

# **Code Documentation**

## **Modul: Dynamic Internetworking**

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## **1.Distribution of the workload between the group members.**

### **Juljano Aliaj worked on Use Cases**

- Database Extension
- Homepage- Main Area + Pagination(explicit)
- Navigation
- Simple Search + Search Results(AllArtworks.php)
- Single Artwork
- Add Review
- Add Artist/ Artwork to Favorites
- View Favorites Login as a user
- Manage Users
- Functions
- Sessions

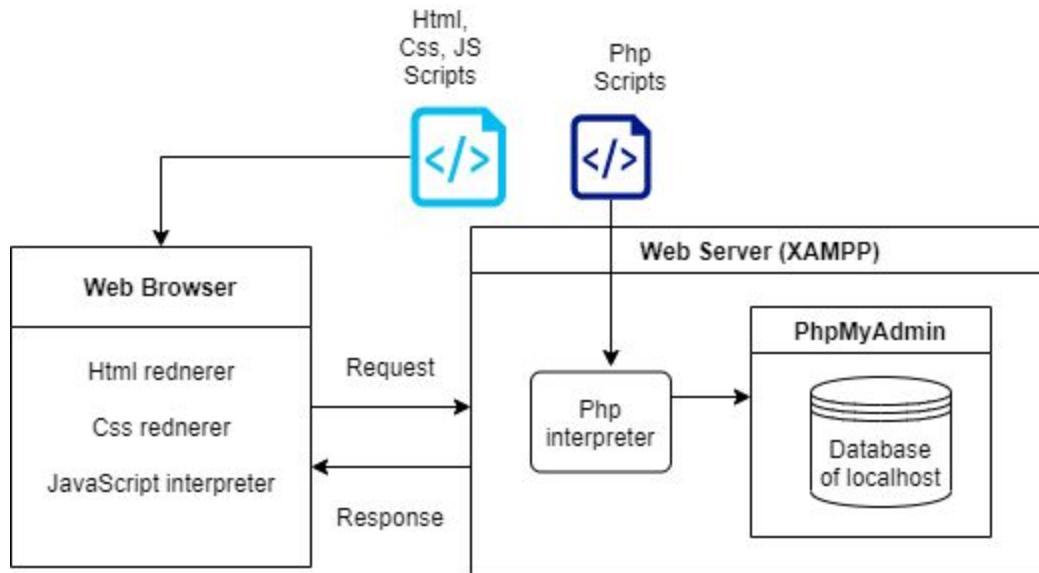
### **Alberto Gjoka worked on Use Cases**

- Single Artist
- Browse Genres
- Single Genre
- Footer
- Register User (with Krisel Mecaj)

### **Krisel Mecaj worked on Use Cases**

- Home Page Side Area
- All Artists
- Browse Subjects
- Single Subject
- Register User together with (Alberto Gjoka)

