

Project 3 Database Integration with MongoDB

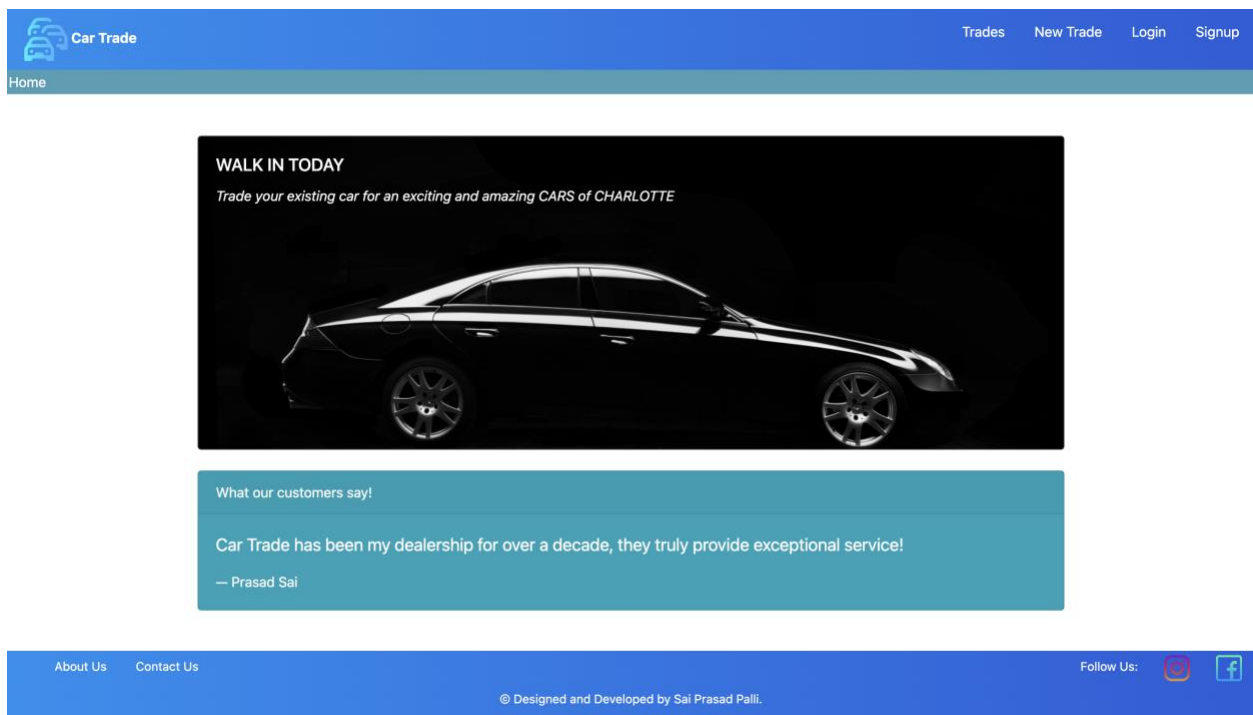
Sai Prasad Palli
801254453

1. A screenshot of each of your application's pages displayed in your browser.

Screenshots:

