



Dokumentacija za sajt iz Praktikuma iz Web programiranja PHP

Stojanović Marko

44/19

Sadržaj

- Slike stranica i opis šta je na istim
urađeno
- Dizajn baze podataka
- Slike strukture projekta
- Kodovi

- Slike stranica i opis šta je na istim
urađeno

o index.php



Vinport staff members often visit car museums

Our enthusiastic story

Vinport is a non-profit-making organization that bases its activity on a specialized site intended as a free database to help all kinds of visitors to quickly and easily find all the information they are interested in. The word Vinport is a portmanteau coined from the words vintage and report. The non-profit making organization Vinport was founded in May 2001 and soon officially registered as a non-profit making organization. Vinport's staff members are enthusiasts who work hard on their reports in their free time to make them relevant and accessible to everyone in one place. For this purpose they visit car museums and collections, many of whom are privately run and run by volunteers. They also have access to photographs and illustrations with respect to the detailed content of everything we publish by the diligent staff of our non-profit making organization. Over time, Vinport's website has become one of the most reliable sources of information on vintage cars on the Internet.

Mission and vision

Our mission is to function as an online database of classic cars whose data will be available to everyone completely free of charge. We want to bring these cars closer to people so that they understand them as silent witnesses of long gone times. Although they have long been outdated and forgotten for function, they still hold a special place in our hearts. This is because the function of a link to the past and this function makes them more important than they have ever been. The non-profit making organization Vinport believes in keeping or leaving a record of all kinds of antique and vintage cars as a kind of historical link to the past and the fact that one of them is a piece of history for itself and that by preserving them we preserve the memory of the past times. We see ourselves as the most visited site on the topic of vintage cars on the Internet as well as the first choice of all those who are interested in information about them either out of curiosity or more practical reasons.



Our mission is to function as an online database



1960s Fiat 500 D

As time goes by...

The non-profit making organization Vinport believes that a period of 30 years is enough for a car to be considered a classic, and therefore in our reports we always focus on cars produced between 1910 and 1940. Not every car mentioned before 1910 however we take that year as the beginning of the golden age of the automobile industry, which was still in its infancy until then. Vinport's reports include vintage cars from various countries such as France, Germany, Italy, the United States and so forth, from various countries such as Italy, the United Kingdom, the United States and so forth. In the reports, we analyze a specific model in all its variants and do not analyze each version separately because there can be very few differences between them. At the end of each report in the reports of our non-profit making organization, we summarize information related to each individual variant of the car, whether it is a coupe, sedan, estate wagon or convertible.

Be part of our community

The non-profit making organization Vinport has no headquarters, but its database is available to anyone in the world. We are based around the world who tirelessly search for data related to vintage cars, summarizing them in the valuable information from which our reports are made. You can also be part of a huge community that extends around the world. All you need to do is to register on our website and get involved in the creation of our reports and share your opinion or experience with the rest of the community and our staff. And that's not all, by joining you will be able to help our noble mission much more tangible by being able to send pictures of vintage cars of which you are the owner or have the right to use them. Contact us through our staff. It would be highly desirable, though not mandatory, to send the name of the car, its epoch and name of manufacturer since this description helps to help our staff identify the car more easily. But if you don't know that, don't despair, we can identify the car even without this information anyway in order to make a reliable product in the form of a report.



Our community extends around the world

Contact form

First name	Last name
<input type="text"/>	<input type="text"/>
Email address	Subject
<input type="text"/>	<input type="text"/>
Choose subject matter	
<input type="text"/>	
Message	
<input type="text"/>	
Send your message!	

Dinamički meni, dinamički slajder, dinamički linkovi u footer-u, responsive design, klijentska i serverska provera podataka iz kontakt forme, slanje podataka iz kontakt forme i upisivanje istih u bazu. Različit prikaz dinamičkog menija u zavisnosti da li je korisnik ima status neautorizovanog, autorizovanog korisnika ili administratora. Mogućnost preuzimanja dokumentacije u pdf format klikom na link u footer-u i dodatno tooltip-om naglašeno šta se dešava ukoliko korisnik klikne na link za preuzimanje dokumentacije. Bootstrap u verziji 4.6 je korišćen za organizaciju. Dropdown lista u kontakt formi je dinamička.

o reports.php

Home Reports Author Sign in Sign up



Vinport
A specialized site for vintage car reports

Sizes ▾

- Small
- Midsize
- Large

Manufacturers ▾

- Buick
- Chevrolet
- Cadillac
- Chrysler
- Lancia
- Fiat
- Austin-Healey
- Jeep
- Volkswagen

Countries ▾

- USA
- UK
- Italy
- Germany

Epochs ▾

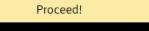
- 1940s
- 1950s
- 1960s
- 1970s
- 1980s

Sorting by...

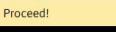
Choose...

Search by name

	1980s Buick Skyhawk
Name:	Skyhawk
Manufacturer:	Buick
Country:	USA
Size:	Small
Epoch:	1980s
	

	1960s Austin-Healey Sprite
Name:	Sprite
Manufacturer:	Austin-Healey
Country:	UK
Size:	Small
Epoch:	1960s
	

	1970s Fiat 124
Name:	124
Manufacturer:	Fiat
Country:	Italy
Size:	Small
Epoch:	1970s
	

	1960s Fiat 500
Name:	500
Manufacturer:	Fiat
Country:	Italy
Size:	Small
Epoch:	1960s
	

1 2 3 4 5



Od funkcionalnosti koje nisu do sada opisane su dinamički prikaz izveštaja iz baze podataka, popunjavanje kartica i modala pojedinačnih izveštaja informacijama iz baze podataka, serversko sortiranje, filtriranje i paginacija, funkcionalnost komentarisanja pojedinačnih izveštaja kao i pregled svih do tada postavljenih komentara. Neautorizovanim korisnicima nije dozvoljeno postavljanje komentara. Klikom na dugme predviđeno za download izveštaja u formi excel fajla sa ekstenzijom csv preuzeće se fajl reports.csv u koji su uključeni fiksno zaglavje i kolone od interesa za korisnika od tabela spojenih upitom.

o author.php

Q

Home Register Author Sign in Sign up



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First name:	Marko
Last name:	Stojanović
Date of birth:	2001-02-11
Place of birth:	Požarevac
Country of birth:	Federal Republic of Yugoslavia
Place of residence:	Belgrade
Country of residence:	Republic of Serbia
Education:	Economic-Trade School Požarevac
	ICT College
Occupation:	Student
	Programming in C programming language
	Programming in C# programming language
	Database architecture in SQL domain-specific language
	Server administration on Windows Server 2012 R2
	Server administration on Ubuntu 16.04
Professional skills:	Administration of network devices
	Working in Microsoft Office 2016 productivity suite
	Working in Microsoft SQL Server Management Studio 18
	Programming in JavaScript script language
	Programming in PHP programming language
	Knowledge of TCP/IP architecture
Favourite singer:	Frank Sinatra
Favourite actor:	Al Pacino
Favourite movie:	The Godfather
Favourite TV show:	The Tonight Show Starring Johnny Carson
Favourite book:	The Godfather



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[Facebook](#) [Twitter](#) [Instagram](#) [Email](#)

Od nenavedenih funkcionalnosti ova stranica sadrži dinamičku tabelu o informacijama o autoru. Isprogramiran je efekat zebre na tabeli.

o signUp.php



Signing up form

First name Last name

Email address Username

Password Confirm password

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Od do sada nenavedenih funkcionalnosti ova stranica sadrži funkcionalnosti klijentske i serverske

validacije podataka koje korisnik unosi kako bi se registrovao. Pored provere regularnim izrazima, ni na nivou baze, ni na nivou servera nije dozvoljeno registrovati se sa korisničkim imenom ili email adresom koje već postoji u bazi. Korisniku koji se na ovaj način registruje se automatski dodeljuje status člana zajednice (autorizovanog korisnika).

- signIn.php



[Home](#) [Reports](#) [Author](#) [Sign in](#) [Sign up](#)



[Signing in form](#)

Username

Password

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Od prethodno nenavedenih funkcionalnosti ova stranica sadrži klijentsku i serversku proveru postojanja korisnika sa unetim korisničkim imenom,

kao i provera da li je korektna lozinka uneta za postojeće korisničko ime i ukoliko nije korisnik će imati još dva pokušaja da se uloguje sa tim korisničkim imenom u toku 5 minuta i ukoliko oba budu pogrešna zaključaće mu se nalog (onemogućiće mu se prijavljivanje). Ukoliko su svi podaci korektni stvara korisnik je uspešno prijavljen. Pored toga, ukoliko korisnik poseduje administratorske privilegije i ukoliko ima inicialnu lozinku *initialPassword2000* koja je predviđena da se dodeljuje administratoru po kreiranju naloga koju on potom menja i kada se bude prvi put prijavio sa tom lozinkom na svoj nalog pored standardne poruke da se uspešno prijavio, pojaviće mu se i prompt u koji treba da unese svoju novu lozinku i nakon potvrde se vrši update njegove lozinke u bazi.