## 2- Description of the software architecture (technology, components, class structure, etc.).



**Web Browser**- Handles Html, Css and Javascript using the browser's own code

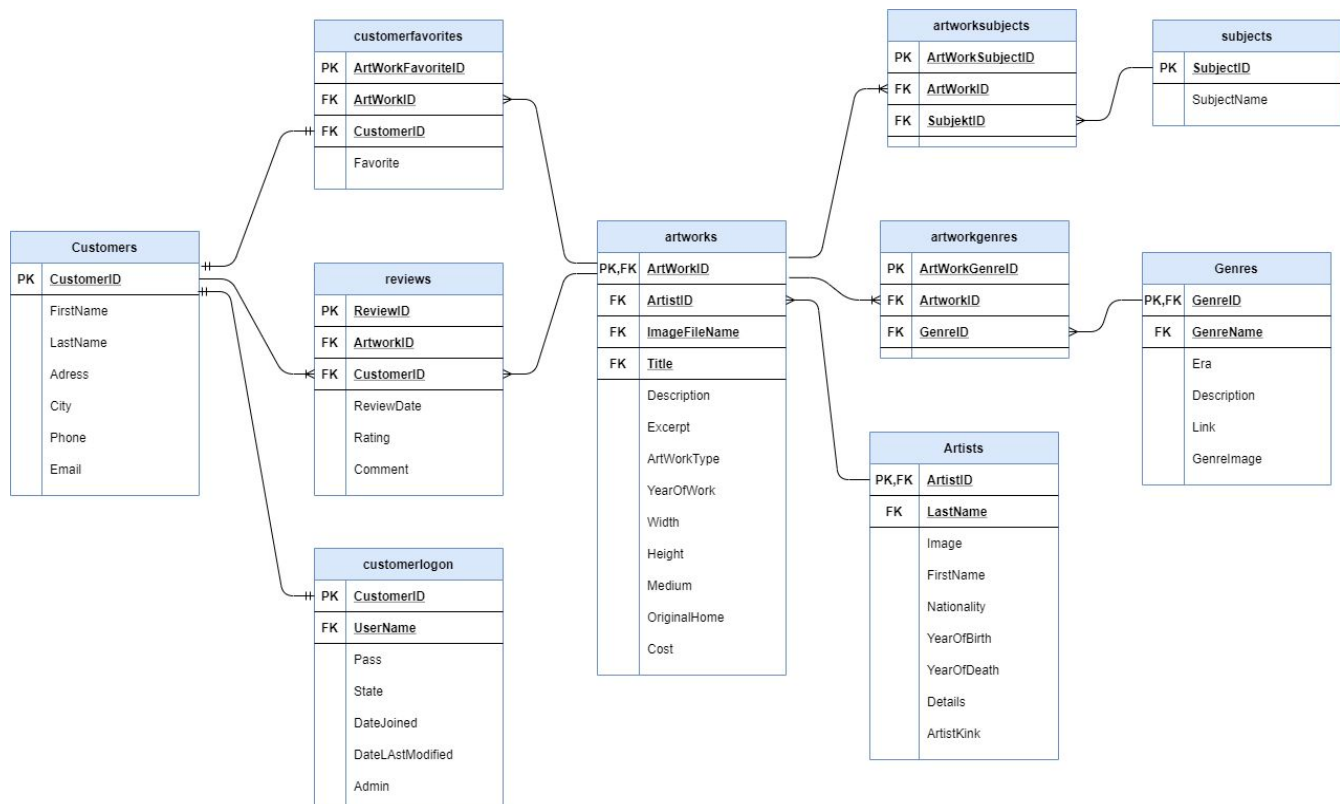
**Web Server (Xampp)** - interacts with Php interpreter by running php scripts and take the response back to server

