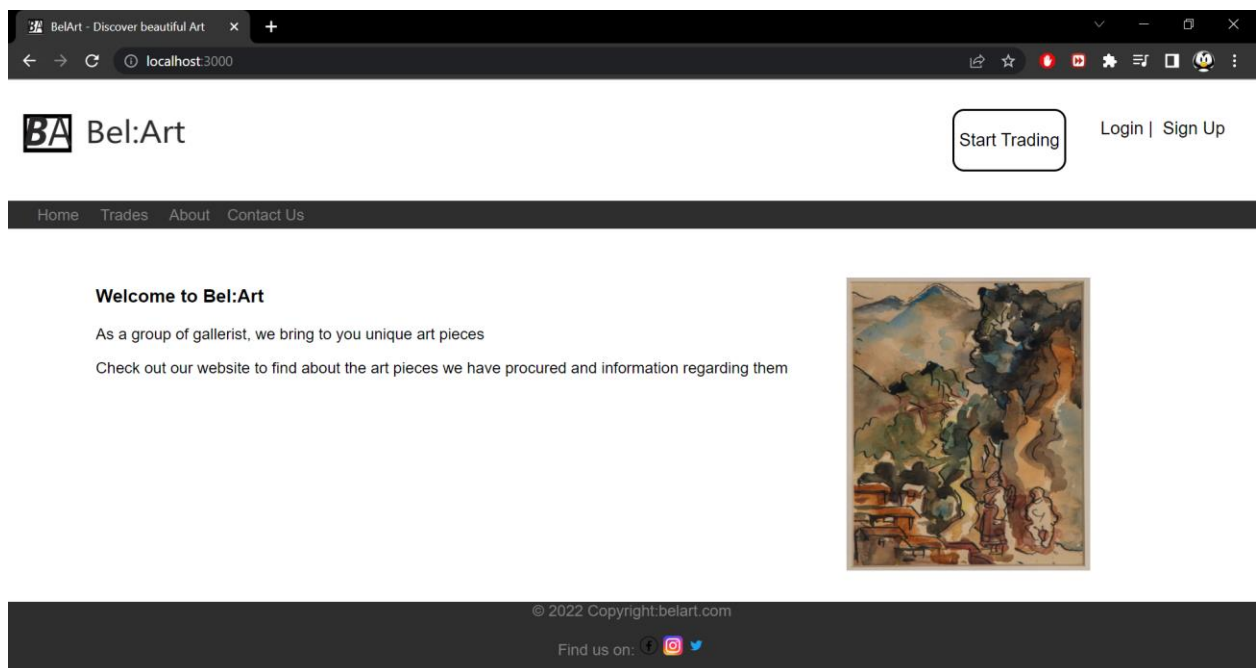


General Navigation & other details

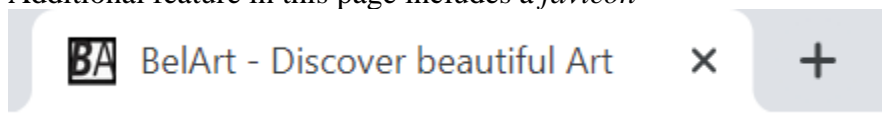
NOTE- The collection name for trades is “belarts” and user information should be stored in the collection ‘users’.

Home Page

- The home page includes Header with site branding and context information with user specification navigation including a Start Trading button and two active navigations options for Login and Sign up.
- The *logo* image in the general site navigation has been linked to the home page.
- The *Start Trading* directs to a new trade page to authorized users, else they are redirected to Login page
- *Trades* link provides link to the trades page, About Us page provides information of the application owner and Contact Us provides contact information of the app owner.
- Footer includes copyright and social network details.