- contribute.php



[Home](#) [Reports](#) [Author](#) [Sign out](#) [Dashboard](#) [Contribute](#)



Contribution form

Car name

Car manufacturer

Car epoch

Car image

Contribute!

Pored prethodno navednih funkcionalnosti ova stranica pruža mogućnost submit-ovanja slike automobila za koje još nije napravljen izveštaj autorizovanim korisnicima koji jedini njoj i imaju prisut kao doprinos osoblju koje pravi izveštaje (administratorima). Ovo polje je i jedino obavezno u formi ostala su opcionala i polazi se od toga da korisnik možda ne zna ništa od podataka o starinskom automobilu čiju sliku želi da submit-uje ali je zato polje za unos slike validirano i sa klijentske i sa serverske strane. Nakon potvrde ispravno unetih podataka podaci se upisuju u bazu.

- dashboard.php



[Home](#) [Reports](#) [Author](#) [Sign out](#) [Dashboard](#) [Contribute](#)



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Ova stranica služi kao skretnica prema specijalizovanim stranicama čiji je pristup omogućen (kao i samoj stranici `dashboard.php`) samo

korisnicima sa administratorskim privilegijama. Za svaki link na ovoj stranici isprogramiran je tooltip sa detaljnijim informacijama o tome šta se dešava ukoliko se klikne na određeni link.

○ crudReports.php

 Home Reports Author Sign out Dashboard Contribute



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Sizes ▾

- Small
- Midsize
- Large

Manufacturers ▾

- Buick
- Chevrolet
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- Fiat
- Austin-Healey
- Jeep
- Volkswagen

Countries ▾

- USA
- UK
- Italy
- Germany

Epochs ▾

- 1940s
- 1950s
- 1960s
- 1970s
- 1980s

Sorting by...

Choose... ▾

Search by name



	1980s Buick Skyhawk
Name:	Skyhawk
Manufacturer:	Buick
Country:	USA
Size:	Small
Epoch:	1980s
Proceed to update! Proceed to delete!	
	1960s Austin-Healey Sprite
Name:	Sprite
Manufacturer:	Austin-Healey
Country:	UK
Size:	Small
Epoch:	1960s
Proceed to update! Proceed to delete!	
	1970s Fiat 124
Name:	124
Manufacturer:	Fiat
Country:	Italy
Size:	Small
Epoch:	1970s
Proceed to update! Proceed to delete!	
	1960s Fiat 500
Name:	500
Manufacturer:	Fiat
Country:	Italy
Size:	Small
Epoch:	1960s
Proceed to update! Proceed to delete!	

[1](#) [2](#) [3](#) [4](#) [5](#)

[Add a report!](#)

Pored navedenih funkcionalnosti, ova stranica sadrži i funkcionalnosti izmene, brisanja i dodavanja novog izveštaja. Sve ove funkcionalnosti realizuju se na za to predviđenim modalima i dok se funkcionalnost za brisanje komentara neprikladnog sadržaja realizuje kroz funkcionalnost izmene samog izveštaja kao opcionalna. Moguće je odjednom izbrisati više komentara neprikladnog sadržaja ukoliko se oni dodaju u red za brisanje (klik na određeno dugme promeniće mu pozadinsku boju u crvenu što znači da je komentar u redu za brisanje). S obzirom na to da od samo jednog klika zavisi brisanje celog izveštaja korisniku će confirm prozorom biti omogućeno da potvrди ili odbaci svoju odluku. Brisanjem jednog izveštaja brišu se i svi komentari vezani za isti.

- crudUsers.php



[Home](#) [Reports](#) [Author](#) [Sign out](#) [Dashboard](#) [Contribute](#)



Vinport
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Username

Change

Delete

Seaman26	<input type="checkbox"/>	<input type="checkbox"/>
johnnyCarson25	<input type="checkbox"/>	<input type="checkbox"/>
annieHall77	<input type="checkbox"/>	<input type="checkbox"/>
Eddie1923	<input type="checkbox"/>	<input type="checkbox"/>
joanEmbery49	<input type="checkbox"/>	<input type="checkbox"/>
frankiE15	<input type="checkbox"/>	<input type="checkbox"/>
clintiE30	<input type="checkbox"/>	<input type="checkbox"/>
Proceed to add an user!		<input type="button" value="Delete users"/>

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Pored navedenih funkcionalnosti ova stranica sadrži i mogućnost brisanja jednog ili više korisnika po modelu brisanja komentara – dodavanjem u red za

brisanje. Pored toga, postoji funkcionalnost dodavanja novog korisnika i biranja uloge koju isti ima kao i izmene podataka o postojećem korisniku. Prikaz je dinamički iz baze podataka sa korisničkim imenima kao jedinstvenim parametrima najpogodnijim za identifikovanje korisnika ispisanih u tabeli u formi zebre sa dugmićima za pokretanje modala za izmenu i dodavanje u red za brisanje pojedinačnog korisnika.

○ statistics.php



Site access per page in the last 24 hours:

Visits to index:

Relative: 18%
Absolute: 221

Visits to reports:

Relative: 19%
Absolute: 228

Visits to author:

Relative: 4%
Absolute: 53

Visits to dashboard:

Relative: 9%
Absolute: 113

Visits to sign in:

Relative: 11%
Absolute: 134

Visits to sign up:

Relative: 0%
Absolute: 6

Visits to 404:

Relative: 0%
Absolute: 1

Visits to crud reports:

Relative: 35%
Absolute: 424

Visits to crud users:

Relative: 0%
Absolute: 0

Visits to contribute:

Relative: 0%
Absolute: 7

Visits to statistics:

Relative: 0%
Absolute: 11

Number of users signed in on the current day:

2

Od nenavedenih funkcionalnosti, na ovoj stranici je prikazana statistika koja prikazuje sveže podatke poseti svakoj pojedinačnoj stranici u poslednja 24 sata u absolutnom i relativnom broju grafički prikazanih, kao i broj korisnika prijavljenih tekućeg dana. Svi ovi podaci se dobijaju iz dva log fajla: accessLog.txt i signingInLog.txt.

○ 404.php



[Home](#) [Reports](#) [Author](#) [Sign in](#) [Sign up](#)