**PhpMyAdmin** - Open Source Software Tool that manages the data inside the Database

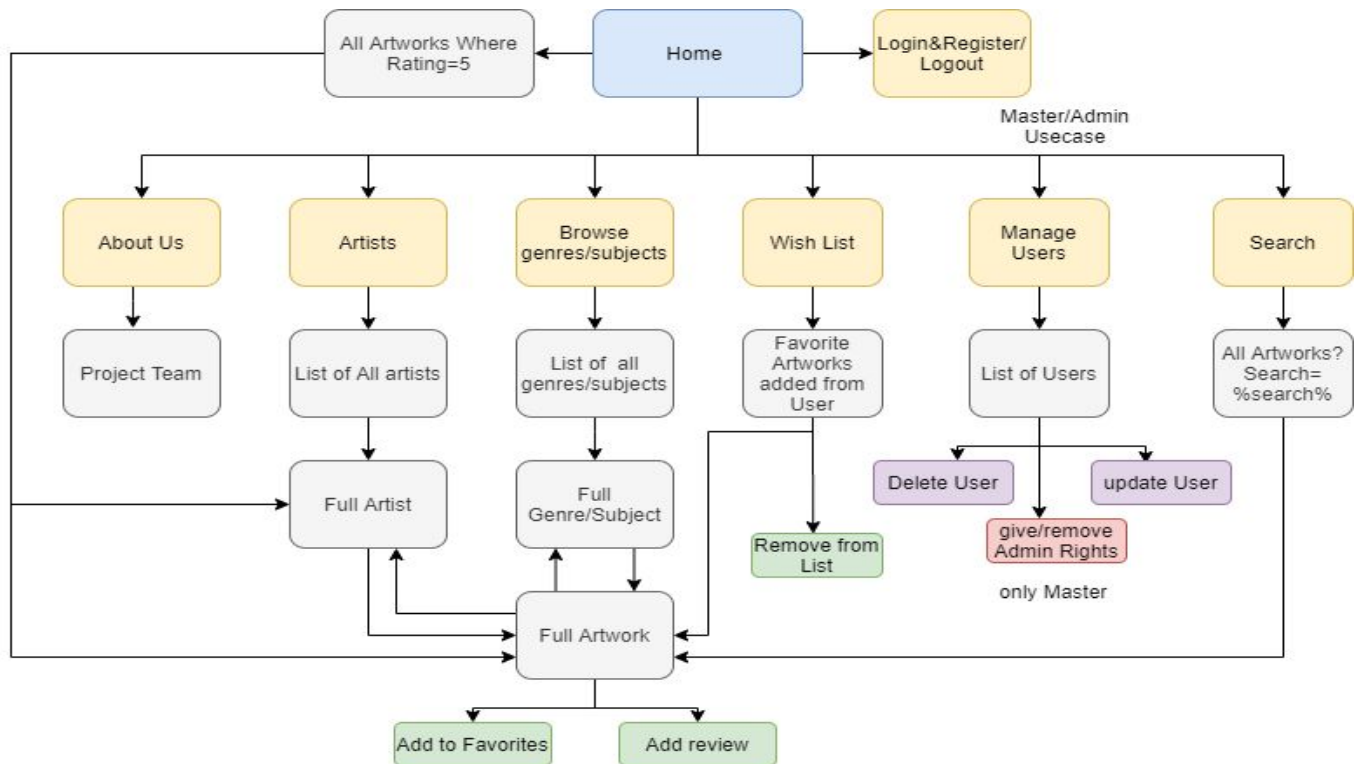
**Request** - Could be for Html, Css, Php or a combination

