

Link to github: <https://github.com/RubyWilkins/ahproject>

Website Planning:

Website Purpose:

This website is about art history. It is for me and other people who enjoy art. It will have a page for each of the main artistic movements and there will be pages for main paintings associated with each movement.

The movements covered will be:

Neoclassicism, Romanticism, Realism, Impressionism, Post-Impressionism.

Database Notes and design:

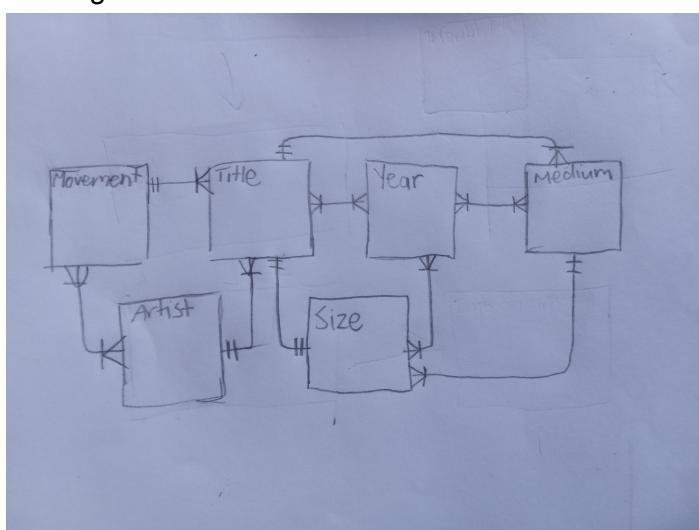
Tables:

Movement

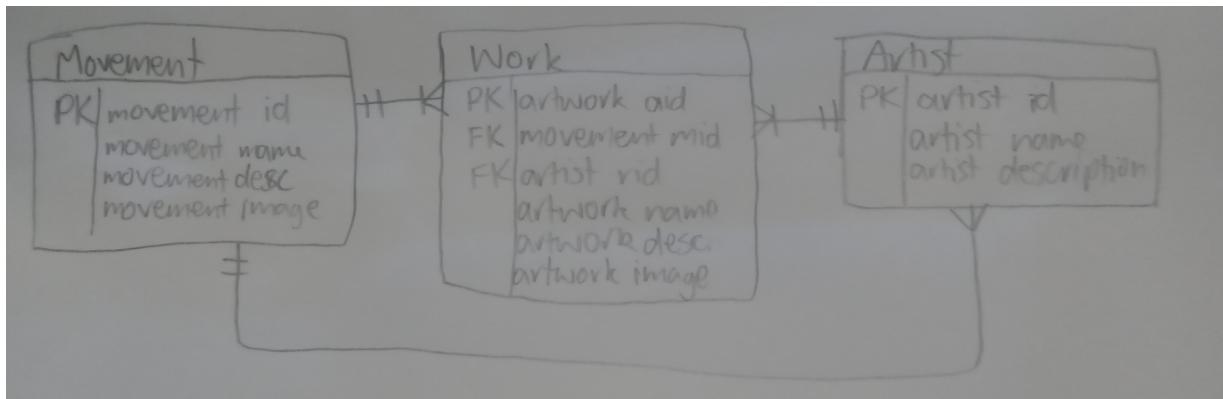
Artist

Artwork

ER diagram version 1:



ER diagram version 2:



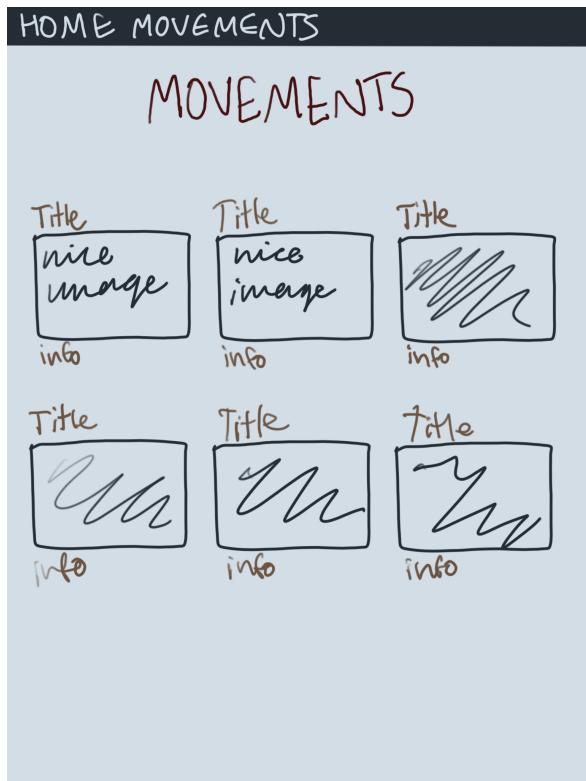
I realised that I could have the same amount of information but using three tables instead of six, making it more simple and better organised. Instead of having different tables for all the information it is now organised better so all the information relevant to one of the three main things will be in that table. I also added primary keys and foreign keys as for this second iteration I actually understood how databases worked.

