# 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.
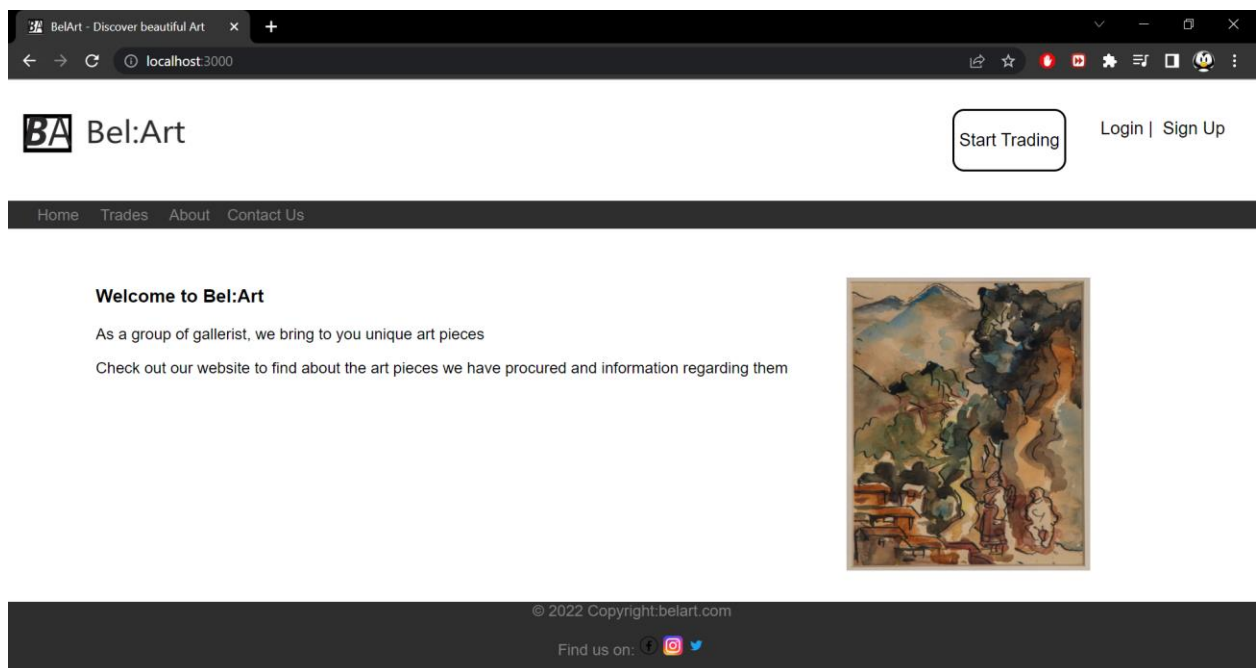
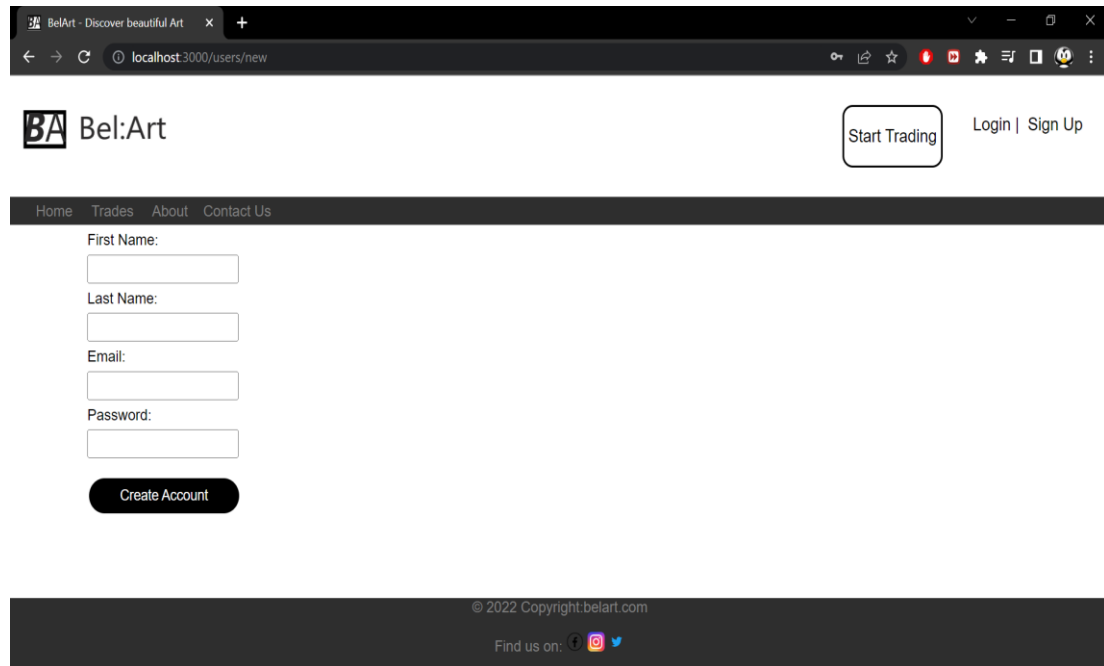- Additional feature in this page includes a *favicon*