**Response** - The result of interpreting php

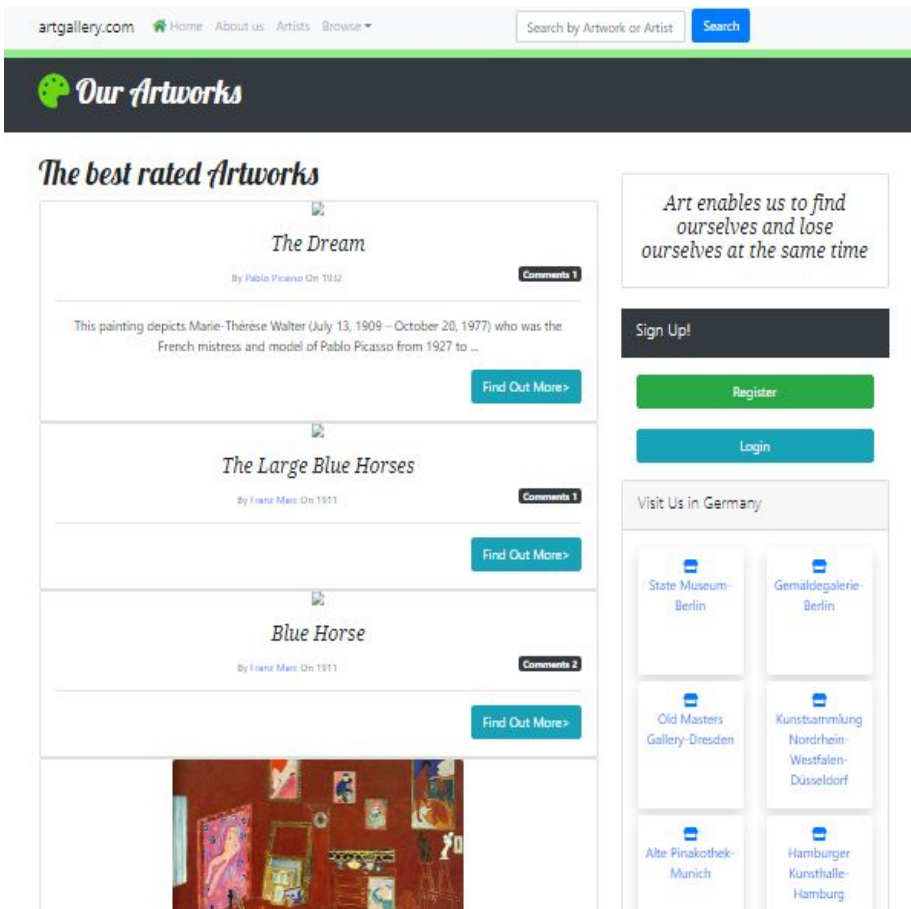
## 3- ER diagram of the final database



## 4- Sitemap



## 5. Screenshot and brief description of each individual page (or dialog) of the application with a short comment.



This is how the Home page looks when a user first enters our Web page. On the upper side is the Navigation bar consisting of a Search bar , Artists , About Us and Browse between Genres and Subjects. On the right side up is the option of registering , sign in/up. Right Side down consists of ‘‘Visit Us’’ with addresses of important Art Galleries in Germany. Inside our Home page a user is greeted with the highest rated Artworks which can also be navigated down.



Red Studio

By Henri Matisse On 1911

Comments 3

"Where I got the color red—to be sure, I just don't know," Matisse once remarked. "I find that all these things . . . only become what they are to me when I see them together with the color red." This painting features a small retrospective of Matisse's recent painting, sculpture, and ceramics, displayed in his studio. The artworks appear in color and in detail, while the room's architecture and furnishings are indicated only by negative gaps in the red surface. The composition's central axis is a grandfather clock without hands—it is as if, in the oasis of the artist's studio, time were suspended.

Comments



František Wichterlová

2013-06-29 03:00:00

Of the grand order of folio leviathans, the Sperm Whale and the Right Whale are by far the most noteworthy. They are the only whales regularly hunted by man. To the Nantucketer, they present the two extremes of all the known varieties of the whale. As the external difference between them is mainly observable in their heads; and as a head of each is this moment hanging from the Pequod's side; and as we may freely go from one to the other, by merely stepping across the deck;—where, I should like to know, will you obtain a better chance to study practical cetology than here?

In the first place, you are struck by the general contrast between these heads. Both are massive enough in all conscience; but there is a certain mathematical symmetry in the Sperm Whale's which the Right Whale's sadly lacks. There is more character in the Sperm Whale's head. As you behold it, you involuntarily yield the immense superiority to him, in point of pervading dignity. In the present instance, too, this dignity is heightened by the pepper and salt colour of his head at the summit, giving token of advanced age and large experience. In short, he is what the fishermen technically call a "grey-headed whale."

Let us now note what is least dissimilar in these heads—namely, the two most important organs, the eye and the ear. Far back on the side of the head, and low down, near the angle of either whale's jaw, if you narrowly search, you will at last see a lashless eye, which you would fancy to be a young colt's eye; so out of all proportion is it to the magnitude of the head.

Artwork Details







Cost	153.00000\$
Year Of Work	1911
Medium	Oil on canvas
Dimensions	181cm x219cm
Home	The Museum of Modern Art, New York
Subject	Architecture
Genre	Fauvism

Add to Favorites

When a user clicks on an Artwork , he is greeted with the main frame of the piece of Art , a small description/history of the said artwork and detailed information on the right. Under it the user can view comments/reviews of other users and can also add a review of his own.

Genre Name	Era	Image
Cubism	5	
Romanticism	4	
Realism	4	
Impressionism	4	
Post-Impressionism	5	
Art Nouveau	5	
Fauvism	5	
Futurism	5	
Dada	5	
Surrealism	5	

This page consists of Genres , a list of the most prominent Art types or categories. On one hand it means the type or category of the painting and on the other hand it denotes the content or topic of a particular picture.