Website layout and design:



This is the home page. It will have an image of whichever artwork I end up choosing, and it'll have the words Art History over the top.

```
@app.route("/")
def home():
    return.render_template("home.html")
```



This is the page which lists all the art movements covered in the website. Each movement has the name, an image and a small description.

```
@app.route("/movements"):
def movements():
    conn = sqlite3.connect("Art.db")
    cur = conn.cursor()
    cur.execute("SELECT * FROM Movements")
    results = cur.fetchall()
    return render_template("all_movements.html", results = results)
```

HOME MOVEMENTS

MOVEMENT

description bla bla bla
bla bla bla bla bla bla



This page lists the most important artworks from whichever movement. The name of the artwork and an image is shown.

```
@app.route (“/movement/<int:id>”):  
def movement (id):  
    conn = sqlite3.connect("Art.db")  
    cur = conn.cursor()  
    cur.execute("SELECT name,desc FROM Movements WHERE id=?",(id,))  
    mov = cur.fetchone()  
    cur.execute("SELECT name, image FROM Work WHERE mid=?",(id,))  
    works = cur.fetchall()  
    return render_template(“movement.html”, movement=mov, works=works)
```



This page shows information about the artwork.

```
@app.route (“/work/<int:id>”):  
def work (id):  
    conn = sqlite3.connect("Art.db")  
    cur = conn.cursor()  
    cur.execute("SELECT name,desc,image, rid FROM Work WHERE id=?",(id,))  
    work = cur.fetchone()  
    cur.execute("SELECT name, desc FROM Artist WHERE id=?",(work[3],))  
    artist = cur.fetchone()  
    return render_template("work.html",work=work, artist=artist)
```

Artworks:

Neoclassicism:

Portrait of Marie Antoinette 1783- Vigee Le Brun
Lictors Bringing Back to Brutus the Bodies of His Sons 1789- David
The Death of Marat 1793- David
Napoleon in his Study 1812- David
Grande Odalisque 1814- Ingres

Romanticism:

The Third of May 1808- Goya
The Raft of the Medusa 1819- Gericault

Massacre at Chios 1824- Delacroix
Liberty Leading the People 1830- Delacroix
Newton 1795- Blake

Realism:

Burial at Ornans 1849- Courbet
The Gleaners 1857- Millet
The Angelus 1859- Millet
The Third-Class Carriage 1864- Daumier
Ville-d'Avray 1865- Corot

Impressionism:

Impression Sunrise 1872- Monet
The Ballet Class 1874- Degas
Little Girl in a Blue Armchair 1878- Cassatt
Summer's Day 1879- Morisot
The Water Lily Pond 1899 - Monet

+Post Impressionism:

A Sunday Afternoon 1886- Seurat
Café Terrace at Night 1888- Van Gogh
The Starry Night 1889- Van Gogh
The Card Players 1894-95- Cézanne
Where Do We Come From? What Are We? Where Are We Going? 1897- Gauguin

Iterations:

Iteration 1:

The first interaction is a simple website just displaying the content from the database with no images or css.

MY WEBSITE

[HOME](#) · [CONTACT](#) · [ABOUT](#) · [MOVEMENTS](#) ·
Seven Awesomes

ASDFGHJK

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MY WEBSITE

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contact

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About

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MY WEBSITE

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Movements

[Neoclassical](#)

1760-1850

[Romanticism](#)

1800-1850

[Realism](#)

1840-1915

[Impressionism](#)

1867-1886

[Post-Impressionism](#)

1886-1905

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Neoclassical

1760-1850

[Portrait of Marie Antoinette](#)

[The Death of Marat](#)

[Lictors bringing Back to Brutus the Bodies of His Sons](#)

[Napoleon in his Study](#)

[Grande Odalisque](#)

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[Portrait of Marie Antoinette](#)

1783

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Iteration 2:

I added all the images to the website. I made sure all the images were under the creative commons licence.

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About

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MY WEBSITE

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Movements

Neoclassical

1760-1850



Romanticism

1770-1850



Romanticism

1800-1850



Realism

1840-1915



Lictors bringing Back to Brutus the Bodies of His Sons



MY WEBSITE

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Neoclassical

1760-1850

[Portrait of Marie Antoinette](#)



Iteration 3:

I created a search bar for the website. The user is able to search for any artwork on the website. They can also search for an artist's name and all the works by that artist will appear.

MY WEBSITE

HOME - CONTACT - ABOUT - MOVEMENTS -
Search Artworks... 