- Additional feature in this page includes a *favicon*

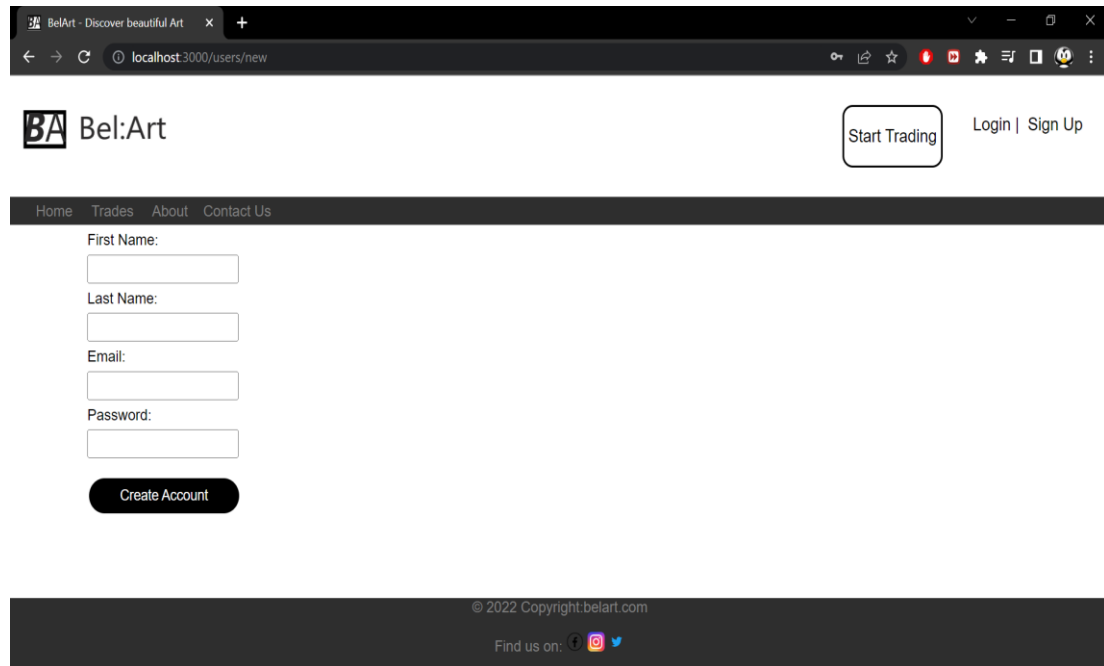


- GET RESTful route is used to access the home page

```
GET / 304 - - 2.639 ms
```

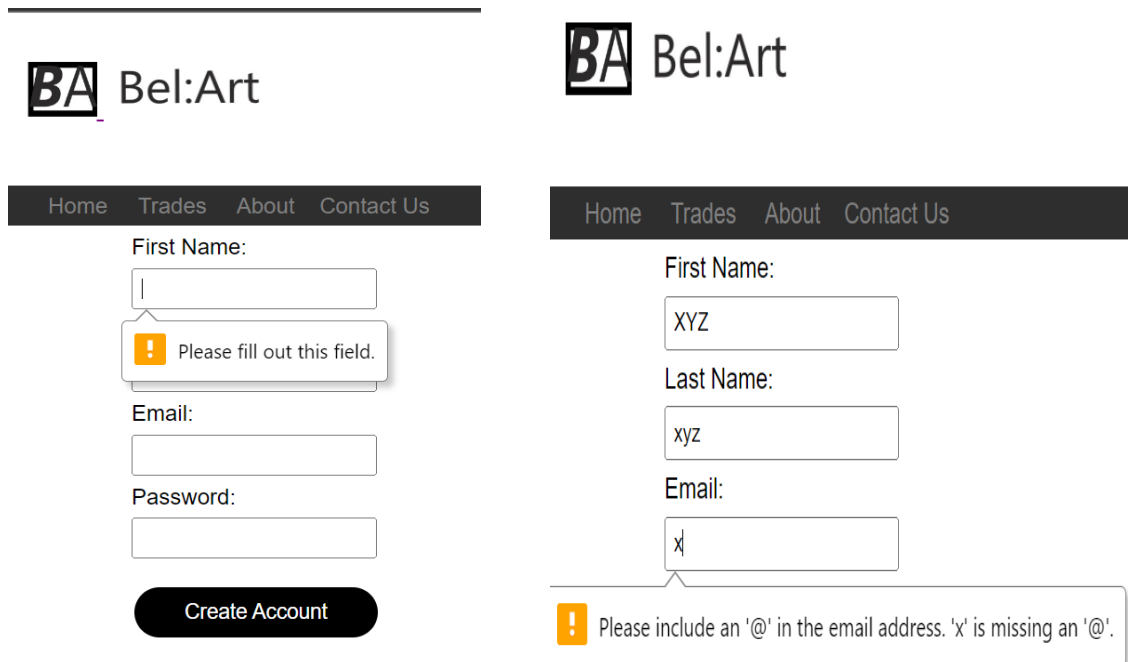
Sign Up

- The Sign Up page includes fields -FirstName, Last name, email and password of a user.



A screenshot of a web browser showing the Sign Up page for Bel:Art. The browser address bar shows 'localhost:3000/users/new'. The page features the Bel:Art logo, a 'Start Trading' button, and links for 'Login' and 'Sign Up'. Below a navigation bar with 'Home', 'Trades', 'About', and 'Contact Us', there is a sign-up form with fields for 'First Name', 'Last Name', 'Email', and 'Password'. A 'Create Account' button is at the bottom of the form. The footer contains copyright information '© 2022 Copyright: belart.com' and social media links for Instagram and Twitter.

- Each field has validations including password.



Two screenshots of the Bel:Art Sign Up page illustrating validation errors. The left screenshot shows the 'First Name' field with an error message: 'Please fill out this field.' The right screenshot shows the 'Email' field with an error message: 'Please include an '@' in the email address. 'x' is missing an '@'.' Both screenshots show the 'First Name', 'Last Name', and 'Email' fields filled with 'XYZ', 'xyz', and 'x' respectively, and the 'Password' field empty. The 'Create Account' button is visible at the bottom of the form in both images.


[Home](#)
[Trades](#)
[About](#)
[Contact Us](#)

First Name:

Last Name:


Email:

Password:


 Please lengthen this text to 8 characters or more (you are currently using 7 characters).

- If a new user tries to use an already existing email, then they will see an error message.

[←](#)
[→](#)
[↻](#)
localhost:3000/users/new


Bel:Art

[Home](#)
[Trades](#)
[About](#)
[Contact Us](#)

Email has been used

First Name:

Last Name:

Email:

Password:

Create Account

Login Page

- Once a user has signed up, they can use the Login page to login using the registered email and password.