Name	Nationality	Lived during	Image	Details
<a href="#">Picasso Pablo</a>	Spain	1881-1973		Pablo Diego José Francisco de Paula Juan Nepomuceno María de los Remedios Cipriano de la Santísima Trinidad Ruiz y Picasso known as Pablo Ruiz Pica...
<a href="#">Matisse Henri</a>	France	1869-1954		Henri Matisse was a French artist, known for his use of colour and his fluid and original draughtsmanship. He was a draughtsman, printmaker, and sculp...
<a href="#">Braque Georges</a>	France	1882-1963		Georges Braque was a major 20th century French painter and sculptor who, along with Pablo Picasso, developed the art style known as Cubism.
<a href="#">David Jacques-Louis</a>	France	1748-1825		Jacques-Louis David was a French painter in the Neoclassical style, considered to be the preeminent painter of the era. In the 1780s his cerebral bran...
<a href="#">Ingres Jean-Auguste-Dominique</a>	France	1780-1867		Jean-Auguste-Dominique Ingres was a French Neoclassical painter. Although he considered himself to be a painter of history in the tradition of Nicolas...
<a href="#">Delacroix Eugene</a>	France	1798-1863		Eugène Delacroix was a French Romantic artist regarded from the outset of his

This page consists of Artists showing basic knowledge of their life , place and date of birth and also link to their Wikipedia page.

Subject
<a href="#">Animals</a>
<a href="#">Scenic</a>
<a href="#">Music</a>
<a href="#">Sports</a>
<a href="#">Abstract</a>
<a href="#">Transportation</a>
<a href="#">Architecture</a>
<a href="#">Religion</a>
<a href="#">Still Life</a>
<a href="#">People</a>
<a href="#">Botanical</a>
<a href="#">Cuisine</a>
<a href="#">History</a>
<a href="#">Love</a>
<a href="#">Family</a>

This page consists of subjects which refers to the main idea that is represented in an artwork.

## Henri Matisse



Henri Matisse was a French artist, known for his use of colour and his fluid and original draughtsmanship. He was a draughtsman, printmaker, and sculptor, but is known primarily as a painter. Matisse is commonly regarded, along with Picasso and Marcel Duchamp, as one of the three artists who helped to define the revolutionary developments in the plastic arts in the opening decades of the 20th century, responsible for significant developments in painting and sculpture. Although he was initially labelled a Fauve (wild beast), by the 1920s he was increasingly hailed as an upholder of the classical tradition in French painting. His mastery of the expressive language of colour and drawing, displayed in a body of work spanning over a half-century, won him recognition as a leading figure in modern art.

### Artist Details

**Lived during** 1869-1954

**Nationality** France

**More info** <http://en.wikipedia.org/wiki/Matisse>

[Add to Favorites](#)

### Artworks From Matisse Henri



Andre Derain

[Woman With Hat](#)



Joy of Life

[Portrait of Madame Matisse](#)



Red Studio



The Red Madras Headress



Odalisque with Red Culottes



Dance (II)

This page consists of single Artists which gives detailed information over the life of the Artist, important details of him/her and his/her pieces of Art.

Favorites

Artworks

Napoleon Crossing the Alps

[Remove from List](#)

Artists

Pablo Picasso

[Remove from List](#)

This page consists of Favorites which are added by the user through the Add to Favorites and are stored in this manner.



# Register

Alreday have an account ? [Login Here](#).

## Fill your Credentials

**First Name**  
Type Your First Name here

**Last Name**  
Type Your Last Name here

**Email**  
Type Your Email here

**Address**  
Type Your Address here

**City**  
Type Your City here

**Phone Number**  
Type Your Phone Number here

**Username**  
Type Username here

**Password**  
Type password here

**Confirm Password**  
Confirm password here

Register

Here we have the Register page for new users to register on our web page.

Alreday have an account ? [Login Here](#).

All fields must be filled out

## Fill your Credentials

**First Name**  
Type Your First Name here

**Last Name**  
Type Your Last Name here

When the intended user wants to register but mistakenly did not fill all the fields , this pops up.

artgallery.com

Incorrect Username or Password

## Welcome Back!

**Username:**  
[User Icon] Type your username here

**Password:**  
[Key Icon] Type your password here

Login

Dont Have an Account? [Register Here](#).

Same with logging in with invalid username and password.