Search Results for "a"

1. [Portrait of Marie Antoinette](#)
2. [The Death of Marat](#)
3. [Lictors bringing Back to Brutus the Bodies of His Sons](#)
4. [Napoleon in his Study](#)
5. [Grande Odalisque](#)
6. [The Third of May](#)
7. [The Raft of the Medusa](#)
8. [Massacre at Chios](#)
9. [Liberty Leading the People](#)
10. [A Burial at Ornans](#)

Iteration 4:

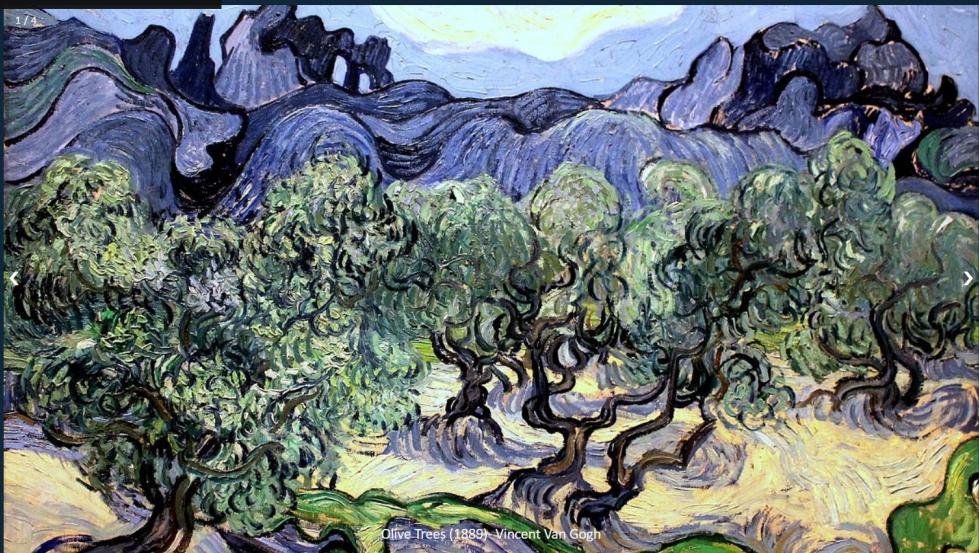
I received some feedback and realised I needed something else on my website because the home page was very boring, so I added a slideshow. The slideshow displays four artworks and the user can manually look through the images by pressing the next and previous buttons.

ART HISTORY

HOME

Search

Airplane mode off



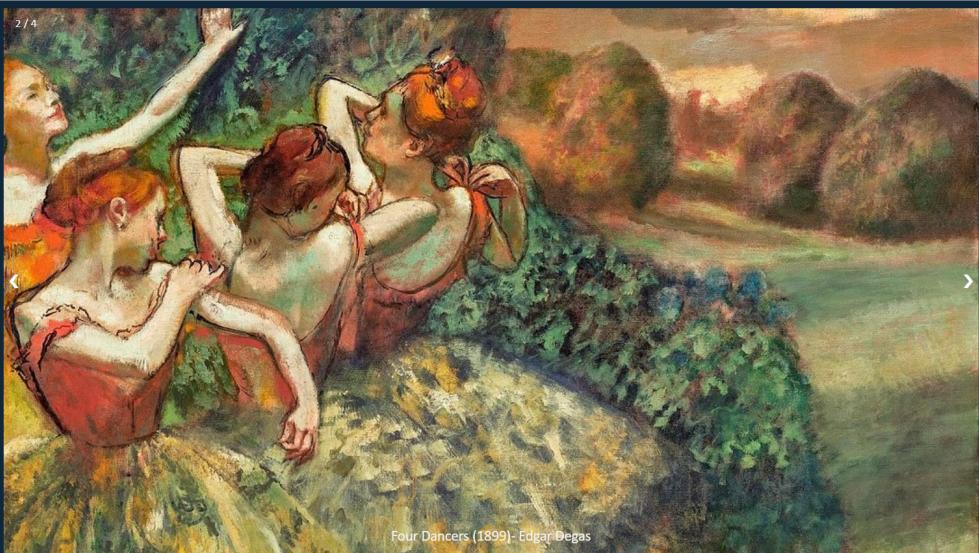
Olive Trees (1889) - Vincent Van Gogh

• • •

ART HISTORY

HOME - CONTACT - ABOUT - MOVEMENTS

Search Artworks...



Four Dancers (1899) - Edgar Degas

• • •

ART HISTORY

[HOME](#) - [CONTACT](#) - [ABOUT](#) - [MOVEMENTS](#)

Search Artworks...