- The Login page has email and password validations. If any fails, the user is able to view the error- 'Wrong email address', if the email is not found in the database and an error for wrong password.

- If a user attempts to login multiple times with incorrect details, they will see the following

Profile

- After successful login, users can immediately view their profile page with their trade details.
- It includes three sections – ‘Your trades’, ‘Your watched trades’ and ‘Your Offers’.
- ‘Your trades’ lists all the trades owned by the user.
- ‘Your watched trades’ includes the trades that has been marked as ‘Interested’ by the user.
- ‘Your Offers’ includes the trades that has been offered.



Home Trades About Contact Us
You have successfully logged in

Welcome to Bel:Art, Bob !

Your trades

Art	Category	Status	Action
Classical Music	Indian Art	available	Edit Delete
Hysteria	Modern Art	available	Edit Delete
Monsoon	Modern Art	available	Edit Delete
Gods creation	Indian Art	available	Edit Delete
Heddic	Street Art	available	Edit Delete

Your watched trades

There are no arts in the watchlist.

Your Offers

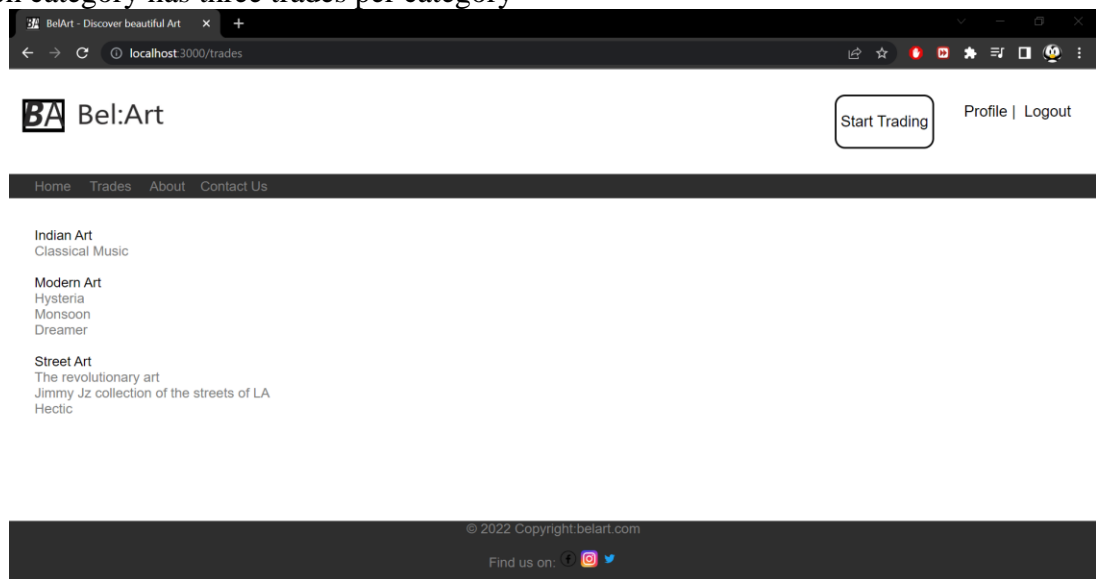
There are no arts in offer.

- Each of the trade's name is a hyperlink

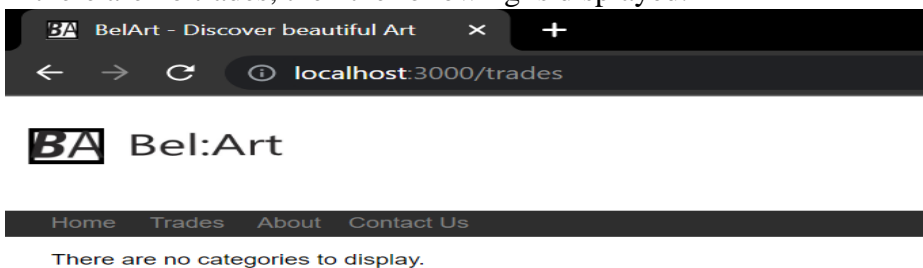
Art	Category	Status	Action
The revolutionary art	Street Art	available	<div>Edit</div> <div>Delete</div>
Jimmy Jz collection of the streets of LA	Street Art	available	<div>Edit</div> <div>Delete</div>
An Ode to the Queen of Hills	Indian Art	available	<div>Edit</div> <div>Delete</div>
Dreamer	Modern Art	available	<div>Edit</div> <div>Delete</div>

Trades

- The Trades page has three categories for trading- Indian Art, Modern Art and Street Art. Each category has three trades per category



- If there are no trades, then the following is displayed.



