#) ▾

[Accessories](#)

[Book a test drive](#)

[Careers](#)

[Contact us](#)

[Admin](#) ▾

[Logout](#)

Current Jobs

Job ID	Job title	Availability	Department	Type	Location
1	Mechanical Engineer	Available	Mechanical	Full-Time	Nasr City
2	Software Engineer	Available	IT	Part-Time	Alexandria
3	Marketing	Available	Marketing	Internship	5th Settlement
4	Electrical Engineer	Available	Mechanical	Full-Time	Madenty
5	Devops Engineer	Available	IT	Part-Time	Gouna
6	Salesman	Not Available	Sales	Full-Time	5th Settlement

Insert New Job

Job Title:

☐ Available

Department:

Type:

☐ Full-Time

☐ Part-Time

☐ Internship

Location

Nasr City ▾

INSERT

Book a test drive Page



Mercedes Benz

Home

Models ▾

Accessories

Book a test drive

Careers

Contact us

Logout

Take A Test Drive Now.



Dear Mercedes Benz enthusiast, thank you for your interest in booking a test drive. You are one step closer to experiencing the drive of your dreams. Please fill the below form and a Mercedes Centre representative will contact you within 24 hrs.

Booking details:

Available Locations:

Please Choose ▾

Available Cars:

Please Choose ▾

Select Date:

mm/dd/yyyy

Select Time:

☐ 9AM-3PM

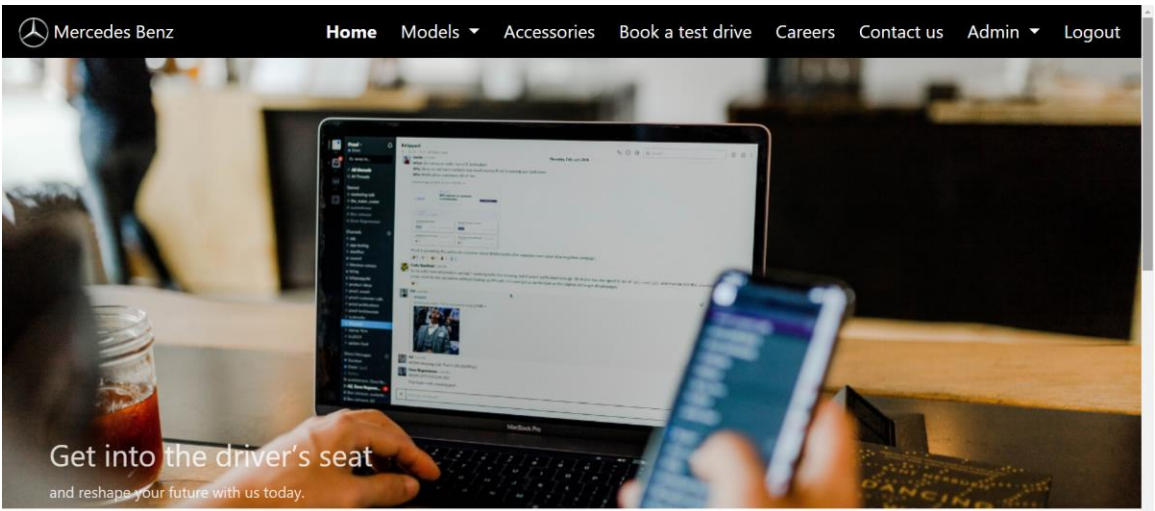
☒ 3PM-9PM

SUBMIT

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Careers Page



Position title	Department	Type	Location
Payroll Specialist	Finance	Full Time	Maadi
General Accountant	Finance	Full Time	Maadi
Shipping Specialist	Logistics	Full Time	New Cairo
Sales Representative	Sales	Part Time	Maadi
Warehouse Specialist	Logistics	Full Time	New Cairo
Service Engineer	Engineering	Full Time	Maadi
Secretary	Administration	Part Time	New Cairo

Parts Page

Genuine
Parts



Brakes

Price: 2000 \$

Compatible with: GLE-350 - 2023

Available



Engine Air Filter

Price: 450 \$

Compatible with: S-63 - 2023

Available



Engine Oil

Price: 650 \$

Compatible with: S-450 - 2023

Available

Genuine
Parts



Polishing Cloth

Price: 20 \$

Compatible with: General

Available



Wheel Cleaner

Price: 30 \$

Compatible with: General

Currently Unavailable



Window Cleaner

Price: 50 \$

Compatible with: General

Available

Accessories

Contact Us Page

Please get in touch with us.

Name	Surname
<input type="text"/>	<input type="text"/>
Email	Phone Number
<input type="text"/>	<input type="text"/>
Address	
<input type="text"/>	
Address 2	
<input type="text"/>	
City	Dealer
<input type="text"/>	<input type="text" value="Abo Ghaly Motors"/>
Your Inquiry	
<div><div>Leave a comment here</div><div></div></div>	

☐ I agree for my details to be stored for the purpose of contacting me at a later date.

Submit