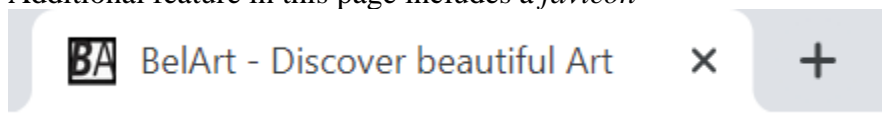
- GET RESTful route is used to access the home page
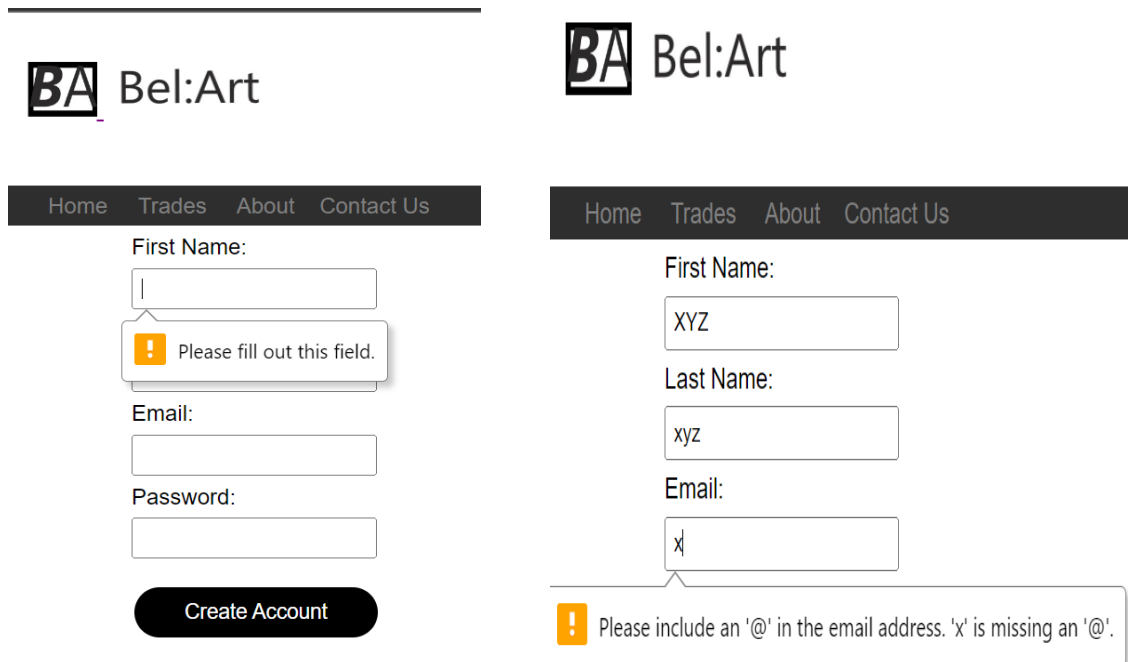
```
GET / 304 - - 2.639 ms
```