- GET RESTful route is used to access the Trades page

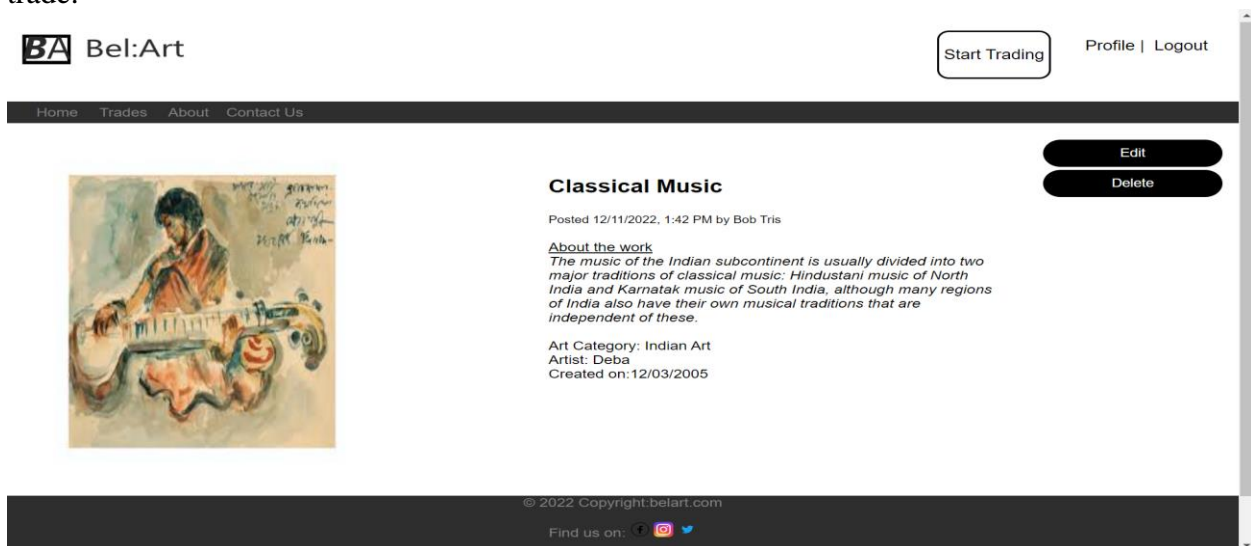
```

PS C:\Users\candy\OneDrive\Desktop> curl http://localhost:3000/trades
Server is running on port 3000
GET / 304 - - 36.763 ms
GET /trades 304 - - 65.177 ms

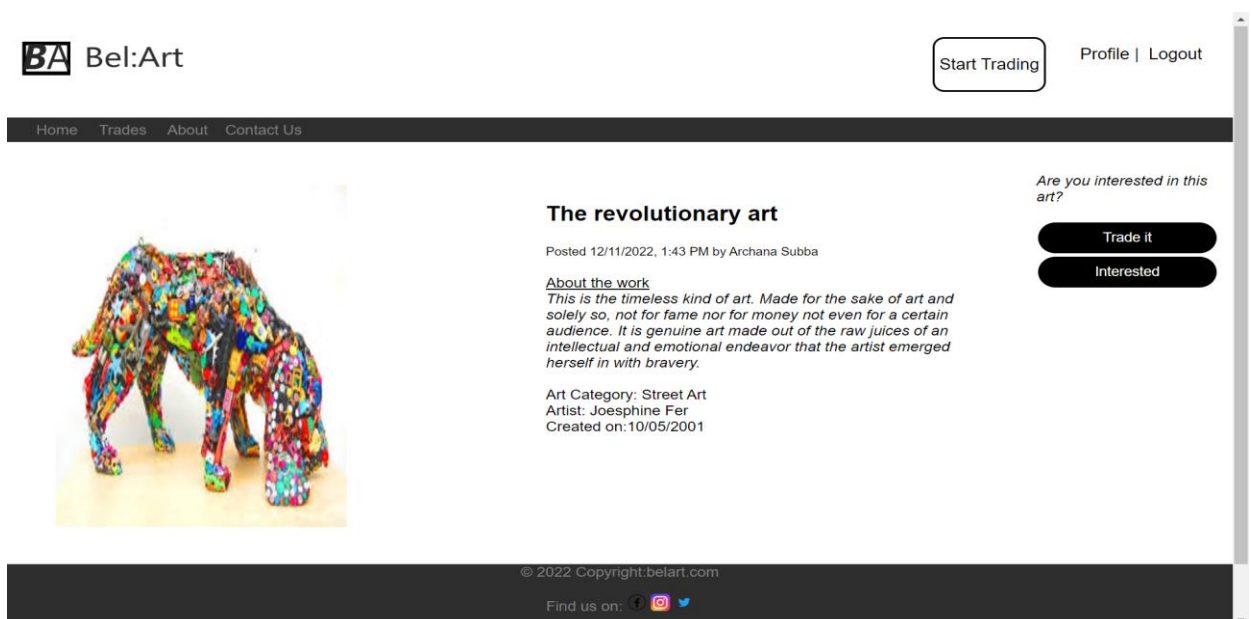
```

Trades detail

- This page includes the picture of the item to be traded including its description and other additional details.
- If the owner of the trade views the page, it will include buttons to either edit or delete the trade.



- Other users will see the following



- Additionally, if users hover on top of the image, the image will zoom out.



Monsoon

Posted 12/12/2022, 12:05 AM by Bob Tris

About the work

Usually, the term monsoon is used to refer to the rainy phase of a seasonally changing pattern, although technically there is also a dry phase.

Art Category: Modern Art

Artist: Tarra Parker

Created on:02/05/1997

Are you interested in this art?

Trade it

Interested

Trades Edit

- This page provides edit feature to the user.