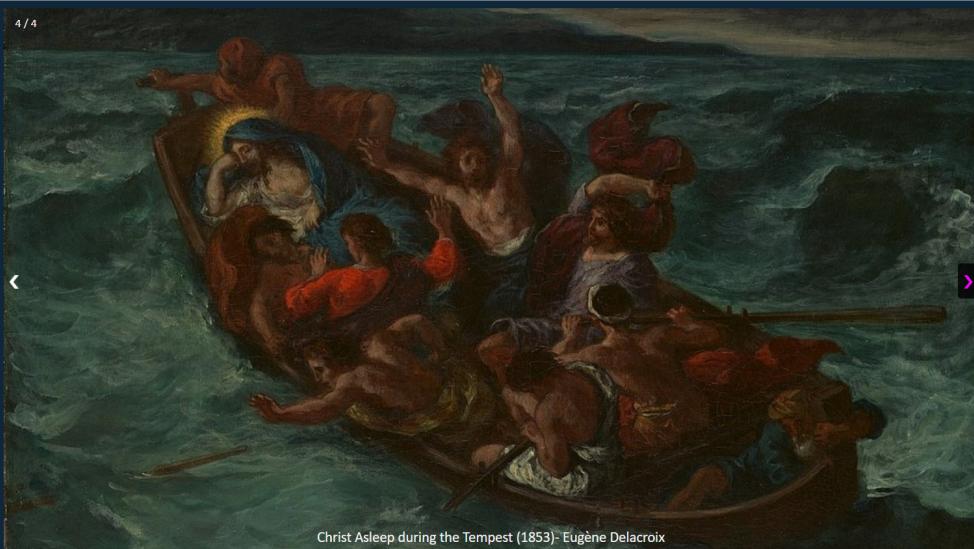
Unknown Renoir painting



ART HISTORY

[HOME](#) - [CONTACT](#) - [ABOUT](#) - [MOVEMENTS](#)

Search Artworks...



Christ Asleep during the Tempest (1853)- Eugène Delacroix



Iteration 5:

I added the Css. For this I made everything be in a grid format, and I also changed the colours.

ART HISTORY

[HOME](#) - [CONTACT](#) - [ABOUT](#) - [MOVEMENTS](#) - [ARTISTS](#)

Movements

Neoclassical

1760-1850



Romanticism

1800-1850



Realism

1840-1915



Impressionism

1867-1886



Post-Impressionism

1886-1905



ART HISTORY

[HOME](#) - [CONTACT](#) - [ABOUT](#) - [MOVEMENTS](#) - [ARTISTS](#)

Neoclassical

1760-1850

Portrait of Marie Antoinette



The Death of Marat



Lictors bringing Back to Brutus the Bodies of His Sons



Iteration 6:

I added a page for all artists and a page for all artworks that each artist did that I have in my database.

ART HISTORY

[HOME](#) - [CONTACT](#) - [ABOUT](#) - [MOVEMENTS](#) - [ARTISTS](#)

Artists

[Jacques-louis David](#)



[Vigee Le brun](#)



[Jean-Auguste-Dominique Ingres](#)



[Francisco Goya](#)

[Théodore Géricault](#)

[Eugène Delacroix](#)

ART HISTORY

[HOME](#) - [CONTACT](#) - [ABOUT](#) - [MOVEMENTS](#) - [ARTISTS](#)

[Jacques-louis David](#)

Neo-classical artist

[The Death of Marat](#)



[Lictors bringing Back to Brutus the Bodies of His Sons](#)



[Napoleon in his Study](#)



Testing:

What I'm testing for	How I'll test it	Results and how I'll fix it	fixed?
Does the link to the home page work?	By clicking on the "home" button	It works	
Does the link to the about page work?	By clicking on the "about" button	It works	
Does the contact page work?	By clicking on the "contact" button	It works	
Do the links to the different movements work	By clicking on all the different movements	It works	
Does clicking on the neoclassical movement display the correct artworks for that movement	By clicking on the neoclassical button	It works	
Does clicking on the romanticism movement display the correct artworks for that movement	By clicking on the romanticism button	It works	
Does clicking on the realism movement display the correct artworks for that movement	By clicking on the realism button	It works	
Does clicking on the impressionist movement display the correct artworks for that movement	By clicking on the impressionism button	It works	
Does clicking on the post-impressionist movement display the correct artworks for that movement	By clicking on the post-impressionism button	It works	
Do all the links to the artworks work	By clicking on the links to the artworks	It works	

Is the title displayed at the top of the page?	By loading the website and looking at where the title is	It works	
Is the header displayed below the title	By looking at where the header is	It works	
Is the footer at the bottom of the page?	By looking at where the footer is	It is	
Do the images for the movements load?	By looking at the images	It works	
After clicking on a movement do all the images for the key works load	By looking at the images	No, only about 90% of the images load. I will fix this by going through and fixing the spelling.	yes
		I found a few typos and fixed them, so now it is working	
If I enter a number for a movement in the url that is too high, will the website break	By writing http://127.0.0.1:5000/movement/100 in the bar	The website breaks and I get a type error. I will fix this by adding a 404 thing.	yes
		I added a 404 page which will appear when the user enters numbers not in the database	
If I enter a number for a work in the url that is too high, will the website break	By writing http://127.0.0.1:5000/work/100	It works and the 404 page is shown	
Can it handle me adding negative numbers	By writing http://127.0.0.1:5000/work/-1	It works and the 404 page is shown	
Can the website handle zero's as the number in the url	By writing http://127.0.0.1:5000/work/0	It works and the 404 page is shown	
Does entering stuff into the search bar break the website?	By entering "sdjfjkja" into the search bar	It does not break and takes you to the home page (which is	