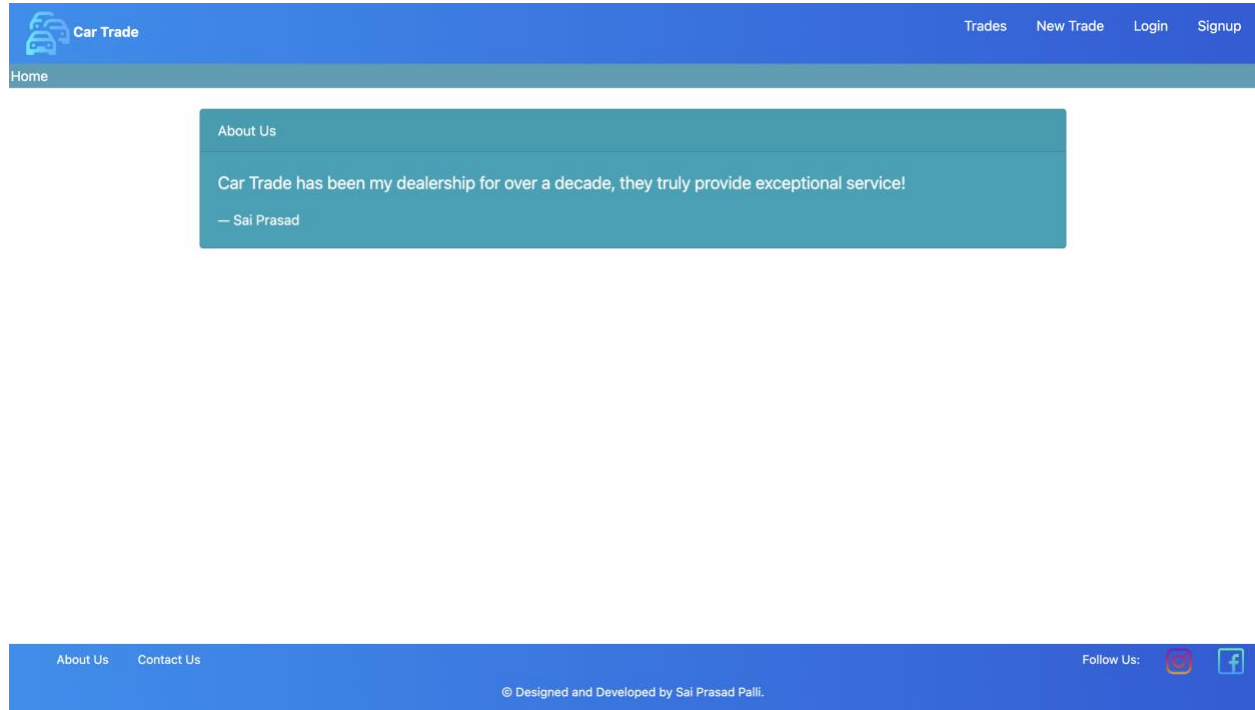
Home page: (localhost:3000/)

The home page for the Car Trade application.



About Us page: (localhost:3000/about)

The About Us page is for the background and details for the Car Trade Application.



Contact Us page: (localhost:3000/contact)

The About Us page is for the background and details for the Car Trade Application.

Contact Us

Name: Sai Prasad Palli

Email: spalli@cartrade.org

— Sai Prasad

Trades page: (localhost:3000/trades)

The Trades page is rendered dynamically with a minimum of 2 categories and 3 items for each category. Links in each category will be rendered towards the respective dynamic view template trade page for the Car Trade Application. Here the list of categories are displayed in a sorted order.

SEDAN - Trade your car for an awesome SEDAN.

[Mercedes G Wagon](#)

[Mercedes S Class](#)

[BMW Z4](#)

SUV - Trade your car for an awesome SUV.


[Mercedes G550](#)

[Mercedes G SUV](#)

[BMW X5](#)

Trade page: (localhost:3000/trades/:id)


The Trade page is the view template page which is rendered dynamically of the respective trade item. It has “Edit” and “Delete” option to edit the details and delete the trade. It is also present with the previous project requirements “Trade Now” and “Rate It” which will be redirected to the trades page.

 Car Trade

TradesNew TradeLoginSignup

Home

Mercedes S Class



S-Class - a new type of DNA

The Design that speaks for itself, one of a kind with unique interiors. the DNA of an off-road vehicle with its iconic and virtually indestructible body. G-Wagon has redefined the SUV space with its unique design.

Trade your SUV today for Mercedes S Class and make a statement!

Features

Passive Lane Keeping Assist

Parking with 270 Camera



Superior Package

[Trade Now](#) [Rate It](#)

Edit

Delete

About UsContact Us


Follow Us:  

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Edit page: (localhost:3000/trades/:id/edit?)

Clicking submit (PUT method is used and is redirected to Trade page and displaying the modified item)

This page is used to edit the existing details of the page. All the details are loaded into the form from the array, which is used to store the values of the trade. Here the “Btype” is the category of the car. If a category from outside of the existing categories is added, then the Trades page will have a category created dynamically. All fields are validated both in back and in the front end. The description is of minimum 10 characters.

 Car Trade

TradesNew TradeLoginSignup

Home

Car Model

Mercedes S Class

Body type

SEDAN

Class type

S-Class - a new type of DNA

Car Image URL

images/cards/sclass.jpeg

Feature 1

Passive Lane Keeping Assist

Feature 2

Parking with 270 Camera

Feature 3



Superior Package

Description

The Design that speaks for itself, one of a kind with unique interiors. the DNA of an off-road vehicle with its iconic and virtually indestructible body. G-Wagon has redefined the SUV space with its unique design.