Sign Up

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

- Each field has validations including password.

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

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.

BA Bel:Art

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
Hectic	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	Edit / Delete
Jimmy Jz collection of the streets of LA	Street Art	available	Edit / Delete
An Ode to the Queen of Hills	Indian Art	available	Edit / Delete
Dreamer	Modern Art	available	Edit / Delete

Trades

- The Trades page has three categories for trading- Indian Art, Modern Art and Street Art. Each category has three trades per category
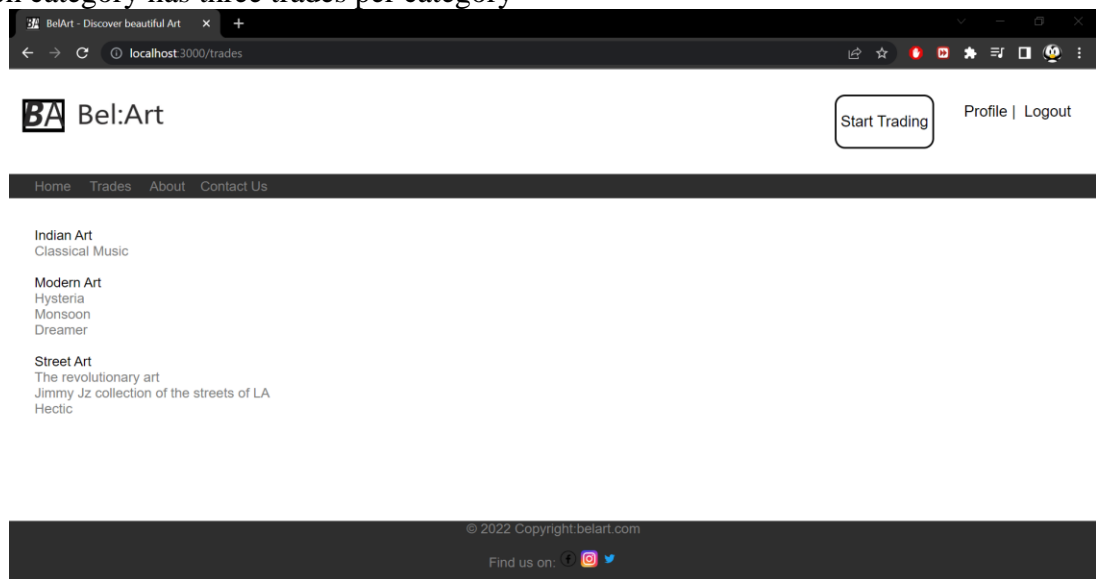
- If there are no trades, then the following is displayed.
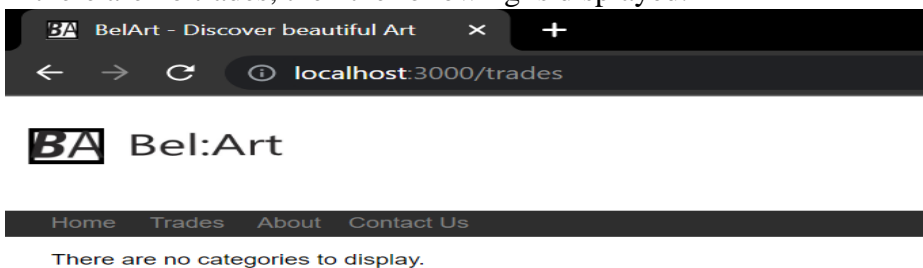
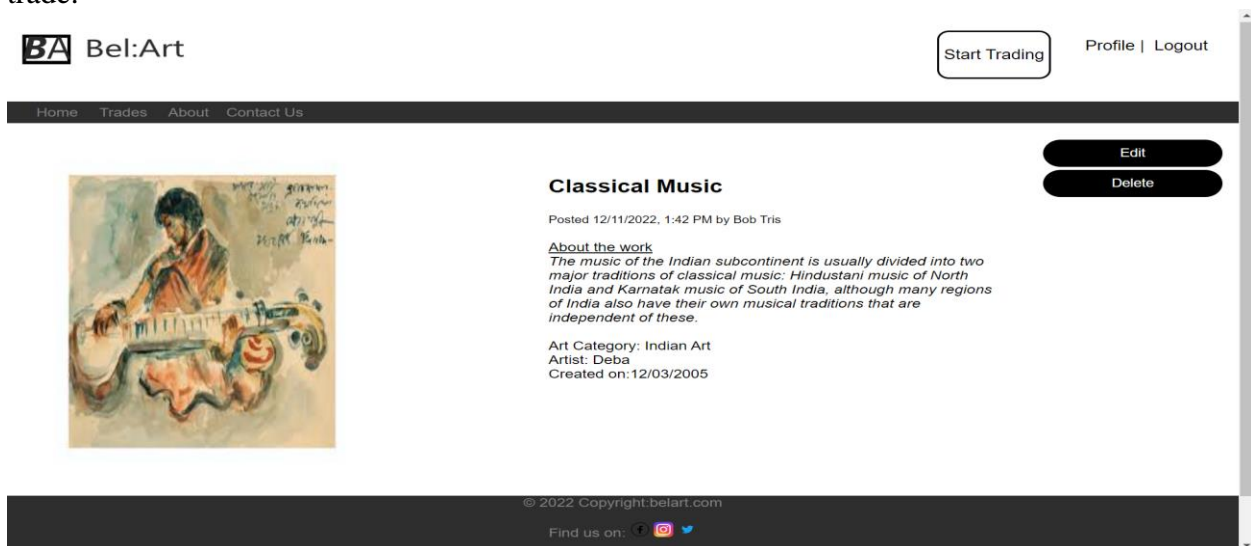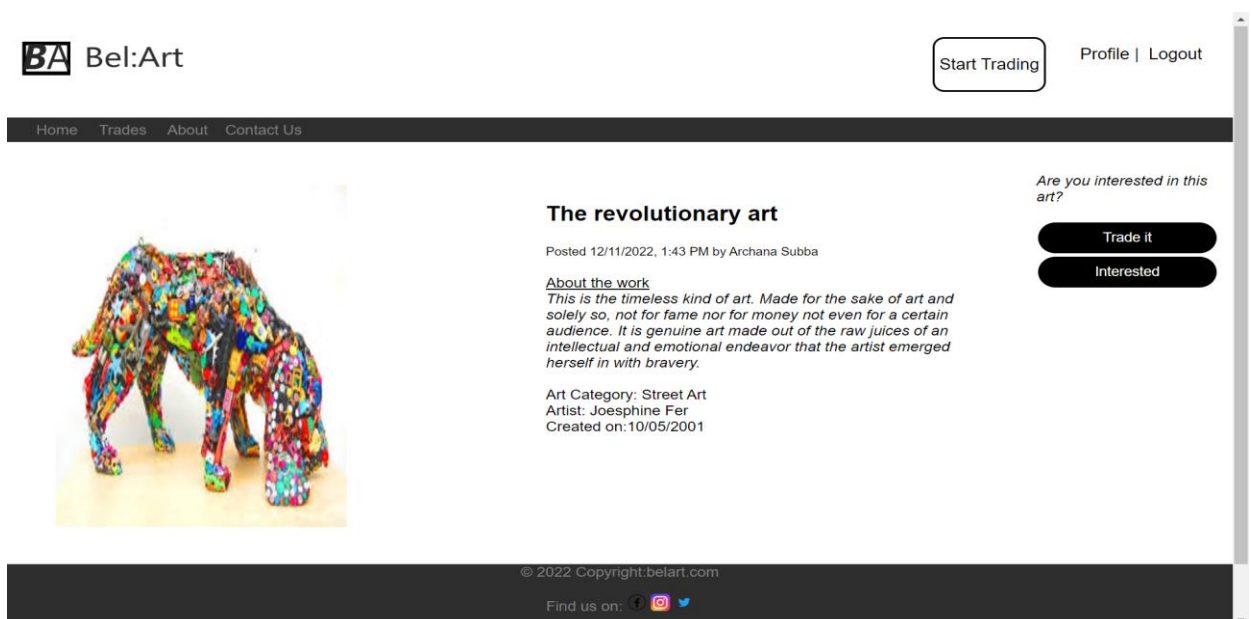- GET RESTful route is used to access the Trades page

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.