		what I'm making it do right now because I haven't finished with the actual search stuff)	
Is there a limit of characters that can be entered in the search?	By entering 180,000 characters	Error response Error code: 414 Message: Request-URI Too Long. Error code explanation: 414 - URI is too long.	Yes I added <code>maxlength="200"</code> To the search input to stop people from being able to enter more than 200 characters
Does the 404 page work if I put /anything in the url	By writing: “http://127.0.0.1:5000 /ASDFGHJhsgahdfasdhd123425t3q623948!!!!!!@#~1#!” In the search bar.	It works	
Does the search bar break if I add weird characters	By entering “!@#\$%^&*()” in the search bar	It works	
Does the search bar successfully search for an artwork	By entering “night” in the search bar	It works, and the two paintings with night in the title appear.	
Does the search bar still search if capital letters are used	By entering “H”	It works and displays all the works with “H” in them.	

Does the search bar display artworks by the artist if I just search for the Artist's name	By entering "d" to check if every work by david shows up.	It does display all the works by David, however it displayed "The Death of Marat" twice. This is because it displayed all the works with d and also all the works with an artist with a d. I will fix this by adding code to make sure there are no duplicates.	yes
			I added: results = list(set(results))
Does pressing the search button enter all the information I wrote in the search bar?	By writing "the" and then pressing the search button	It works	
Does the 404 page appear when entering an id for an artist that doesn't exist?	By entering http://127.0.0.1:5000/artist/89	It works	
Does the 404 page appear when entering an id for an artwork that doesn't exist?	By entering http://127.0.0.1:5000/work/5982134847589347854738435243842912345678392435788429478294728	It works	
Does the 404 page appear when entering an id for a movement that doesn't exist?	By entering http://127.0.0.1:5000/movement/12347263872947383974	It works	
Does the 404 page work if I enter an id that isn't a number and is instead a bunch of letters?	By entering By entering http://127.0.0.1:5000/movement/abcdefghijklmnopqrstuvwxyz	It works	

If you click the next arrow, does the slideshow display the next work	By clicking the next arrow	It works	
If you click the previous arrow does it display the previous work	By clicking the previous arrow	It works	
Do the little circles at the bottom correctly show which number work is being displayed	By looking at the second image and checking if the second dot is dimmed slightly	It works	
Do the numbers in the top right correctly show which number work is being displayed	By looking at the third work and checking it says $\frac{3}{4}$ in the corner	It works	
Does the description show the proper artwork title	By looking at the description of the Delacroix painting and checking that it says the name	It works	
Do the arrows dim when you hover over them	By hovering the mouse over the arrows	It works	
Does the grid format work for the all movements page	By clicking on "movements"	It works	

Does the grid work for the neoclassical movement work?	By clicking on “neoclassical”	It works	
Does the grid work for the romanticism movement?	By clicking on “romanticism”	It works	
Does the grid work for the realism movement?	By clicking on “realism”	It works	
Does the grid work for the impressionist movement?	By clicking on “Impressionism”	It works	
Does the grid work for the post-impressionist movement?	By clicking on “post-impressionism”	The name of “where do we come from.....”is too long	Yes
			I made it so that when a title of a work is too long it goes onto another line
Does the grid of all the movements successfully condense when used on smaller computers	By changing the size of the browser	It works	

Does the grid of the movement successfully condense when used on smaller computers	By changing the size of the browser	It works	
Does the grid of all the artists successfully condense when used on smaller computers	By changing the size of the browser	It works	
Does the grid of all the artworks by an artist successfully condense when used on smaller computers	By changing the size of the browser	It works	
Does the page of all the artists work?	By clicking on the artists page and looking to see if it's there	It works	
Does the grid for all the artists work?	By clicking on artists	It works	
Does the grid for the artists load?	By clicking on all of the artists	It works	
Have all the images for the artists loaded?	By looking at the page of all the artists and seeing if they are there	It works	

When you click on an artist's name, does the page display the correct artworks painted by that artist?	By checking that the artworks displayed under the artists name are painted by that artist	It works	
When viewing an artwork and the browser is minimised, does the name of the work move onto two lines	By clicking on the longest artwork "where do we come from....." and minimising the browser	It works	
Is the information about each artwork describing the correct artwork	By clicking on every single artwork and reading the information and checking it matches with the image and title.	It works	
Do all the links change colour when the mouse is hovered over them	By hovering the mouse over every link on the home page and seeing if they turn pink	It works	
Is the background blue?	By loading the website	It works	
Is the text very light blue?	By loading the website	It works	

Data integrity testing:

ART HISTORY

HOME - CONTACT - ABOUT - MOVEMENTS

Search Artworks...