Submit

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After submitting the form (PUT) request is called (PUT : trades/:id)

newTrade page: (localhost:3000/trades/newTrade)

Clicking submit (POST method is used and is redirected to Trades page with the added item)

This page is used to create the existing details of the page. Here the “Btype” is the category of the car. If a category from outside of the existing categories is added, then the Trades page will have a category created dynamically. The image upload works fine, but the uploaded file name won’t be displayed. (Currently only images that can be added are from the internet or from “images/cards/”) path. Since the image is not mandatory, we have given an default image.

 Car Trade

TradesNew TradeLoginSignup

Home

Car Model

Model of your car

Body type

Car body type

Car class

Car class

Car Image

Upload Image

Browse

Feature 1

Car Features

Feature 2

Car Features

Feature 3

Car Features

Description

Enter your vechile details here.

Submit

About UsContact Us

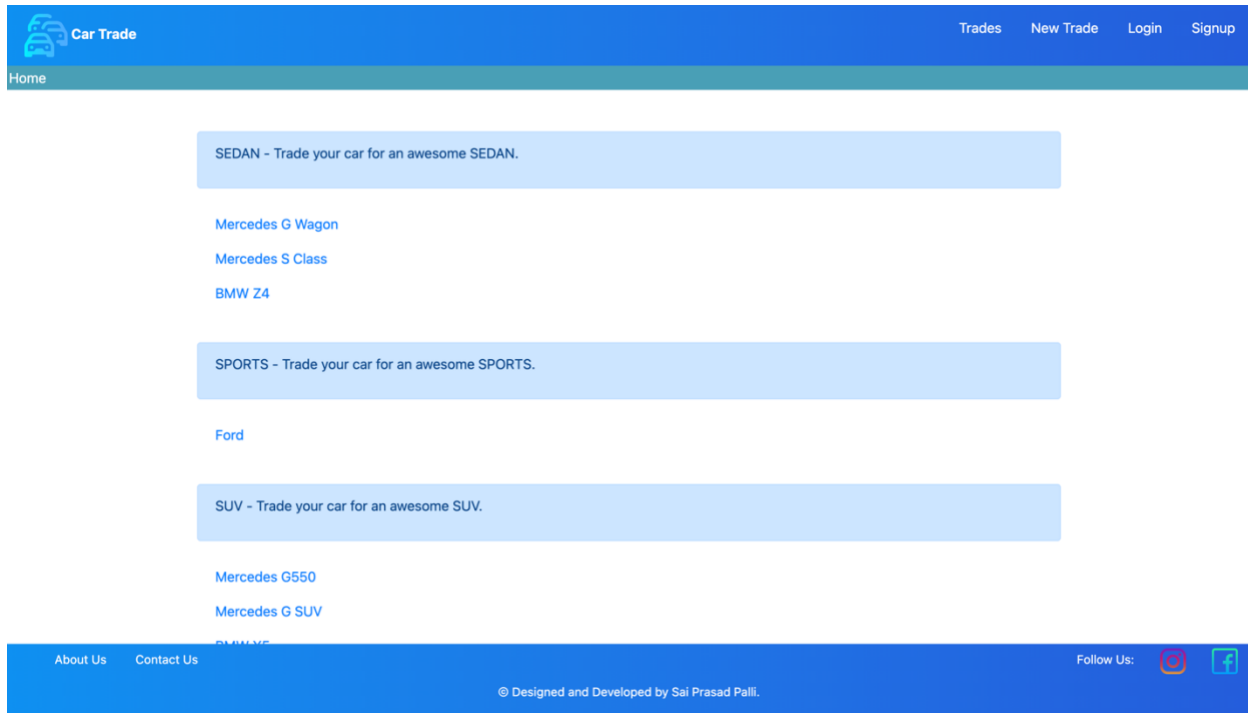
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Adding Btype – “sports” and item details accordingly.

After adding details: (POST method is used)