Trades Edit

- This page provides edit feature to the user.
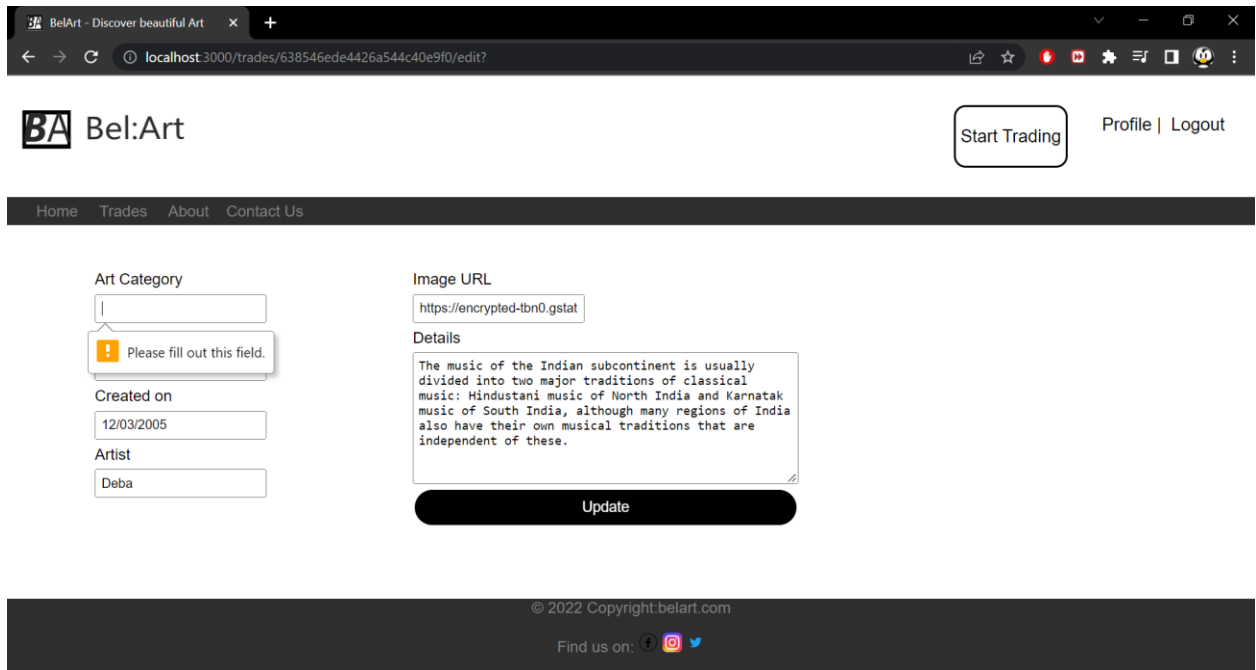
- The edit page includes input validation on all the fields.

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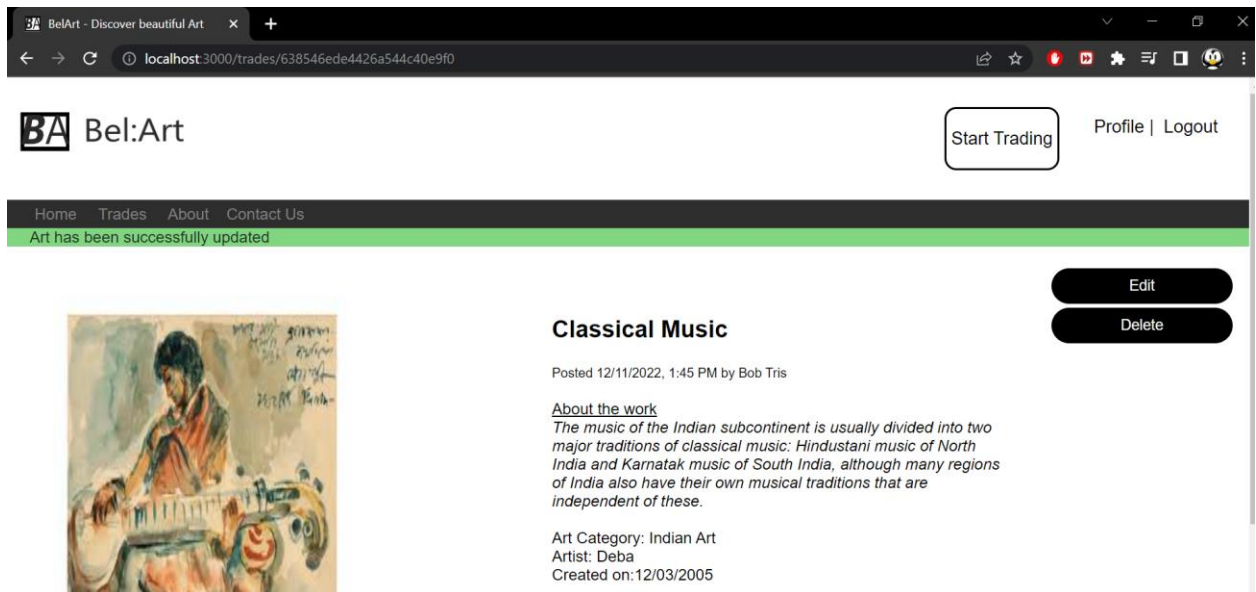
About page