Bel:Art - Discover beautiful Art

localhost:3000/trades/638546ede4426a544c40e9f0/edit?

BA Bel:Art

Start Trading Profile | Logout

Home Trades About Contact Us

Art Category
Indian Art

Title
Classical Music

Created on
12/03/2005

Artist
Deba

Image URL
https://encrypted-tbn0.gstatic.com

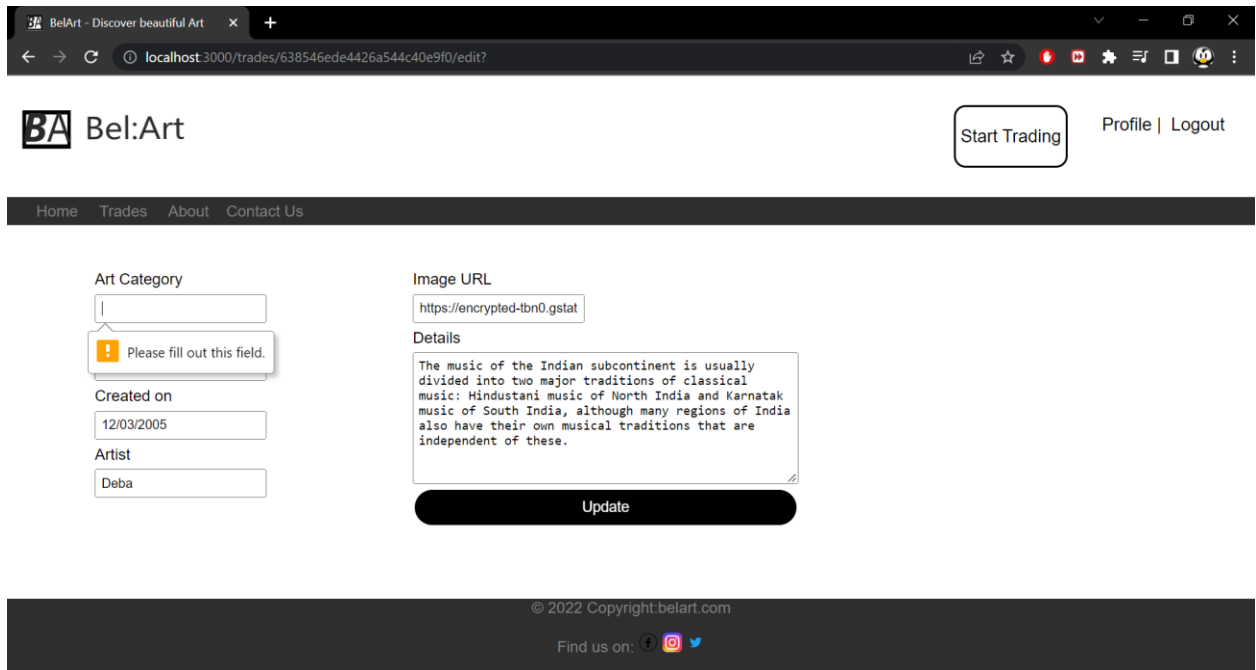
Details
The music of the Indian subcontinent is usually divided into two major traditions of classical music: Hindustani music of North India and Karnatak music of South India, although many regions of India also have their own musical traditions that are independent of these.

Update

© 2022 Copyright:belart.com

Find us on:

- The edit page includes input validation on all the fields.



Bel:Art - Discover beautiful Art

localhost:3000/trades/638546ede4426a544c40e9f0/edit?

BA Bel:Art

Start Trading Profile | Logout

Home Trades About Contact Us

Art Category

Please fill out this field.

Created on

12/03/2005

Artist

Deba

Image URL




https://encrypted-tbn0.gstatic

Details

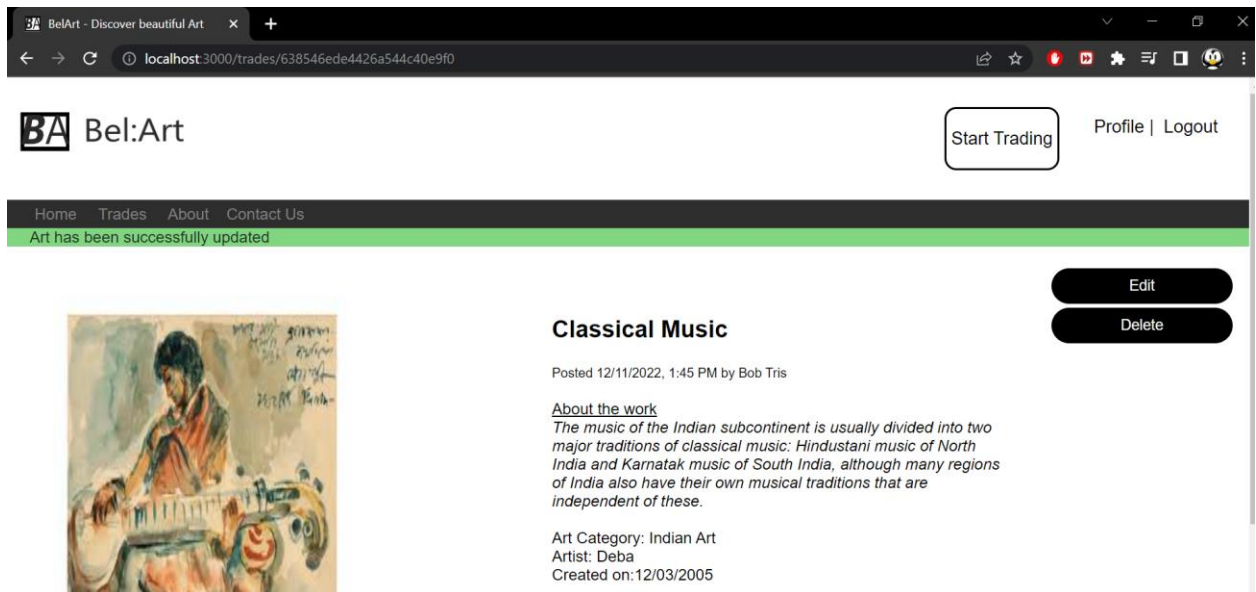
The music of the Indian subcontinent is usually divided into two major traditions of classical music: Hindustani music of North India and Karnatak music of South India, although many regions of India also have their own musical traditions that are independent of these.