Movements

<p>Neoclassical 1760-1850</p> 	<p>Romanticism 1800-1850</p> 	<p>Realism 1840-1915</p> 
<p>Impressionism 1867-1886</p> 	<p>Post-Impressionism 1886-1905</p> 	

When hovering over the neoclassical link in says 127.0.0.1:5000/movement/1

SQLiteStudio (3.4.4) - [Movements (Art)]

Database Structure View Tools Help

Databases

Structure Data Constraints Indexes Triggers DDL

Grid view Form view

Filter data

	id	name	description	image
1	1	Neoclassical	1760-1850	neoclassicism.jpg
2	2	Romanticism	1800-1850	romanticism.jpg
3	3	Realism	1840-1915	realism.jpg
4	4	Impressionism	1867-1886	impressionism.jpg
5	5	Post-Impressionism	1886-1905	postimpressionism.jpg

The neoclassical movement's id is 1

ART HISTORY

HOME - CONTACT - ABOUT - MOVEMENTS
Search Artworks... ▾

Movements

<u>Neoclassical</u> 1760-1850 	<u>Romanticism</u> 1800-1850 	<u>Realism</u> 1840-1915 
<u>Impressionism</u> 1867-1886 	<u>Post-Impressionism</u> 1886-1905 	

When hovering over the Romanticism link it says 127.0.0.1:5000/movement/2

SQLiteStudio (3.4.4) - [Movements (Art)]

Database Structure View Tools Help

Databases  X

Structure Data Constraints Indexes Triggers DDL

Grid view Form view

	id	name	description	image
1	1	Neoclassical	1760-1850	neoclassicism.jpg
2	2	Romanticism	1800-1850	romanticism.jpg
3	3	Realism	1840-1915	realism.jpg
4	4	Impressionism	1867-1886	impressionism.jpg
5	5	Post-Impressionism	1886-1905	postimpressionism.jpg

The Romanticism movement's id is 2

ART HISTORY

HOME - CONTACT - ABOUT - MOVEMENTS
Search Artworks...

Romanticism
1800-1850

[The Third of May](#)



[The Raft of the Medusa](#)



[Massacre at Chios](#)



127.0.0.1:5000/work/7 [Newton](#)

When hovering over *The Raft of the Medusa* link is says 127.0.0.1:5000/work/7

SQLiteStudio (3.4.4) - [Work (Art)]

Database Structure View Tools Help

Databases X

Filter by name

- ▼ Art (SQLite 3)
 - Tables (3)
 - > Art...
 - > Mo...
 - > Wo...
 - Views

Structure Data Constraints Indexes Triggers DDL

Grid view Form view

	aid	mid	rid	name	description
1	1	1	2	Portrait of Marie Antoinette	Portrait of Marie Antoinette
2	2	1	1	The Death of Marat	The Death of Marat
3	3	1	1	Lictors bringing Back to Brutus the Bodies of His Sons	Lictors bringing Back to Brutus the Bodies of His Sons
4	4	1	1	Napoleon in his Study	Napoleon in his Study
5	5	1	3	Grande Odalisque	Grande Odalisque
6	6	2	4	The Third of May	1808
7	7	2	5	The Raft of the Medusa	The Raft of the Medusa
8	8	2	6	Massacre at Chios	1824
9	9	2	6	Liberty Leading the People	1830
10	10	2	7	Newton	1795

The Raft of the Medusa has an aid is 7

ART HISTORY

HOME - CONTACT - ABOUT - MOVEMENTS
Search Artworks...

Romanticism
1800-1850

[**The Third of May**](#)



[**The Raft of the Medusa**](#)



[**Massacre at Chios**](#)



When hovering over *The Third of May* link it says 127.0.0.1:5000/work/6

SQLiteStudio (3.4.4) - [Work (Art)]

Database Structure View Tools Help

Databases Structure Data Constraints Indexes Triggers DDL

Grid view Form view

aid	mid	rid	name	description
1	1	1	2 Portrait of Marie Antoinette	Portrait of Marie Antoinette
2	2	1	1 The Death of Marat	The Death of Marat
3	3	1	1 Lictors bringing Back to Brutus the Bodies of His Sons	Lictors bringing Back to Brutus the Bodies of His Sons
4	4	1	1 Napoleon in his Study	Napoleon in his Study
5	5	1	3 Grande Odalisque	Grande Odalisque
6	6	2	4 The Third of May	1808
7	7	2	5 The Raft of the Medusa	The Raft of the Medusa
8	8	2	6 Massacre at Chios	1824
9	9	2	6 Liberty Leading the People	1830
10	10	2	7 Newton	1795

The Third of May has an aid of 6

ART HISTORY

Press F11 to exit full screen

HOME - CONTACT - ABOUT - MOVEMENTS

Search Artworks...