- This page has general information of the trade owners.
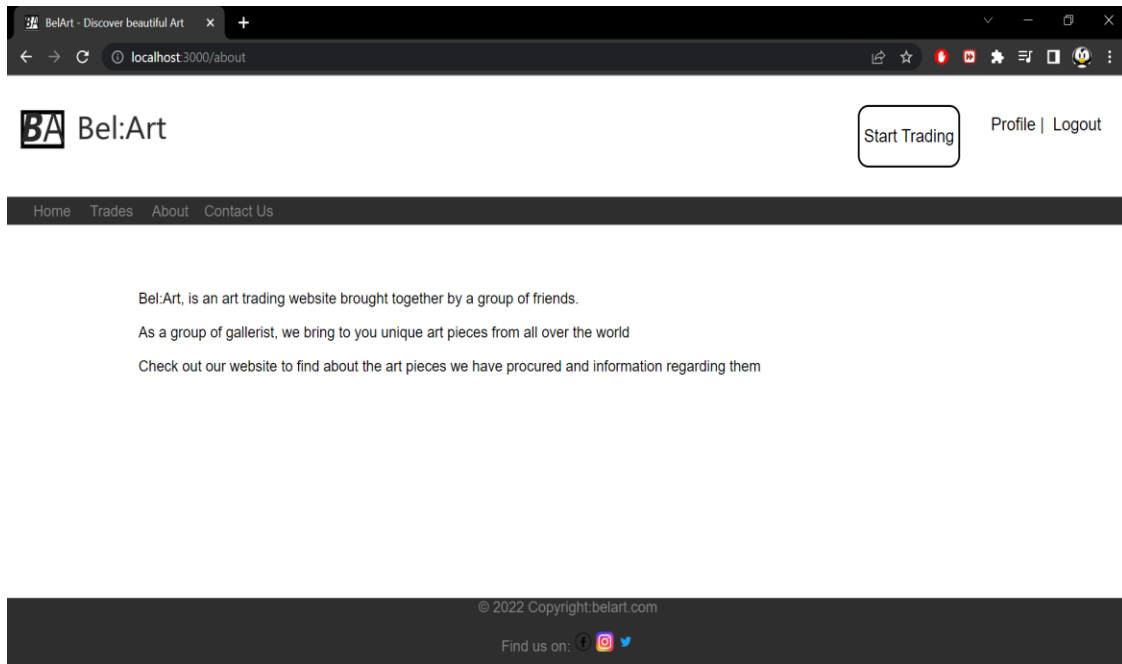
- It also uses GET RESTful route to access the page