<div> <div>artgallery.com</div> <div> <a href="#">Home</a> <a href="#">About us</a> <a href="#">Artists</a> <a href="#">Browse</a> <a href="#">Wish List</a> <a href="#">Manage Users</a> </div> <div> <input type="text"/> <input type="button" value="Search"/> </div> <div> <a href="#">Logout</a> </div> </div>									
<div> <div></div> <div>Manage Users</div> </div>									
Administrators									
Customer ID	Username	First Name	Last Name	Address	City	Phone	Email		
2	leonekohler@surfeu.de	Leonie	Kohler	Theodor-Heuss-Straße 34	Stuttgart	+49 0711 2842222	leonekohler@surfeu.de	<input type="button" value="Delete User"/>	<input type="button" value="Update Admin"/>
3	ftremblay@gmail.com	Björn	Hansen	Ullevålsveien 14	Oslo	+47 22 44 22 22	bjorn.hansen@yahoo.no	<input type="button" value="Delete User"/>	<input type="button" value="Update Admin"/>
4	bjorn.hansen@yahoo.no	François	Tremblay	1488 rue Bélanger	Montréal	+1 (514) 721-4711	ftremblay@gmail.com	<input type="button" value="Delete User"/>	<input type="button" value="Update Admin"/>
5	frantisek@jetbrains.com	František	Wichterlová	Klanova 9/506	Prague	+420 2 4172 5555	frantisek@jetbrains.com	<input type="button" value="Delete User"/>	<input type="button" value="Update Admin"/>
6	hholy@gmail.com	Astrid	Gruber	Rotenturmstraße 4, 1010 Innere Stadt	Vienna	+43 01 5134505	astrid.gruber@apple.at	<input type="button" value="Delete User"/>	<input type="button" value="Update Admin"/>

Customers

This is the page of user/admins management from the Masters perspective. To note is that the master can give and take rights away from admin and users. This can be done through the buttons Give/Remove Rights. A model of hierarchy works here which is something like this : Master-Admin-User. Master holds the top.

artgallery.com

[Home](#)
[About us](#)
[Artists](#)
[Browse](#)
[Wish List](#)
[Manage Users](#)

[Logout](#)

Update

Update User Information

First Name

Helena e trojes

Last Name

Holy

Email

hholy@gmail.com

Address

Rilská 3174/6

City

Prague

Phone Number

+420 2 4177 0449

Username

astrid.gruber@apple.at

Update

When needed the Admin/Master has to update the information of a user and this is done through this page which first gives the current information and after the information is changed through the “Update” button , gives the updated one.

## 6.Processing status for all use cases.

Use Cases	Evaluation from Group	Use Cases	Evaluation from Group
<b>01 - Bootstrap Theme and Site Design</b>	<b>80% Accomplished</b>	<b>11 - View Favorites</b>	<b>100% Accomplished</b>
<b>02 - Home Page</b>	<b>70% Accomplished</b>	<b>12 - Browse Genres</b>	<b>100% Accomplished</b>
<b>03 - Navigation</b>	<b>90% Accomplished</b>	<b>13 - Browse Subjects</b>	<b>100% Accomplished</b>
<b>04 - About Us</b>	<b>100% Accomplished</b>	<b>14 - Single Genre</b>	<b>100% Accomplished</b>
<b>05 - Simple Search</b>	<b>100% Accomplished</b>	<b>15 - Single Subject</b>	<b>100% Accomplished</b>
<b>06 - Search Results</b>	<b>70% Accomplished</b>	<b>16 - Register User</b>	<b>90% Accomplished</b>
<b>07 - Display Single Artist</b>	<b>100% Accomplished</b>	<b>17 - Manage Users</b>	<b>95% Accomplished</b>
<b>08 - Display Single Artwork</b>	<b>90% Accomplished</b>	<b>18 - Login as user</b>	<b>100% Accomplished</b>
<b>09 - Add A Review</b>	<b>70% Accomplished</b>	<b>19 - Advanced Search</b>	<b>-</b>
<b>10 - Add To Favorites</b>	<b>90% Accomplished</b>	<b>20 - My Account</b>	<b>-</b>

## 7.Experience gained, problems encountered.

<b>Experience gained</b>	Ability to work with HTML/CSS/PHP.
	Ability to use communication/time management as a group.
	Ability to work with Content Management Systems .
	Ability to create a friendly user experience on a web page.
<b>Problems encountered</b>	Inability to understand written code within group members.
	The image titles provided in the database did not have formats given to them, we had to concatenate them.
	Bugs encountered with Javascript.