Vinport

A specialized site for vintage car reports

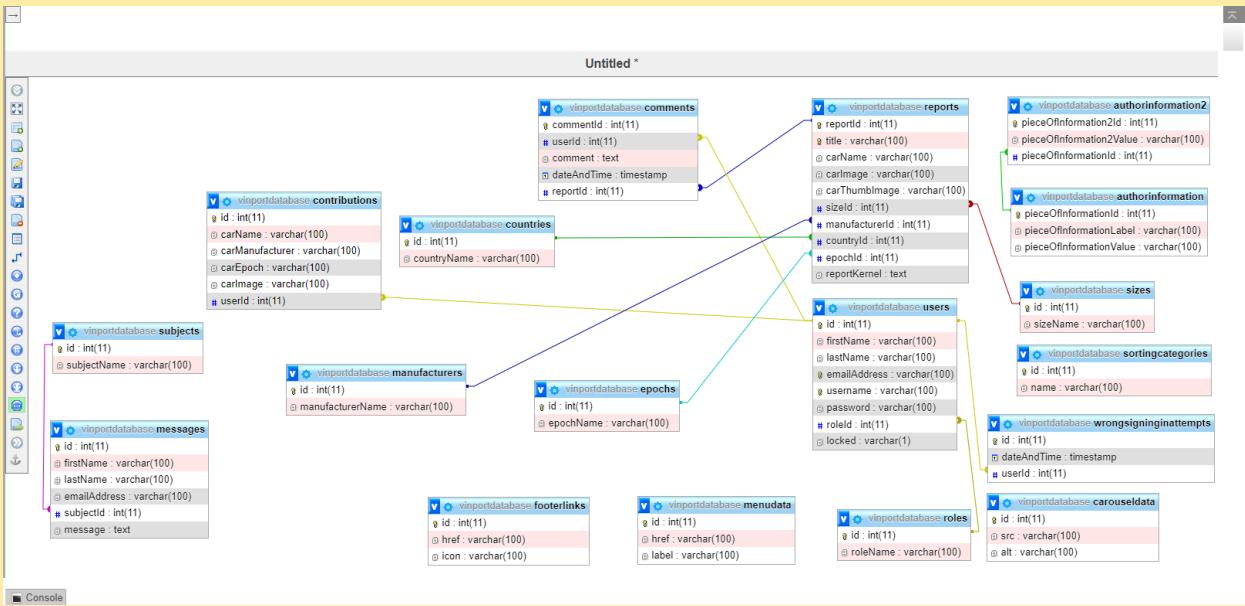
You do not have access to this page

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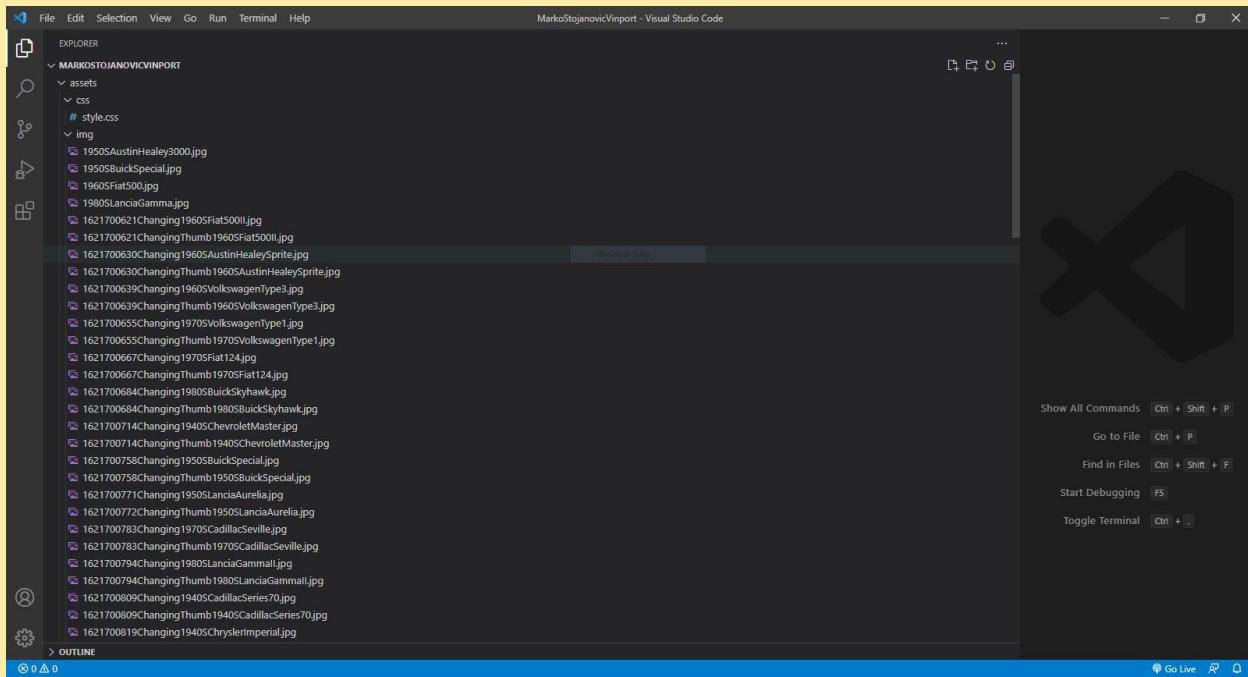


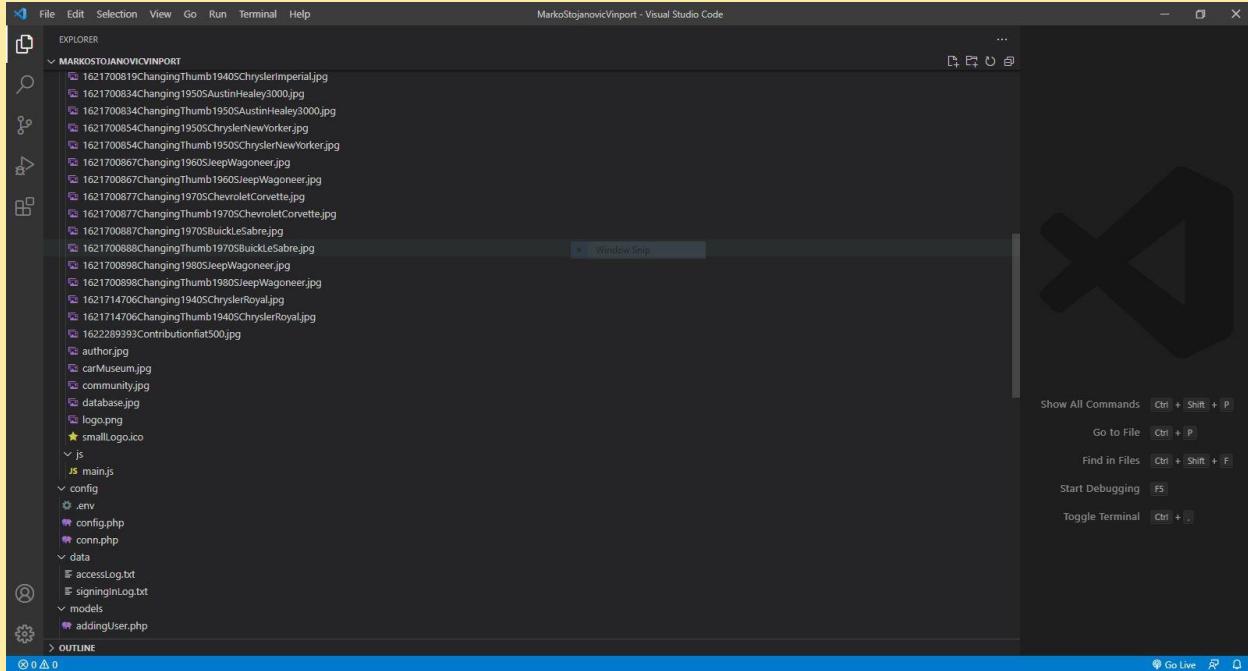
Od nenavedenih funkcionalnosti ova stranica ne sadrži ništa. Njena funkcija je da pruži korisniku informaciju da nema pravo prisupa stranici kojoj je pokušao da pristupi.