Update

© 2022 Copyright belart.com

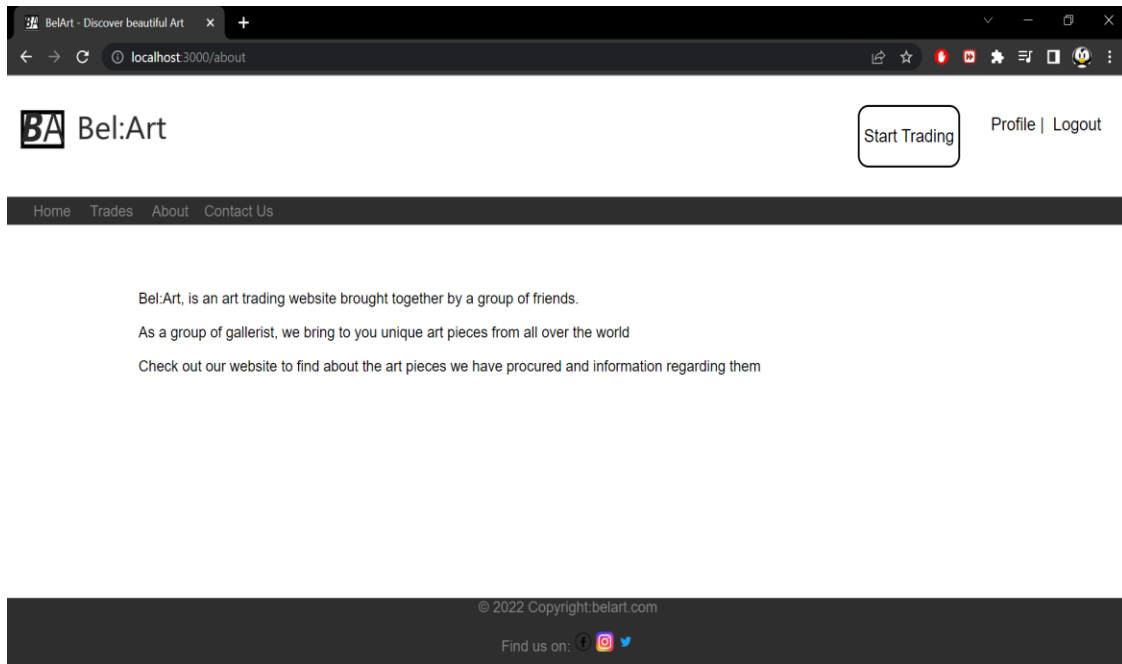
Find us on:   

- If the trade is updated, the user is notified with the successfully updated message.



About page

- This page has general information of the trade owners.