Search Results for "the"

1. [The Starry Night](#)
2. [The Ballet Class](#)
3. [The Card Players](#)
4. [Lictors bringing Back to Brutus the Bodies of His Sons](#)
5. [The Third-Class Carriage](#)
6. [The Water Lily Pond](#)
7. [The Gleaners](#)
8. [The Third of May](#)
9. [The Angelus](#)
10. [The Raft of the Medusa](#)

127.0.0.1:5000/work/23

When hovering over *The Starry Night* link it says 127.0.0.1:5000/work/23

12	12	3	11	The Gleaners	THE GLEANERS 1865
13	13	3	8	The Third-Class Carriage	1864
14	14	3	10	Ville-d'Avray	1865
15	15	3	11	The Angelus	The Angelus, pain
16	16	4	12	The Water Lily Pond	1899
17	17	4	15	Summer's Day	1879
18	18	4	14	Little Girl in a Blue Armchair	1878
19	19	4	13	The Ballet Class	1874
20	20	4	12	Impression, Sunrise	1872
21	21	5	19	Where Do We Come From?	1897
22	22	5	18	The Card Players	1894-95
23	23	5	17	The Starry Night	1889
24	24	5	17	Café Terrace at Night	1888
25	25	5	16	A Sunday Afternoon	A Sunday Afternoo

The Starry Night has an aid of 23

ART HISTORY

HOME - MOVEMENTS - ARTISTS

Search Artworks...

Artists

[Jacques-louis David](#)



[Vigee Le brun](#)



[Jean-Auguste-Dominique Ingres](#)



[Francisco Goya](#)

127.0.0.1:5000/artist/1

[Théodore Géricault](#)

[Eugène Delacroix](#)

When hovering over *David* it says 127.0.0.1:5000/artist/1

	id	name	description
1	1	Jacques-louis David	Neo-classical artist
2	2	Vigee Le brun	Neo-classical artist
3	3	Jean-Auguste-Dominique Ingres	Neo-classical artist
4	4	Francisco Goya	Romanticism artist
5	5	Théodore Géricault	Romanticism artist
6	6	Eugène Delacroix	Romanticism artist

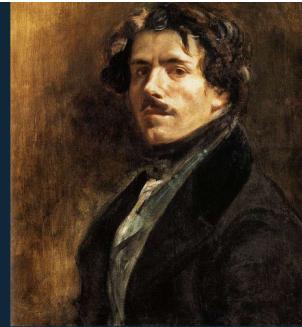
David has an id of 1



William Blake



Honoré Daumier



Gustave Courbet



When hovering over *Courbet* it says 127.0.0.1:5000/artist/9



7	7	William Blake	Romanticism artist
8	8	Honoré Daumier	Realism artist
9	9	Gustave Courbet	Realism artist
10	10	Jean-Baptiste-Camille Corot	Realism artist
11	11	Jean-François Millet	Realism artist
12	12	Claude Monet	Impressionist
13	13	Edgar Degas	Impressionist, altho
14	14	Mary Cassatt	Impressionist
15	15	Berthe Morisot	Impressionist

Courbet has an id of 9

Feedback:

Name	Feedback	What I did
Matthew Wilkins	Not much point to the home page, maybe try adding something interesting to look at that has a purpose?	I decided to add a slideshow to the home page.

	<p>It would be good if the search bar could also search for artists and return all the works of that artist.</p>	<p>I made it so that when you search an artist's name, you can return all of the artworks by that artist.</p>
Merrin Lloyd	<p>Hates the colour of the links when the mouse hovers over them.</p> <p>There is not enough contrast between the colour of the font on the header and it's illegible.</p> <p>The search bar is really ugly, it should be like on the side somewhere not underneath everything. The shape of the search button is also bad, and also the white is really jarring.</p>	<p>I changed the colour from fluorescent pink to white.</p> <p>I made the text lighter.</p> <p>I moved the search bar and also made the search button bigger and added a search icon on the button. I did not change the colour of the search bar because white is a standard search bar colour and I don't want to change it, and I also think its brightness makes it easy to find.</p>
Caitlyn Waddams	<p>Looks cool, except the paintings are all different sizes and with the layout it looks a bit crap.</p>	<p>I understand that, however, there isn't a generic size of painting, and cropping the images would be incredibly insensitive towards the artist. I did however make it so the titles of the artworks don't extend past a certain point and if they're too long move to a second line, which I think helps to make the grid look better and somewhat fixes the issue.</p>
Mr Dunford	<p>Add a page for all the artists in case people can't spell the artists names when using the search.</p>	<p>I did this. I also added a page for all of the artworks belonging to each artist that I have in my database</p>
Alexandra	<p>Get rid of the contact page, it is useless</p> <p>Get rid of the about page</p> <p>Make the pictures be links</p>	<p>I agree it serves no purpose at all so I got rid of it</p> <p>I got rid of it</p> <p>I decided not to do this, as I</p>