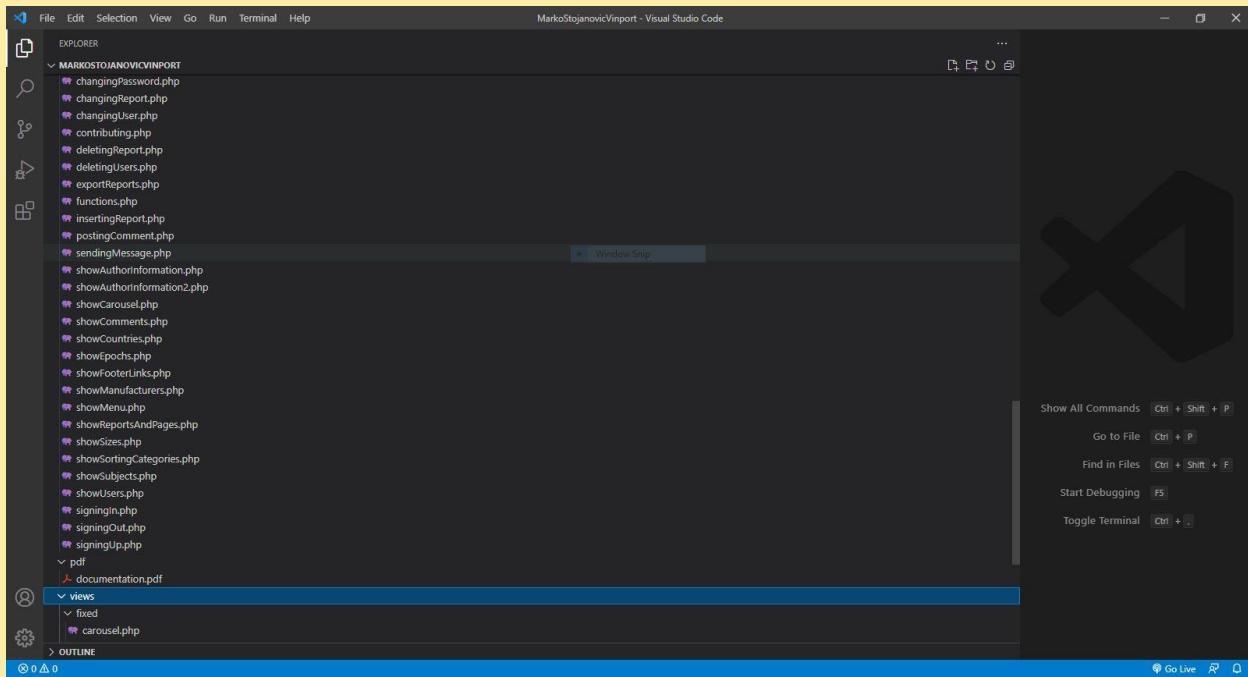
- Dizajn baze podataka

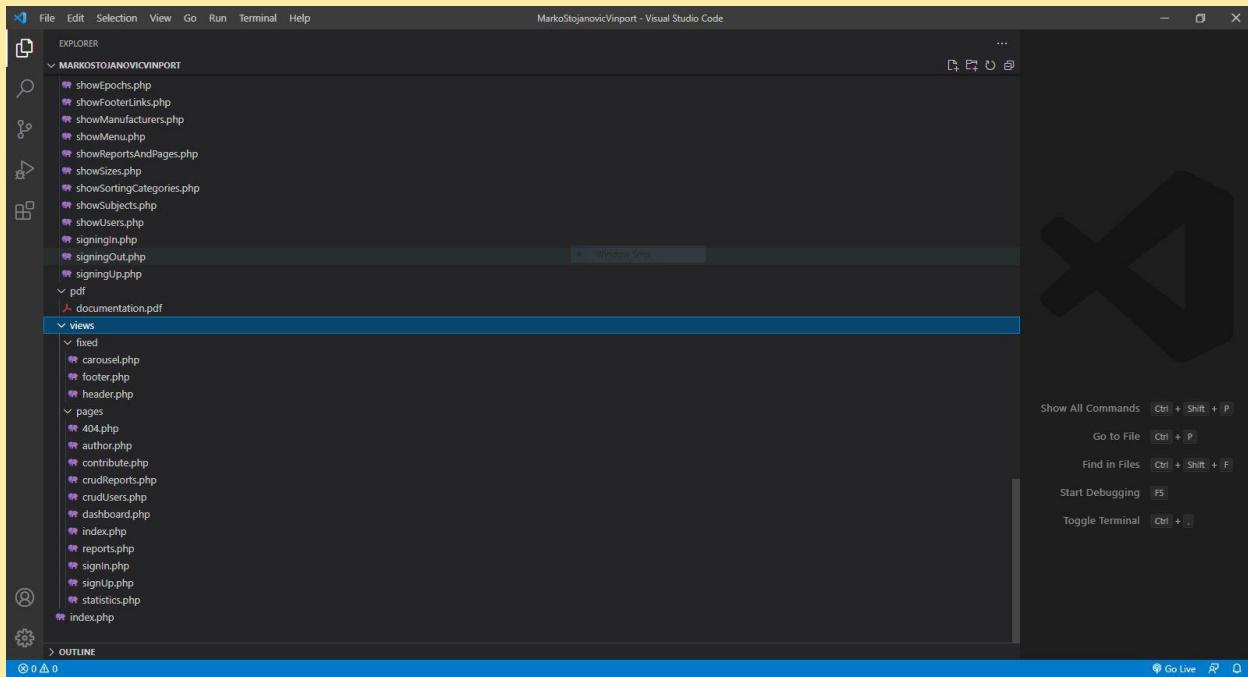


● Slike strukture projekta









● Kodovi

○ assets/css/style.css

```
*{
    font-family: 'Asap', sans-serif !important;
}
ul {
    list-style-type: none !important;
}
a {
    text-decoration: none !important;
}
*:focus,:*:active,:*:after,:*:before {
    border: none !important;
    box-shadow: none !important;
}
.lightYellowBackgroundColor {
    background-color: #fdeca6 !important;
}
.lightYellowColor {
    color: #fdeca6 !important;
}
.lightYellowBorder {
    border: 1px solid #fdeca6 !important;
}
.lightYellowBorderTop {
    border-top: 1px solid #fdeca6 !important;
}
.blackBorderTop {
    border-top: 1px solid #000000 !important;
}
.blackBorderBottom {
    border-bottom: 1px solid #000000 !important;
}
.blackBackgroundColor {
    background-color: #000000 !important;
}
.blackBackgroundColorWithoutImportant {
    background-color: #000000;
}
.blackColor {
    color: #000000 !important;
}
```

```
.blackBorder {
    border: 1px solid #000000 !important;
}
.backgroundSizeCover {
    background-size: cover !important;
}
.backgroundRepeatNoRepeat {
    background-repeat: no-repeat !important;
}
.backgroundAttachmentFixed {
    background-attachment: fixed !important;
}
.navbar-light .navbar-toggler-icon {
    background-
image: url("data:image/svg+xml,%3csvg xmlns='http://www.w3.org/2000/svg' width='30' height='30' viewBox='0 0 30 30'%3e%3cpath stroke='rgba(0, 0, 0, 1)' stroke-linecap='round' stroke-miterlimit='10' stroke-width='2' d='M4 7h22M4 15h22M4 23h22'/%3e%3c/svg%3e") !important;
}
button,input,select,textarea {
    border: none !important;
}
.custom-file-label::after{
    background-color: #000000 !important;
    content: none !important;
}
.custom-file-input:focus~.custom-file-label {
    border-color: none !important;
    box-shadow: none !important;
}
.custom-checkbox .custom-control-input:checked ~ .custom-control-label::before {
    background-color: #000000!important;
}
.custom-checkbox .custom-control-input ~ .custom-control-label::before {
    background-color: #000000!important;
}
.custom-checkbox .custom-control-input:checked~.custom-control-label::after {
    background-
image: url("data:image/svg+xml,%3csvg xmlns='http://www.w3.org/2000/svg' width='8' height='8' viewBox='0 0 8 8'%3e%3cpath fill='%23fdeca6' d='M6.564.751-3.59 3.612-1.538-1.55L0 4.2612.974 2.99L8 2.193z'/%3e%3c/svg%3e") !important;
}
.modal-header {
    border-bottom: none !important;
}
```

```
.modal-footer {  
    border-top: none !important;  
}  
.card-footer {  
    border-top: 0px !important;  
}  
progress::-webkit-progress-bar {  
    background-color: #000000;  
    border: 1px solid #000000;  
}  
progress::-webkit-progress-value {  
    background-color: #fdeca6 !important;  
    border: 1px solid #000000;  
}  
.tooltip-inner {  
    color: #fdeca6 !important;  
}  
.bi {  
    font-size: 1.5rem;  
}  
.trashCan:hover, .trashCan:focus {  
    background-color: #000000;  
}
```

○ assets/js/main.js

```
getViaAjax("showMenu",showMenu);

getViaAjax("showCarousel",showCarousel);

getViaAjax("showFooterLinks",showFooterLinks
);

function getViaAjax(fileName,
specificFunction,data=null) {

$.ajax({


url: "models/" + fileName + ".php",
method: "get",
data: data,
dataType: "json",
success: function(jsonData){

specificFunction(jsonData);

},
error: function(xhr){
```

```
        console.error(xhr);

    }

});

}

function syncGetViaAjax(fileName,
specificFunction,data=null) {

$.ajax({  
    async : false,  
    url: "models/" + fileName + ".php",  
    method: "get",  
    data: data,  
    dataType: "json",  
    success: function(jsonData){  
        specificFunction(jsonData);  
    },  
}
```

```
error: function(xhr){  
    console.error(xhr);  
}  
});  
}  
  
function  
postViaAjax(fileName,specificFunction,data=null){  
    $.ajax({  
        url: "models/" + fileName + ".php",  
        method: "post",  
        data : data,  
        dataType: "json",  
        success: function(jsonData){  
            specificFunction(jsonData);  
        }  
    });  
}
```

```
        },  
  
        error: function(xhr){  
            console.error(xhr);  
        }  
    });  
  
}  
  
function  
postFormDataViaAjax(fileName,specificFunction,data=null){  
  
    $.ajax({  
        url: "models/" + fileName + ".php",  
        method: "post",  
        data : data,  
        contentType:false,  
        processData: false,
```

```
success: function(jsonData){  
    specificFunction(jsonData);  
},  
  
error: function(xhr){  
    console.error(xhr);  
}  
});  
}  
  
function showMenu(menuJsonData){  
    let writingMenu = "";  
    menuJsonData.forEach(partOfMenu=>{  
        writingMenu+=`<li  
id="partOfMenu${partOfMenu.id}" class="nav-  
item">  
    
```

```
<a class="nav-link blackColor p-2 m-2"
href="${partOfMenu.href}">${partOfMenu.labe
l}</a>

</li>`;

if(partOfMenu.id==4){

localStorage.removeItem("signedIn");

}

if(partOfMenu.id==6){

localStorage.setItem("signedIn",JSON.stringify("true"));

}

});
```