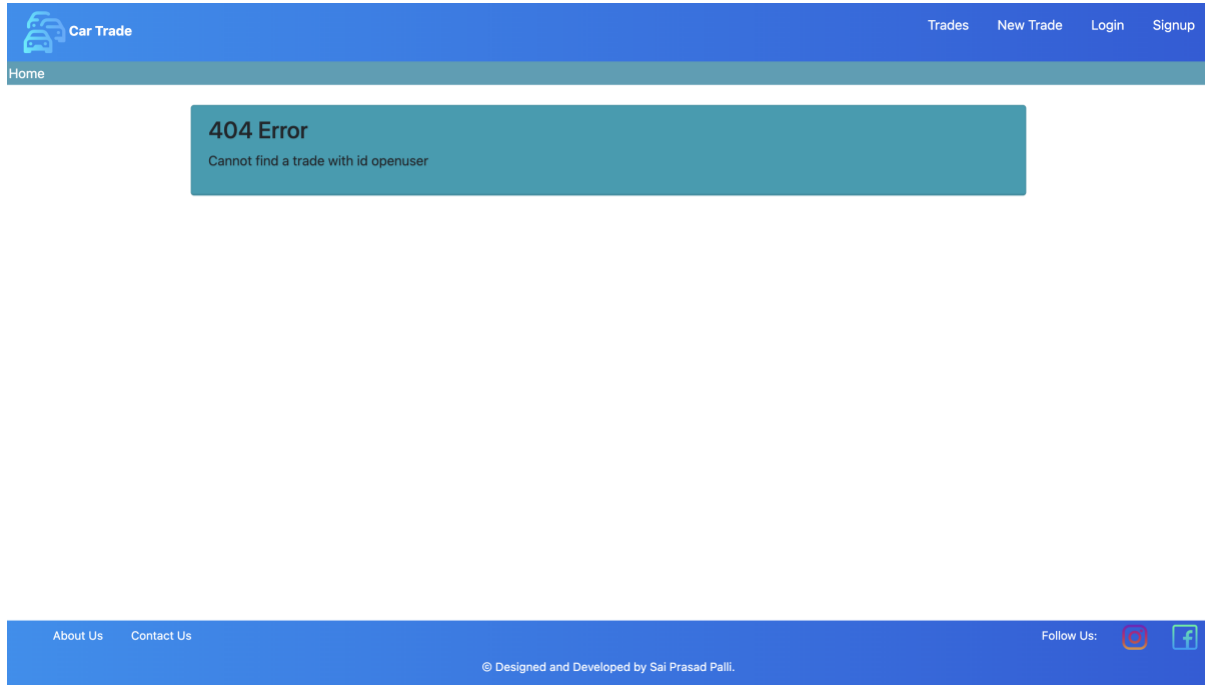
Sports category is added with the item that can be traded. (displayed in a sorted order by category) In past project Sports is displayed at the end.



Error Handling:

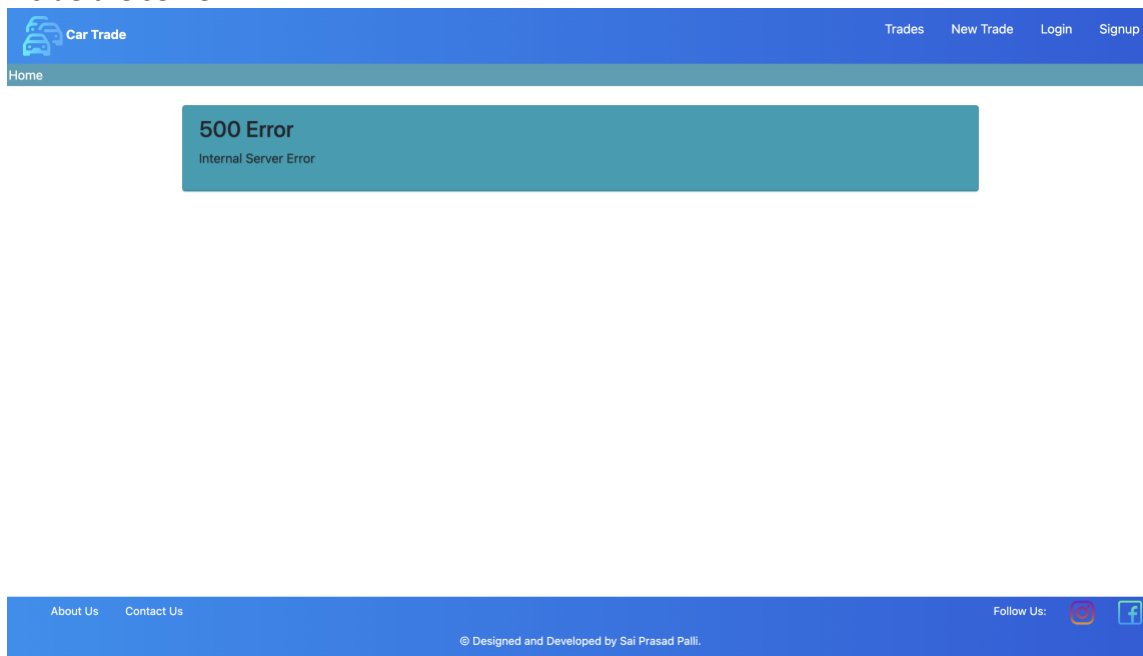
404 Page not found Error: (localhost:3000/trades/:unknown)

When the page is redirected to any link which is directly modified in the URL.