Contact Us page

- It has the contact information
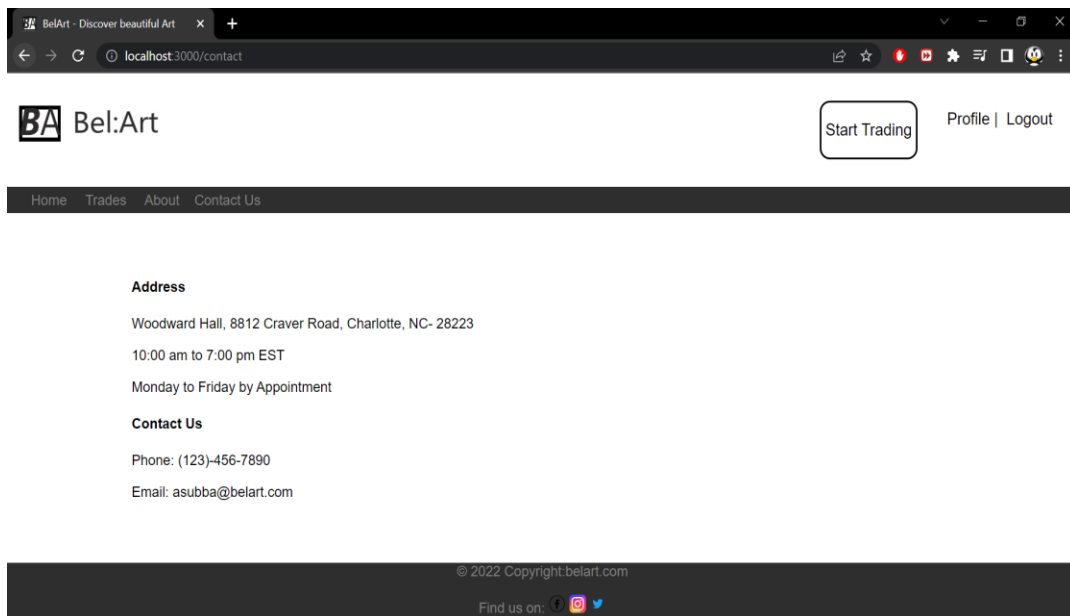
- It also uses GET RESTful route to access the page

```
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

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

- This page also includes input validation

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

- Server validation also includes in the page

- Once the new trade is created, the new trade is updated in the Trades list with a success flash message
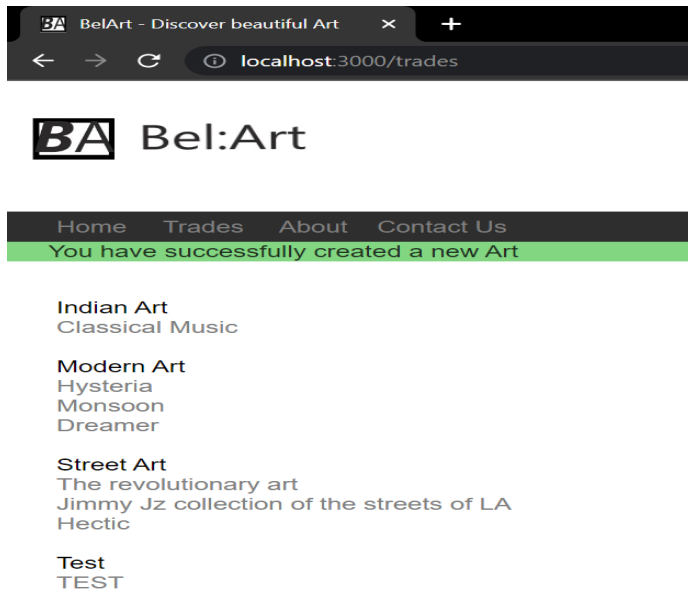
- It also uses GET RESTful route to access the page

```
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

- 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.

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

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

- It uses GET RESTful route

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.
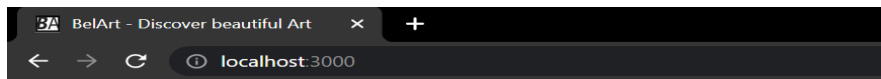

- Once selected, the user is redirected to the Profile page and the trade is reflected in the "Your watched trades" list.

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.

- 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.

- 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.

- 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!

- 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!

- 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	Edit Delete
Jimmy Jz collection of the streets of LA	Street Art	available	Edit Delete
Dreamer	Modern Art	available	Edit Delete

- 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.

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