\$("#menu").html(writingMenu);

if(window.location=="http://127.0.0.1/MarkoSt

```
ojanovicVinport/index.php" || window.location=
="http://127.0.0.1/MarkoStojanovicVinport/"){
```

```
$("#partOfMenu1").addClass("blackBackground
Color rounded-circle");
```

```
$("#partOfMenu1
a").removeClass("blackColor");
```

```
$("#partOfMenu1
a").addClass("lightYellowColor");
```

```
}
```

```
if(window.location=="http://127.0.0.1/MarkoSt
ojanovicVinport/index.php?page=reports"){
```

```
$("#partOfMenu2").addClass("blackBackground
Color rounded-circle");
```

```
$("#partOfMenu2  
a").removeClass("blackColor");  
  
$("#partOfMenu2  
a").addClass("lightYellowColor");  
  
}
```

```
if(window.location=="http://127.0.0.1/MarkoSt  
ojanovicVinport/index.php?page=author"){
```

```
$("#partOfMenu3").addClass("blackBackground  
Color rounded-circle");  
  
$("#partOfMenu3  
a").removeClass("blackColor");  
  
$("#partOfMenu3  
a").addClass("lightYellowColor");  
  
}
```

```
if(window.location=="http://127.0.0.1/MarkoSt  
ojanovicVinport/index.php?page=signIn"){

    $("#partOfMenu4").addClass("blackBackground  
Color rounded-circle");

    $("#partOfMenu4  
a").removeClass("blackColor");

    $("#partOfMenu4  
a").addClass("lightYellowColor");

}

}
```

```
if(window.location=="http://127.0.0.1/MarkoSt  
ojanovicVinport/index.php?page=signUp"){

    $("#partOfMenu5").addClass("blackBackground  
Color rounded-circle");

}
```

```
$("#partOfMenu5  
a").removeClass("blackColor");  
  
$("#partOfMenu5  
a").addClass("lightYellowColor");  
  
}
```

```
if(window.location=="http://127.0.0.1/MarkoSt  
ojanovicVinport/index.php?page=dashboard"){
```

```
$("#partOfMenu7").addClass("blackBackground  
Color rounded-circle");  
  
$("#partOfMenu7  
a").removeClass("blackColor");  
  
$("#partOfMenu7  
a").addClass("lightYellowColor");  
  
}
```

```
if(window.location=="http://127.0.0.1/MarkoSt  
ojanovicVinport/index.php?page=contribute"){  
  
    $("#partOfMenu9").addClass("blackBackground  
Color rounded-circle");  
  
    $("#partOfMenu9  
a").removeClass("blackColor");  
  
    $("#partOfMenu9  
a").addClass("lightYellowColor");  
  
}  
  
}  
  
function showCarousel(carouselJsonData){  
  
let writingCarousel = "";  
  
carouselJsonData.forEach(slide=>{  
  
writingCarousel+=`
```

```
<div class="carousel-item
backgroundSizeCover
backgroundRepeatNoRepeat
backgroundAttachmentFixed">



<div class="carousel-caption d-none d-md-
block">

<h1 class="lightYellowColor">Vinport</h1>
<h2 class="lightYellowColor">A specialized
site for vintage car reports</h2>

</div>

</div>

`;

});

$("#carousellInner").html(writingCarousel);
```

```
$('.carousel-item').first().addClass('active');

}

function showFooterLinks(footerJsonData){

let writingFooterLinks = "";

footerJsonData.forEach(link=>{

writingFooterLinks+=`  

<li>  

<a href="${link.href}" ${link.id==3 ?  

"id='downloadAnPdfFile' data-toggle='tooltip'  

data-placement='top' title='Click on this link to  

download our documentation.'  

download='documentation'" : ""}   

class="lightYellowColor  

blackBackgroundColor"><span  

class="${link.icon}"></span></a>  

</li>
```

```
`;  
});  
  
$("#footerLinks").html(writingFooterLinks);  
  
$("#downloadAnPdfFile").tooltip();  
  
}  
  
if(window.location  
=="http://127.0.0.1/MarkoStojanovicVinport/in  
dex.php"){  
  
getViaAjax("showSubjects",showSubjects);  
  
$("#sendMessage").click(function(){  
  
let firstName = $("#firstName").val();  
  
let lastName = $("#lastName").val();  
  
let emailAddress = $("#emailAddress").val();  
  
let subjectId = $("#subjects").val();  
  
let message = $("#message").val();
```

```
let errorCounter = 0;

let namePattern = /^[A-ŽĆĆŽŠĐ][A-
zĆĆŽŠĐććžđ']+([ ][A-ŽĆĆŽŠĐ][A-
zĆĆŽŠĐććžđ']+)*$/;

let emailAddressPattern = /^(?=.{6,30}@)[0-
9a-z]+(?:\.[0-9a-z]+)*@[a-z0-9]{2,}(?:\.[a-
z]{2,})+$/;

if(firstName!=""){

    if(namePattern.test(firstName)){

        $("#firstNameNote").html("You have filled
in this field properly!");

        $("#firstNameNote").removeClass("text-
danger");

        $("#firstNameNote").addClass("text-
success");
    }
}
```

```
else {

    errorCounter++;

    $("#firstNameNote").html("You have not
fill in this field properly. Example: Al McKay");

    $("#firstNameNote").removeClass("text-
success");

    $("#firstNameNote").addClass("text-
danger");

}

else {

    errorCounter++;

    $("#firstNameNote").html("This field must
not be left blank!");

    $("#firstNameNote").removeClass("text-
success");
```

```
$("#firstNameNote").addClass("text-
danger");

}

if(lastName!=""){

    if(namePattern.test(lastName)){

        $("#lastNameNote").html("You have filled
in this field properly!");

        $("#lastNameNote").removeClass("text-
danger");

        $("#lastNameNote").addClass("text-
success");

    }

    else {

        errorCounter++;

    }

}
```

```
    $("#lastNameNote").html("You have not fill  
in this field properly. Example: O'Bryant  
Junior");
```

```
    $("#lastNameNote").removeClass("text-  
success");
```

```
    $("#lastNameNote").addClass("text-  
danger");
```

```
}
```

```
}
```

```
else {
```

```
    errorCounter++;
```

```
    $("#lastNameNote").html("This field must  
not be left blank!");
```

```
    $("#lastNameNote").removeClass("text-  
success");
```

```
$("#lastNameNote").addClass("text-
danger");

}

if (emailAddress != "") {
    if (emailAddressPattern.test(emailAddress))
    {
        $("#emailAddressNote").html("You have
filled in this field properly!");

        $("#emailAddressNote").removeClass("text-
danger");
        $("#emailAddressNote").addClass("text-
success");
    }
    else {
        errorCounter++;
    }
}
```

```
$("#emailAddressNote").html("You have  
not fill in this field properly. Example:  
1james.caa1n@3mail.co.us");
```

```
$("#emailAddressNote").removeClass("text-  
success");
```

```
$("#emailAddressNote").addClass("text-  
danger");
```

```
}
```

```
}
```

```
else {
```

```
    errorCounter++;
```

```
    $("#emailAddressNote").html("This field  
must not be left blank!");
```

```
    $("#emailAddressNote").removeClass("text-  
success");
```

```
        $("#emailAddressNote").addClass("text-
danger");

    }

    if (subjectId != 0) {

        $("#subjectNote").html("You have filled in
this field properly!");

        $("#subjectNote").removeClass("text-
danger");

        $("#subjectNote").addClass("text-success");

    }

    else {

        errorCounter++;

        $("#subjectNote").html("You have to select
a subject matter. Example: Compliment");

        $("#subjectNote").removeClass("text-
success");
```

```
        $("#subjectNote").addClass("text-danger");

    }

    if (message != "") {

        $("#messageNote").html("You have filled in
this field properly!");

        $("#messageNote").removeClass("text-
danger");

        $("#messageNote").addClass("text-
success");

    }

    else {

        errorCounter++;

        $("#messageNote").html("This field must
not be left blank!");

        $("#messageNote").removeClass("text-
success");
    }
}
```

```
$("#messageNote").addClass("text-
danger");

}

if(errorCounter==0){

let data = {

    firstName : firstName,
    lastName : lastName,
    emailAddress : emailAddress,
    subjectId : subjectId,
    message : message

}

postViaAjax("sendingMessage",sendingMessag
e,data);

}
```

```
});

function sendingMessage(jsonData){

    alert(jsonData.message);

    window.location.href="index.php";

}

function showSubjects(subjectsJsonData){

    let writingSubjects = `<option
value="0">Choose subject matter</option>`;

    subjectsJsonData.forEach(subject=>{

        writingSubjects += `<option
value="${subject.id}">${subject.subjectName}<
/&option>`;

    });

    $("#subjects").html(writingSubjects);

}
```

```
}

if (window.location
=="http://127.0.0.1/MarkoStojanovicVinport/in
dex.php?page=signIn") {

$("#signIn").click(function(){

let username = $("#username").val();

let password = $("#password").val();

let data = {

    username : username,

    password : password

}

postViaAjax('signingIn',signingIn,data);

});

function signingIn(jsonData){
```

```
if(jsonData.message=="You have signed in  
successfully"){  
  
    alert(jsonData.message);  
  
    window.location.href="index.php";  
  
}  
  
else if(jsonData.message=="You have  
entered wrong  
password." || jsonData.message=="There is not  
an user with that  
username." || jsonData.message=="You have  
entered a wrong password. Number of signing  
in attempts left: 2" || jsonData.message=="You  