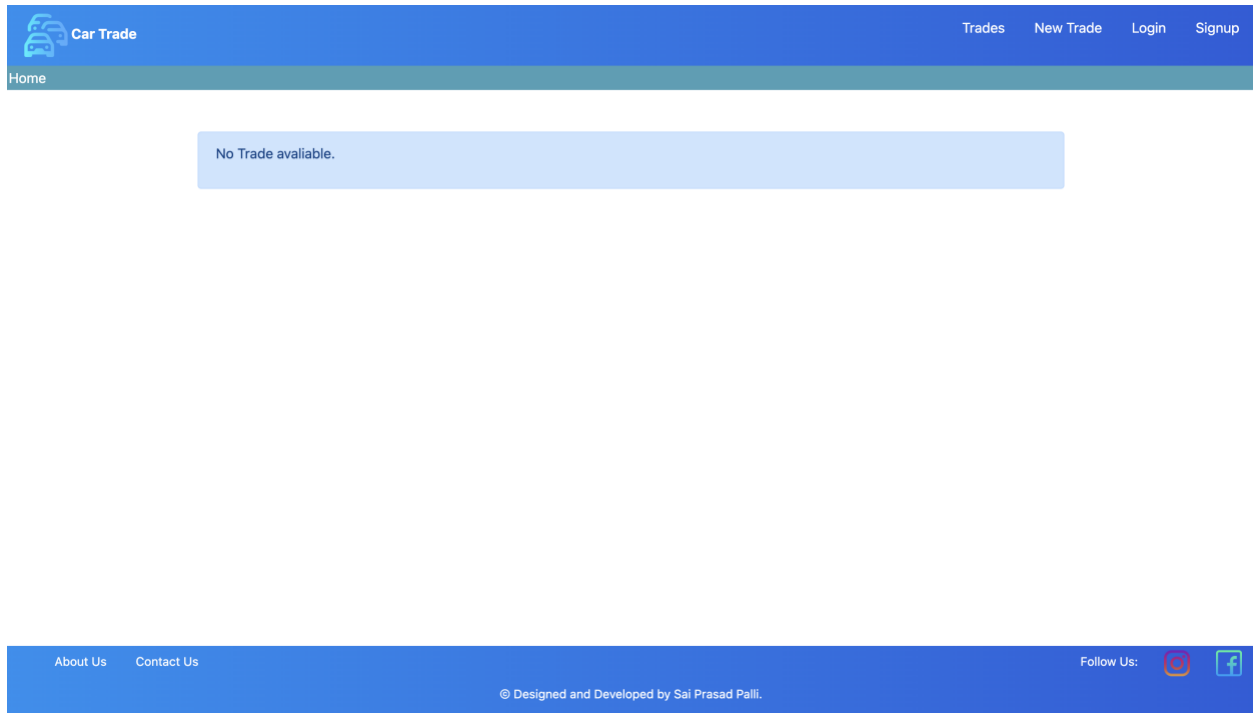
500 Internal server Error:

When the page which is clicked has 500 Internal server error that means there is a problem inside the server.



No Trades:

When all the trade items are deleted. (The categories are also deleted when there are no items present in the category)



2. Description of the RESTful routes for requests associated with trading items. (you can combine this with the screenshots in the previous point)

In the above images it is displayed with the detailed description.

3. Explanation of additional features, if any.

As of now I haven't added any special features. I had focused mainly on making the page more user friendly and made sure I meet all the requirements mentioned in the project description.

4. Explanation of status, stopping point, and issues if incomplete.

The project was successfully completed. I had faced some issues and stopping points. But with enough time and lectures in canvas, I was able to overcome those and complete my project with mentioned requirements.

5. What was the most challenging parts of the assignment. How did you overcome all or some of those challenges?

I had faced challenging when getting the categories in a sorted order. But after enough research I was able to overcome the challenge and successfully complete my project.

6. What was the most exciting/interesting concepts you encountered while completing this project?

I had learned the database connectivity and how to work with APIs in this project. In completing this project, I had to do immerse myself into more research on every concept and because of this I gained a lot of valuable knowledge. Completion of rendering my trades from the database with a smooth process made me overjoyed.