	Add pictures to the list of every artist	<p>personally hate it when images are links and find that really annoying to navigate because I always accidentally click on them. I also think having the name as a link is good enough, and also it's underlined and changes colour on hover and clearly looks like a link, so it's pretty clear how to use it and I don't see the point.</p> <p>I did this. All of the images are self portraits.</p>
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Website relevant implications:

Aesthetics:

The aesthetics are the visuals of the website. This is the layout, and colours. The website needs to look good so that people like it. If this implication is not met, people won't like the website and therefore won't use it. It is important to take into consideration the standard parts of every website and ensure that you are using pleasing colours and images so that users gain enjoyment from using your website. Using colours you know people enjoy is very important. I met this implication by using widely liked colours and trying out different things to see what I and other users like the best. I got feedback from different people to find out what they enjoyed and also what needed to be improved on for their enjoyment. I settled on using a dark blue background with a very light blue colour for the text. In a study done by the University of Sussex and paper company G.F Smith, they asked 26,596 people to name their favourite colour and the word which they most associated with it. Dark blue was incredibly popular and it was most associated with the feeling of calmness. I ensured that dark blue was the background for my website, as I wanted the experience of using my website to be enjoyable and calming. Blue is not a harsh colour and it is fairly neutral and widely liked. I also wanted to use a dark background with brighter text. This is because the majority, about 91% to 95% of people using devices, express their preference for dark mode over light mode. As well as the general preference, using devices in dark mode also decreases eye strain, meaning that users will be able to use my website for longer. This decision means that the majority of people using my website will find the colours pleasing and not be disturbed by the colour choices and will have an enjoyable experience. By using the most well liked colours and listening to feedback, I created an aesthetic website for the majority of users.

Accessibility:

The website needs to be accessible for people to use. The website should work on different sized screens, and be accessible for visually impaired users. If the website is not accessible by different people that means that less people will have access to the information of the website. This is done by making the website adjust to different screen sizes and different devices. It is also done by ensuring that there are image descriptions for all of the images so that a visually impaired user would still find your website accessible. I have met this implication through the way that I designed my website. All of my information is laid out in a grid format. To make sure that the website works and looks good on different sized screens the grid is collapsible, meaning that if the device is too small and it can't fit every image in one of the rows, the grid will collapse and more rows will be created, and the website will still function just as well. This is helpful for those with smaller screens, or those that wish to minimise their browser. I also did this with the text on my website. Whenever the screen is minimised the extra text will go onto another line, instead of just disappearing. I also added a description for every single image in the website. This means that visually impaired users will be able to know what each image is and will find the website easier to use.

Database relevant implications:

Sustainability and future proofing:

The outcome needs to be sustainable and last for a long amount of time. It needs to be future proofed, meaning that it can easily be updated. If the website is not future proofed, that would mean it wouldn't be able to be updated meaning it would lose its purpose after some time and would not be a sustainable website. This is done by ensuring that the data in your website is easy to modify and add more over time. I ensured that I met this implication by future proofing my website. I did this through the way that I designed my database. I ensured that the way I designed the database makes it easy to add new information to the tables. The website takes all the data from the database and puts it on the screen, so I can add any amount of data and make changes to the database and the website will not break and still do what I programmed it to do. So if in the future there was another movement I wanted to add that would be incredibly easy and the website would still run fine. Any work that would be added to the database would automatically be added to the website because of the way I designed it. The use of foreign keys means that all of the tables are connected, and by entering in the correct foreign keys the work would be displayed under the correct artist and movement section on the website. I programmed the website to take all the data from the database and display it. The website is displaying the information directly from what is stored in the database and adding new information would not break the website.

Legal:

The outcome needs to not break the law in any way and adhere to copyright laws. All the images and other information needs to be your own, or you must have permission from the person owning the copyright. If you don't adhere to this, you could get fined or sued. If you create something, you own the copyright and get to decide who can use your image. The agreement used to grant photo usage rights legally is called a licence. People with the copyright can grant permission to people wanting to use the images for a licensing fee. Licensing is important because it means that people get proper credit for their work, and it makes stealing people's work illegal. Because getting permission can be complicated and time consuming for both parties involved, the creative commons licence helps with this. It exists to make the permissions straightforward and easy to understand. If someone's work is under the creative commons licence you can easily find what you have permission to use it for. There are different licences and they help to explain in what ways you are allowed to use the image. For example, some creative commons licence allow you to use it for commercial use and others do not. Commercial use would be if you were making profit off of the image. Other creative licences do not let you make changes to the original work. All creative commons licences give credit to the owner, and it is a very simple and effective way of knowing what you are allowed to do with an image. To meet this implication I ensured that every image I used was under the creative commons licence. I am not using these images for commercial use either, it is just personal use, and I also did not change the images in any way. Every single image that I used I had the proper permission and I am legally using the images. On top of this every artist in my website has died meaning that a majority of the artworks are actually copyright free anyway. However people do photograph them and sometimes claim ownership over the photograph, meaning I do still need to have checked the licensing of every image used.