have entered a wrong password. Number of  
signing in attempts left:  
1" || jsonData.message=="Your account is  
locked!"{  
  
    alert(jsonData.message);
```

```
}

else {

    alert("Successfull signing in!");

    let username = jsonData.message;

    let newPassword = prompt("Now you have
to change initial password. Type your new
password in the field bellow:");

    let data = {

        username : username,
        newPassword : newPassword

    }

postViaAjax("changingPassword",changingPass
word,data);

}
```

```
function changingPassword(jsonData){  
    alert(jsonData.message);  
    window.location.href="index.php";  
}  
  
}  
  
if (window.location  
=="http://127.0.0.1/MarkoStojanovicVinport/in  
dex.php?page=signUp") {  
    $("#signUp").click(function(){  
        let firstName = $("#firstName").val();  
        let lastName = $("#lastName").val();  
        let emailAddress = $("#emailAddress").val();  
        let username = $("#username").val();  
        let password = $("#password").val();  
    })  
}
```

```
let confirmPassword =  
$("#confirmPassword").val();  
  
let errorCounter = 0;  
  
let namePattern = /^[A-ŽĆĆŽŠĐ][A-  
zĆĆŽŠĐććžđ']+([ ][A-ŽĆĆŽŠĐ][A-  
zĆĆŽŠĐććžđ']+)*$/;  
  
let emailAddressPattern = /^[?=.{6,30}@[0-  
9a-z]+(?:\.[0-9a-z]+)*@[a-z0-9]{2,}(?:\.[a-  
z]{2,})+$/;  
  
let credentialPattern = /^[?=.*[a-z])(?=.*[A-  
Z])(?=.*[0-9]).{8,50}$/;  
  
if(firstName!=""){  
    if(namePattern.test(firstName)){  
        $("#firstNameNote").html("You have filled  
in this field properly!");  
    }  
}
```

```
        $("#firstNameNote").removeClass("text-
danger");

        $("#firstNameNote").addClass("text-
success");

    }

else {

    errorCounter++;

    $("#firstNameNote").html("You have not
fill in this field properly. Example: Al McKay");

    $("#firstNameNote").removeClass("text-
success");

    $("#firstNameNote").addClass("text-
danger");

}

else {
```

```
errorCounter++;

$("#firstNameNote").html("This field must
not be left blank!");

$("#firstNameNote").removeClass("text-
success");

$("#firstNameNote").addClass("text-
danger");

}

if(lastName!=""){

if(namePattern.test(lastName)){

$("#lastNameNote").html("You have filled
in this field properly!");

$("#lastNameNote").removeClass("text-
danger");

$("#lastNameNote").addClass("text-
success");
```

```
    }

    else {

        errorCounter++;

        $("#lastNameNote").html("You have not fill
in this field properly. Example: O'Bryant
Junior");

        $("#lastNameNote").removeClass("text-
success");

        $("#lastNameNote").addClass("text-
danger");

    }

    else {

        errorCounter++;

        $("#lastNameNote").html("This field must
not be left blank!");

    }

}
```

```
        $("#lastNameNote").removeClass("text-success");
        $("#lastNameNote").addClass("text-danger");
    }

    if (emailAddress != "") {
        if (emailAddressPattern.test(emailAddress))
        {
            $("#emailAddressNote").html("You have
filled in this field properly!");
            $("#emailAddressNote").removeClass("text-danger");
            $("#emailAddressNote").addClass("text-success");
        }
    }
}
```

```
else {  
    errorCounter++;  
  
    $("#emailAddressNote").html("You have  
not fill in this field properly. Example:  
1james.caa1n@3mail.co.us");  
  
    $("#emailAddressNote").removeClass("text-  
success");  
  
    $("#emailAddressNote").addClass("text-  
danger");  
  
}  
  
}  
  
else {  
    errorCounter++;  
  
    $("#emailAddressNote").html("This field  
must not be left blank!");
```

```
        $("#emailAddressNote").removeClass("text-success");

        $("#emailAddressNote").addClass("text-danger");

    }

    if (username != "") {

        if (credentialPattern.test(username)) {

            $("#usernameNote").html("You have filled
in this field properly!");

            $("#usernameNote").removeClass("text-danger");

            $("#usernameNote").addClass("text-success");

        }

    } else {

        errorCounter++;

    }

}
```

```
$("#usernameNote").html("You have not  
fill in this field properly. Example: s15iNatra");  
  
$("#usernameNote").removeClass("text-  
success");  
  
$("#usernameNote").addClass("text-  
danger");  
  
}  
  
}  
  
else {  
  
    errorCounter++;  
  
    $("#usernameNote").html("This field must  
not be left blank!");  
  
    $("#usernameNote").removeClass("text-  
success");  
  
    $("#usernameNote").addClass("text-  
danger");
```

```
}

if (password != "") {

    if (credentialPattern.test(password)) {

        $("#passwordNote").html("You have filled
in this field properly!");

        $("#passwordNote").removeClass("text-
danger");

        $("#passwordNote").addClass("text-
success");

    }

    else {

        errorCounter++;

        $("#passwordNote").html("You have not
fill in this field properly. Example: rickleS26");

        $("#passwordNote").removeClass("text-
success");

    }

}
```

```
        $("#passwordNote").addClass("text-
danger");

    }

}

else {

    errorCounter++;

    $("#passwordNote").html("This field must
not be left blank!");

    $("#passwordNote").removeClass("text-
success");

    $("#passwordNote").addClass("text-
danger");

}

if (confirmPassword==password){
```

```
$("#confirmPasswordNote").html("Passwords  
match!");
```

```
$("#confirmPasswordNote").removeClass("text-  
danger");
```

```
$("#confirmPasswordNote").addClass("text-  
success");
```

```
}
```

```
else {
```

```
    errorCounter++;
```

```
$("#confirmPasswordNote").html("Passwords  
do not match!");
```

```
$("#confirmPasswordNote").removeClass("text-success");
```

```
$("#confirmPasswordNote").addClass("text-danger");
```

```
}
```

```
if(errorCounter==0){
```

```
let data = {
```

```
    firstName : firstName,
```

```
    lastName : lastName,
```

```
    emailAddress : emailAddress,
```

```
    username : username,
```

```
    password : password,
```

```
    confirmPassword : confirmPassword
```

```
}
```

```
postViaAjax('signingUp',signingUp,data);

}

});

function signingUp(jsonData){

if(!Array.isArray(jsonData.message)){

alert(jsonData.message);

}

else {

for(let i=0;i<jsonData.message.length;i++){

alert(jsonData.message[i]);

}

}

if(jsonData.message=="You have signed up

successfully!"){

window.location.href="index.php";
```

```
    }

}

}

if (window.location
=="http://127.0.0.1/MarkoStojanovicVinport/in
dex.php?page=contribute") {

    $("#contribute").click(function(){

        let carName = $("#carName").val();

        let carEpoch = $("#carEpoch").val();

        let carManufacturer =
$("#carManufacturer").val();

        let carImage = $("#carImage")[0].files[0];

        let carImageName =
$("#carImage").val().toLowerCase();

        let allowedFileExtensions =
/(.*?\).(jpg|jpeg)$/;
```

```
let errorCounter = 0;

if(carlImage){

    if(allowedFileExtensions.test(carlImageName)){

        if(carlImage.size>=32000){

            errorCounter++;

            $("#carlImageNote").html("Your image is
too large. Upload only an image up to 32KB.");

            $("#carlImageNote").removeClass("text-
success");

            $("#carlImageNote").addClass("text-
danger");
        }

    }
}

else {

    errorCounter++;
}
```

```
        $("#carImageNote").html("You have not  
uploaded allowed type of file. Upload only a  
JPEG image.");  
  
        $("#carImageNote").removeClass("text-  
success");  
  
        $("#carImageNote").addClass("text-  
danger");  
  
    }  
  
}  
  
else {  
  
    errorCounter++;  
  
    $("#carImageNote").html("You have to  
upload image!");  
  
    $("#carImageNote").removeClass("text-  
success");
```

```
$("#carImageNote").addClass("text-
danger");

}

if(errorCounter==0){

let data = new FormData();

data.append("carName",carName);

data.append("carEpoch",carEpoch);

data.append("carManufacturer",carManufactur-
er);

data.append("carImage",carImage);

postFormDataViaAjax("contributing",contributi-
ng,data);

}

});
```

```
function contributing(jsonData){  
    if(!Array.isArray(jsonData.message)){  
        alert(jsonData.message);  
    }  
    else {  
        for(let i=0;i<jsonData.message.length;i++){  
            alert(jsonData.message[i]);  
        }  
        }  
        if(jsonData.message=="You have made a  
contribution successfully!"){  
            window.location.href="index.php";  
        }  
    }  
}
```

```
if (window.location  
=="http://127.0.0.1/MarkoStojanovicVinport/in  
dex.php?page=reports"){  
  