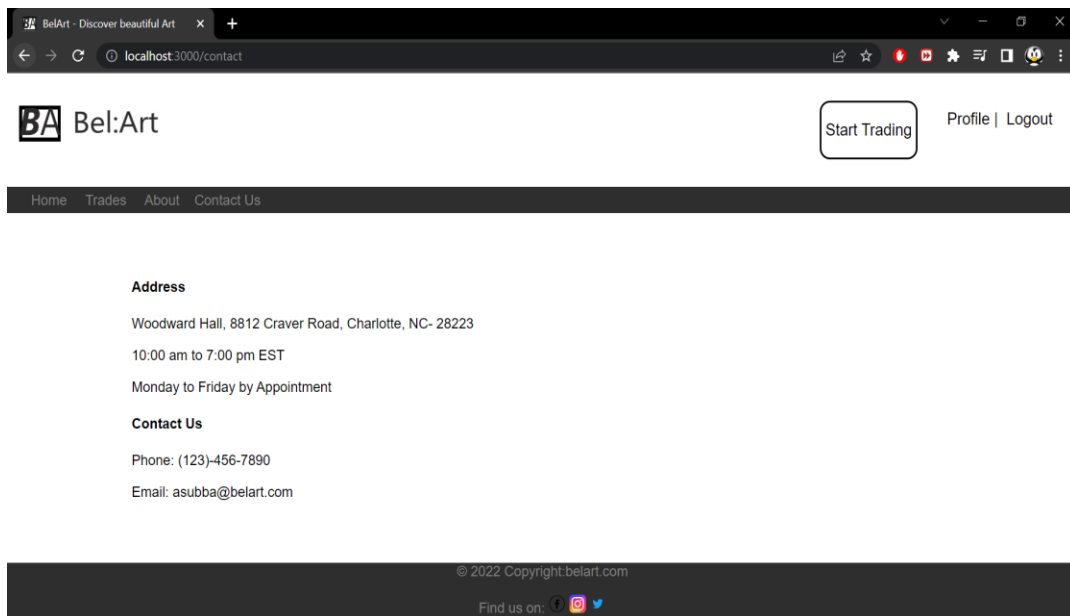


- It also uses GET RESTful route to access the page

```
GET /trades 200 3093 - 27.259 ms
GET /about 304 - - 4.759 ms
```

Contact Us page

- It has the contact information



- It also uses GET RESTful route to access the page

```
GET /trades 200 3093 - 27.259 ms
GET /about 304 - - 4.759 ms
GET /contact 304 - - 9.536 ms
```

New Trades (Start Trading)

- This page enables user to add any new trade in the listing

Bel:Art - Discover beautiful Art

localhost:3000/trades/new

BA Bel:Art

Start Trading Profile | Logout

Home Trades About Contact Us

Art Category

Test

Title

test

Created on

11/4/2022

Artist

Test

Image URL

https://artlogi-res.cloudinary

Details

This is a test

☒ I Agree to the [Terms and Conditions](#)

Create Trade

© 2022 Copyright belart.com

Find us on: [Facebook](#) [Instagram](#) [Twitter](#)

- If a user is not logged in, they will be redirected to 'Login' page

BA Bel:Art

Home Trades About Contact Us

You need to log in first

Welcome Back

Don't miss your next opportunity. Sign in to stay updated on your trades.

Email Address:

Password:

Login

- This page also includes input validation

Home Trades About Contact Us

Art Category
Test

Title
|

! Please fill out this field.

Artist
Test

Image URL
data:image/jpeg;base64,9j

Details
|

! Please lengthen this text to 10 characters or more (you are currently using 1 character).

Create Trade

- Additional feature includes a checkbox to agree the Terms and Conditions

I Agree to the Terms and Conditions

! Please check this box if you want to proceed.

- Server validation also includes in the page

Home Trades About Contact Us

Category cannot be empty and must be at least 3 characters

Art Category
|

! Please fill out this field.

Created on
MM/DD/YYYY

Artist
|

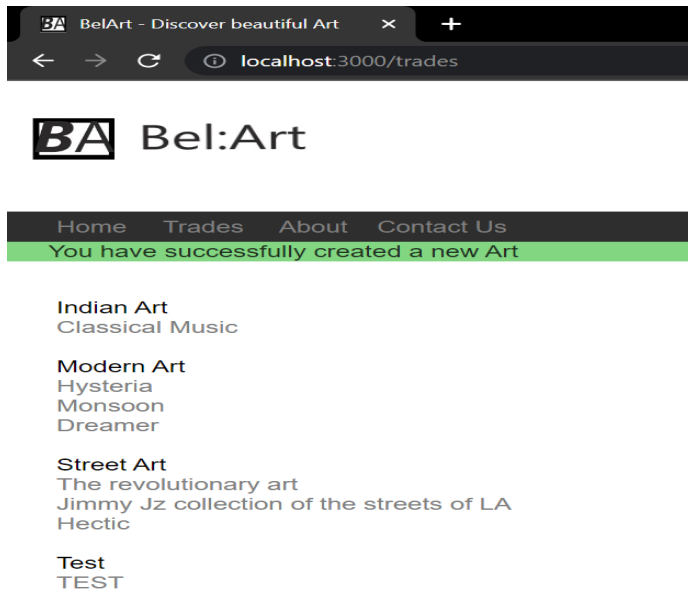
Image URL
|

Details
|

☐ I Agree to the Terms and Conditions

Create Trade

- Once the new trade is created, the new trade is updated in the Trades list with a success flash message



- It also uses GET RESTful route to access the page

```
GET /trades 200 3093 - 27.259 ms
GET /about 304 - - 4.759 ms
GET /contact 304 - - 9.536 ms
GET /trades/new 304 - - 10.842 ms
```

- It uses POST RESTful route to post the listing

```
GET /trades/new 304 - - 8.205 ms
POST /trades 302 58 - 4.453 ms
GET /trades 200 3733 - 2.776 ms
```

Error Handling

- The application gives 404 Error when its unable to locate unknown page



[Home](#) [Trades](#) [About](#) [Contact Us](#)

The server cannot locate /test

[<< GO BACK TO TRADES](#)

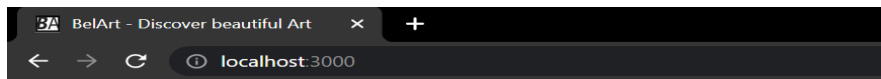
- The application displays Error when it finds an unmatched id for querying, deleting and updating. It also includes a link to go back to the trades list.