    $("#downloadAnExcelFile").tooltip();  
  
    $("#downloadAnExcelFile").click(downloadAnEx  
celFileViaAjax);  
  
    function downloadAnExcelFileViaAjax(){  
  
        $.ajax({  
  
            method: 'post',  
  
            url: "models/exportReports.php",  
  
            success: function(response) {  
  
                setTimeout(function(){  
  
                    let downloadLink =  
document.getElementById("downloadReports")  
;  
                
```

```
let excelFile = new Blob([response], {type: 'text/csv'});  
  
downloadLink.href =  
URL.createObjectURL(excelFile);  
  
downloadLink.download = 'reports.csv';  
  
$("#excel").click();  
  
,2000)  
  
return;},  
  
error: {function(xhr){  
  
console.error(xhr);  
  
}  
  
}  
  
});  
  
}  
  
}
```

```
if (window.location  
=="http://127.0.0.1/MarkoStojanovicVinport/in  
dex.php?page=reports" || window.location  
=="http://127.0.0.1/MarkoStojanovicVinport/in  
dex.php?page=crudReports") {  
  
    $("#sizesLabel").click(function(e){  
  
        e.preventDefault();  
  
        $("#sizes").slideToggle("slow");  
  
    });  
  
    $("#manufacturersLabel").click(function(e){  
  
        e.preventDefault();  
  
        $("#manufacturers").slideToggle("slow");  
  
    });  
  
    $("#countriesLabel").click(function(e){  
  
        e.preventDefault();  
  
        $("#countries").slideToggle("slow");  
  
    });
```

```
});

$("#epochsLabel").click(function(e){
    e.preventDefault();
    $("#epochs").slideToggle("slow");
});

$("#searchByName").keyup(sendingSortingFilte
ringAndPagingParameters);

$("#sortingCategories").change(sendingSorting
FilteringAndPagingParameters);

getViaAjax("showSizes",showSizes);

getViaAjax("showManufacturers",showManufa
cturers);

getViaAjax("showCountries",showCountries);
```

```
getViaAjax("showSortingCategories",showSortingCategories);
```

```
getViaAjax("showEpochs",showEpochs);
```

```
getViaAjax("showReportsAndPages",showReportsAndPages);
```

```
function showSizes(jsonData){
```

```
    let writingSizes = "";
```

```
    jsonData.forEach(size=>{
```

```
        writingSizes+=`
```

```
        <li>
```

```
            <div class="custom-control custom-checkbox">
```

```
        <input class="custom-control-input"
sizes" type="checkbox" value="${size.id}"
id="size${size.id}">
        <label class="custom-control-label"
for="size${size.id}"><h4>${size.sizeName}</h4>
</label>
    </div>
</li>
`;
});
$("#sizes").html(writingSizes);

$(".sizes").click(sendingSortingFilteringAndPagi
ngParameters);

}

function showManufacturers(jsonData){
```

```
let writingManufacturers = "";  
  
jsonData.forEach(manufacturer=>{  
  
    writingManufacturers+=`  
  
        <li>  
  
            <div class="custom-control custom-  
checkbox">  
  
                <input class="custom-control-input  
manufacturers" type="checkbox"  
value="${manufacturer.id}"  
id="manufacturer${manufacturer.id}"/>  
  
                <label class="custom-control-label"  
for="manufacturer${manufacturer.id}"><h4>${
        manufacturer.manufacturerName}</h4></label  
>  
  
            </div>  
  
        </li>  
    `);  
});
```

```
`;  
});  
  
$("#manufacturers").html(writingManufacturers);  
  
$(".manufacturers").click(sendingSortingFilteringAndPagingParameters);  
}  
  
function showCountries(jsonData){  
    let writingCountries = "";  
    jsonData.forEach(country=>{  
        writingCountries+=`  
            <li>  
                <div class="custom-control custom-checkbox">  
                    <input type="checkbox" value="${country.name}" checked="">  
                    ${country.name}  
                </div>  
            </li>  
        `;  
    });  
    $("#countries").html(writingCountries);  
}  
  
function sendingSortingFilteringAndPagingParameters(){  
    let sorting = $("#sort").val();  
    let filtering = $("#filter").val();  
    let paging = $("#page").val();  
    let url = "http://localhost:3001/api/countries?";  
    if(sorting != ""){  
        url += `sort=${sorting}&`;  
    }  
    if(filtering != ""){  
        url += `filter=${filtering}&`;  
    }  
    if(paging != ""){  
        url += `page=${paging}`;  
    }  
    $.get(url, showCountries);  
}
```

```
<input class="custom-control-input"
countries" type="checkbox"
value="${country.id}"
id="country${country.id}"/>
<label class="custom-control-label"
for="country${country.id}"><h4>${country.cou
ntryName}</h4></label>
</div>
</li>
`;
});
$("#countries").html(writingCountries);
$(".countries").click(sendingSortingFilteringAnd
PagingParameters);
}
```

```
function showEpochs(jsonData){  
    let writingEpochs = "";  
    jsonData.forEach(epoch=>{  
        writingEpochs+=`  
            <li>  
                <div class="custom-control custom-  
checkbox">  
                    <input class="custom-control-input  
epochs" type="checkbox" value="${epoch.id}"  
id="epoch${epoch.id}"/>  
                    <label class="custom-control-label"  
for="epoch${epoch.id}"><h4>${epoch.epochNa  
me}</h4></label>  
                </div>  
            </li>  
        `;  
    };
```

```
});

$("#epochs").html(writingEpochs);

$(".epochs").click(sendingSortingFilteringAndPa
gingParameters);

}

function showSortingCategories(jsonData){

    let writingSortingCategories = "<option
value='0'>Choose...</option>";

    jsonData.forEach(sortingCategory=>{

        writingSortingCategories+=`  

            <option value="${sortingCategory.id}"
id="sortingCategory${sortingCategory.id}">${so
rtingCategory.name}</option>
        `;

    });

}
```

```
$("#sortingCategories").html(writingSortingCategories);

}

function showReportsAndPages(jsonData){

let writingReports = "";

let writingPages = "";

if(jsonData.reports.length==0){

    alert("There are no results matching
parameters you have provided!");

}

else{

jsonData.reports.forEach(report=>{

    writingReports+=`  

<div class="card col-12 col-lg-5 pl-0 pr-0
mb-3 blackBackgroundColor">
```

```
  
  
<div class="card-body pl-0 pr-0 pb-0">  
  
    <h3 class="card-title lightYellowColor  
text-center">${report.title}</h3>  
  
    <ul class="list-group list-group-flush">  
  
        <li class="list-group-item  
blackBackgroundColor lightYellowBorderTop">  
  
            <h4 class="lightYellowColor float-  
left">Name:</h4>  
  
            <h4 class="lightYellowColor float-  
right">${report.carName}</h4>  
  
        </li>  
  
        <li class="list-group-item  
blackBackgroundColor lightYellowBorderTop">
```

```
<h4 class="lightYellowColor float-left">Manufacturer:</h4>

    <h4 class="lightYellowColor float-right">${report.manufacturerName}</h4>

</li>

<li class="list-group-item blackBackgroundColor lightYellowBorderTop">

    <h4 class="lightYellowColor float-left">Country:</h4>

        <h4 class="lightYellowColor float-right">${report.countryName}</h4>

</li>

<li class="list-group-item blackBackgroundColor lightYellowBorderTop">

    <h4 class="lightYellowColor float-left">Size:</h4>
```

```
<h4 class="lightYellowColor float-right">${report.sizeName}</h4>

</li>

<li class="list-group-item blackBackgroundColor lightYellowBorderTop">

    <h4 class="lightYellowColor float-left">Epoch:</h4>

    <h4 class="lightYellowColor float-right">${report.epochName}</h4>

</li>

</ul>

</div>`;
```

```
if(window.location=="http://127.0.0.1/MarkoSt  
ojanovicVinport/index.php?page=reports"){

    writingReports+=`
```

```
<div class="card-footer">

    <button type="button" class="btn btn-
primary w-100 lightYellowBackgroundColor
blackColor" data-toggle="modal" data-
target="#report${report.reportId}">Proceed!</
button>

</div>

</div>

<div class="modal fade"
id="report${report.reportId}" data-
backdrop="static" data-keyboard="false"
tabindex="-1" aria-
labelledby="staticBackdropLabel" aria-
hidden="true">

    <div class="modal-dialog modal-
dialog-scrollable modal-lg">
```

```
<div class="modal-content  
lightYellowBackgroundColor">  
    <div class="modal-header shadow">  
        <h3 class="modal-title blackColor"  
id="staticBackdropLabel">${report.title}</h3>  
        <button type="button" class="close  
blackColor" data-dismiss="modal" aria-  
label="Close">  
            <span aria-  
hidden="true">&times;</span>  
        </button>  
    </div>  
    <div class="modal-body p-0">  
        
```

```
    <h4 class="lightYellowColor  
blackBackgroundColor mt-3 pl-3 pr-  
3">Report</h4>  
  
    <p class="pl-3 pr-3 text-  
justify">${report.reportKernel}</p>  
  
    <h4 class="lightYellowColor  