[Home](#) [Trades](#) [About](#) [Contact Us](#)

Cannot find an art with id: 63854623e4426a544c40e9ed

[<< GO BACK TO TRADES](#)

- The application redirects user to Home page/index when it finds an invalid ObjectId



[Home](#) [Trades](#) [About](#) [Contact Us](#)

Invalid art id

- The application redirects user to Home page/index when unauthorized users try to edit/delete an trade.



Home Trades About Contact Us

Unauthorized access to the resource

- It uses GET RESTful route

```
GET /trades/63668c19b3336c69c83cefb0 404 1781 - 8.706 ms
GET /test 404 1760 - 2.798 ms
```

Working with Trades

Interested/Not Interested (Watch/Unwatch)

- A user if interested in a Trade, can select the “Interested” button present in the Trade details page.

Are you interested in this art?

Trade it

Interested

- Once selected, the user is redirected to the Profile page and the trade is reflected in the “Your watched trades” list.

Your watched trades

Art	Category	Status	Action
Jimmy Jz collection of the streets of LA	Street Art	available	Not interested

- The user also has an option to unselect the trade from the list by selecting the “Not Interested” button. This button can be selected from the Trades page as well as the Profile page.

Are you interested in this art?

Trade it

Not interested

- Once selected, the trade is removed from the “Your watched trades” list.

Trade it

- Now, if a user wants to trade, they can do so by selecting the “Trade it” button in the Trade details page. Once selected, the user will be able to view all the trades which they can use to trade.

Welcome to Bel:Art, Bob !

Your trades

Art	Category	Status
<input type="radio"/> Classical Music	Indian Art	available
<input type="radio"/> Hysteria	Modern Art	available
<input type="radio"/> Monsoon	Modern Art	available
<input type="radio"/> Hectic	Street Art	available
<input type="radio"/> TEST	Test	available

Trade it

- Once the trade is selected, the user is redirected to the Profile page and can see a flash message. They will also see the “Manage offer” option button updated for the trade that was selected previously.

[Home](#) [Trades](#) [About](#) [Contact Us](#)

Trade has been successfully offered

Welcome to Bel:Art, Bob !

Your trades

Art	Category	Status	Action
Classical Music	Indian Art	available	Edit Delete
Hysteria	Modern Art	available	Edit Delete
Monsoon	Modern Art	available	Edit Delete
Hectic	Street Art	available	Edit Delete
TEST	Test	offer pending	Edit Delete Manage Offer

- If the user uses the “Manage Offer” option, they will have the option to cancel the offer. I have also included a Go Back option, that takes the user back to the profile page.

Welcome to Bel:Art!

 <p>Jimmy Jz collection of the streets of LA</p>	 <p>TEST</p>	<p>Cancel offer</p> <p>Go Back</p>
---	---	------------------------------------

- The same user can see the offered trade details in the Profile page, including the Cancel offer button.

Your Offers

Art	Category	Status	Action
Jimmy Jz collection of the streets of LA	Street Art	offer pending	Cancel offer

- Now, if another user who owns the trade that was selected previously logs in, can use the “Manage Offer” button to either accept or reject the offer that was made previously.

Welcome to Bel:Art!

 <p>Jimmy Jz collection of the streets of LA</p>	 <p>TEST</p>	<p>Accept</p> <p>Reject</p>
---	---	-----------------------------

- If any of the option is selected, user will be redirected to Profile page and will be displayed flash message.

Home Trades About Contact Us
Art has been successfully updated
Offer has been Rejected

Welcome to Bel:Art, Archana !

Your trades

Art	Category	Status	Action
The revolutionary art	Street Art	available	<p>Edit</p> <p>Delete</p>
Jimmy Jz collection of the streets of LA	Street Art	available	<p>Edit</p> <p>Delete</p>
Dreamer	Modern Art	available	<p>Edit</p> <p>Delete</p>


- Users can see three status – available, offer pending and traded.

Welcome to Bel:Art, Bob !

Your trades


Art	Category	Status	Action
Classical Music	Indian Art	traded	Edit Delete
Hysteria	Modern Art	available	Edit Delete
Monsoon	Modern Art	available	Edit Delete
Hectic	Street Art	available	Edit Delete
TEST	Test	offer pending	Edit Delete Manage Offer

- Also, if a user views an already traded trade, they will only be able to view the “Interested” button.

 Bel:Art

[Start Trading](#)
[Profile](#) | [Logout](#)

[Home](#) | [Trades](#) | [About](#) | [Contact Us](#)



Jimmy Jz collection of the streets of LA

Posted 12/11/2022, 2:17 PM by Archana Subba

About the work
sculpture, an artistic form in which hard or plastic materials are worked into three-dimensional art objects. The designs may be embodied in freestanding objects, in reliefs on surfaces, or in environments ranging from tableaux to contexts that envelop the spectator.

Art Category: Street Art
Artist: Dean
Created on: 03/11/2005

Are you interested in this art?

[Interested](#)

Conclusion

I have completed all the criteria required for this assignment and all the features of the web application are working correctly for me. The most interesting part for me while working on this assignment was during understanding and implementation of the tasks.

The most difficult part of this assignment was to create and link the pages and model correctly. Many times, the application crashed because of this issue. However, with time, I understood how to fix the errors and was able to complete the task.