blackBackgroundColor pl-3 pr-  
3">Comments</h4>`;  
  
    let data = {  
  
        reportId : report.reportId  
  
    }  
  
  
  
  
syncGetViaAjax("showComments",showComme  
nts,data);  
  
function  
showComments(commentsJsonData){
```

```
if(commentsJsonData.length==0){

    writingReports+=`<h5
class="blackColor pl-3 pr-3">There are no
comments about this car yet.</h5>`;

}

else {

commentsJsonData.forEach((comment,key,com
mentsJsonData)=>{

    writingReports+=`
<div class="d-flex justify-
content-between
${key<commentsJsonData.length-1 ?
"blackBorderBottom" : ""}>

    <span class="pl-3 pr-3">
```

```
<h5  
class="blackColor">${comment.username}</h5  
>  
  
        <small  
class="blackColor">${comment.dateAndTime}<  
/small>  
  
        </span>  
  
        <p class="pl-3 pr-  
3">${comment.comment}</p>  
  
        </div>`;  
  
    });  
  
}  
  
writingReports+=`
```

```
<h4 class="lightYellowColor  
blackBackgroundColor pl-3 pr-3">Add a  
comment</h4>`;  
  
if(localStorage.getItem("signedIn")){  
    writingReports+=`  
        <form class="w-100 pl-3 pr-3  
pb-3">  
            <div class="form-group">  
                <input type="text"  
class="form-control blackBackgroundColor  
lightYellowColor"  
id="report${report.reportId}CommentField">  
                <small  
id="report${report.reportId}CommentFieldNot  
e" class="form-text text-center"></small>  
            </div>
```

```
        <button type="button"
class="btn btn-secondary w-100
blackBackgroundColor lightYellowColor
postComment" data-
id="${report.reportId}">Add a
comment!</button>

        </form>`

    }

    else {

        writingReports+=`<h5
class="blackColor pl-3 pr-3">You have to sign in
to post comments.</h5>`;

    }

    writingReports+=`</div>

</div>
```

```
        </div>

    </div>`;

}

else {

writingReports+=`  

<div class="card-footer d-flex">  

    <button type="button" class="btn btn-primary w-50 ml-2 mr-1  

lightYellowBackgroundColor blackColor" data-  

toggle="modal" data-  

target="#report${report.reportId}">Proceed to  

update!</button>  

    <button type="button" class="btn btn-primary w-50 ml-2 ml-1  

lightYellowBackgroundColor blackColor  

deleteReport" data-toggle="modal" data-
```

```
    id="${report.reportId}">Proceed to  
    delete!</button>  
  
    </div>  
  
    </div>  
  
    <div class="modal fade"  
        id="report${report.reportId}" data-  
        backdrop="static" data-keyboard="false"  
        tabindex="-1" aria-  
        labelledby="staticBackdropLabel" aria-  
        hidden="true">  
  
        <div class="modal-dialog modal-dialog-  
        scrollable modal-lg">  
  
            <div class="modal-content  
            lightYellowBackgroundColor">  
  
                <div class="modal-header shadow">  
  
                    <h3 class="modal-title blackColor"  
                    id="staticBackdropLabel">${report.title}</h3>
```

```
<button type="button" class="close
blackColor" data-dismiss="modal" aria-
label="Close">

    <span aria-
hidden="true">&times;</span>

</button>

</div>

<div class="modal-body p-0 d-flex
flex-column">

    <form class="p-3">

        <div class="form-row">

            <label class="blackColor w-50"
for="report${report.reportId}CarImage"><h4
class="blackColor">Car image: </h4></label>

            <div class="form-group text-
center w-50">
```

```
<div class="custom-file">  
    <input type="file"  
        class="custom-file-input"  
        id="report${report.reportId}CarImage"/>  
  
    <label  
        for="report${report.reportId}CarImage"  
        class="custom-file-label blackBackgroundColor  
        lightYellowColor">Choose file</label>  
  
    </div>  
  
    <small  
        id="report${report.reportId}CarImageNote"  
        class="form-text"></small>  
  
    </div>  
  
    </div>  
  
<div class="form-row">
```

```
<label class="blackColor w-50"  
for="report${report.reportId}Title"><h4  
class="blackColor">Title: </h4></label>  
  
<div class="form-group w-50">  
  
    <input type="text" class="form-  
control blackBackgroundColor  
lightYellowColor" value="${report.title}"  
id="report${report.reportId}Title"/>  
  
    <small  
id="report${report.reportId}TitleNote"  
class="form-text text-center"></small>  
  
    </div>  
  
</div>  
  
<div class="form-row">  
  
    <label class="blackColor w-50"  
for="report${report.reportId}CarName"><h4  
class="blackColor">Car name: </h4></label>
```

```
<div class="form-group w-50">  
    <input type="text" class="form-control blackBackgroundColor  
lightYellowColor" value="${report.carName}"  
id="report${report.reportId}CarName"/>  
    <small  
id="report${report.reportId}CarNameNote"  
class="form-text text-center"></small>  
    </div>  
  </div>  
  <div class="form-row">  
    <label class="blackColor w-50"  
for="report${report.reportId}Size"><h4  
class="blackColor">Size: </h4></label>  
    <div class="form-group w-50">
```

```
<input type="text" class="form-control blackBackgroundColor lightYellowColor" value="${report.sizeName}" id="report${report.reportId}Size"/>
```

```
<small  
id="report${report.reportId}SizeNote"  
class="form-text text-center"></small>
```

```
</div>
```

```
</div>
```

```
<div class="form-row">
```

```
<label class="blackColor w-50"  
for="report${report.reportId}Epoch"><h4  
class="blackColor">Epoch: </h4></label>
```

```
<div class="form-group w-50">
```

```
<input type="text" class="form-control blackBackgroundColor lightYellowColor"
```

```
    id="report${report.reportId}Epoch"
    value="${report.epochName}">

        <small
            id="report${report.reportId}EpochNote"
            class="form-text text-center"></small>

        </div>

    </div>

    <div class="form-row">

        <label class="blackColor w-50"
for="report${report.reportId}Manufacturer"><
h4 class="blackColor">Manufacturer:<
/h4></label>

        <div class="form-group w-50">

            <input type="text" class="form-
control blackBackgroundColor
lightYellowColor"
```

```
id="report${report.reportId}Manufacturer"
value="${report.manufacturerName}">

    <small
        id="report${report.reportId}ManufacturerNote
" class="form-text text-center"></small>

    </div>

</div>

<div class="form-row">

    <label class="blackColor w-50"
for="report${report.reportId}Country"><h4
class="blackColor">Country: </h4></label>

    <div class="form-group w-50">

        <input type="text" class="form-
control blackBackgroundColor
lightYellowColor"
id="report${report.reportId}Country"
value="${report.countryName}">
```

```
<small  
id="report${report.reportId}CountryNote"  
class="form-text text-center"></small>  
  
        </div>  
    </div>  
  
    <div class="form-row">  
        <label class="blackColor w-50"  
for="report${report.reportId}ReportKernel"><h  
4 class="blackColor">Report kernel:  
</h4></label>  
  
        <div class="form-group w-50">  
            <textarea class="form-control  
blackBackgroundColor lightYellowColor"  
id="report${report.reportId}ReportKernel">${r  
eport.reportKernel}</textarea>
```

```
<small  
id="report${report.reportId}ReportKernelNote"  
class="form-text text-center"></small>  
  
        </div>  
    </div>  
  </form>  
  
  <h4 class="blackColor pl-3 pr-  
3">Comments</h4>  
  
  `;  
  
  let data = {  
    reportId : report.reportId  
  }  
  
  
  
  
syncGetViaAjax("showComments",showComme  
nts,data);
```

```
function  
showComments(commentsJsonData){  
  
    if(commentsJsonData.length==0){  
  
        writingReports+=`<h5  
class="blackColor p-3 blackBorderTop  
blackBorderBottom">There are no comments  
about this car yet.</h5>`;  
  
    }  
  
    else {  
  
        commentsJsonData.forEach(comment=>{  
  
            writingReports+=`  
                <div class="d-flex justify-  
content-between blackBorderTop  
blackBorderBottom">  
  
                    <span class="p-3">
```

```
<h5  
class="blackColor">${comment.username}</h5  
>  
  
          <small  
class="blackColor">${comment.dateAndTime}<  
/small>  
  
          </span>  
  
          <span class="d-flex justify-  
content-between">  
  
            <p class="p-  
3">${comment.comment}</p>  
  
            <button type="button"  
class="btn btn-secondary lightYellowColor  
blackBackgroundColorWithoutImportant  
trashCan mt-1 mb-1" data-toggle="tooltip"  
data-placement="top" title="If you think that  
this comment is inappropriate, click on trash
```

can bellow to put in the line to delete. Red button means that comment is in the to delete." data-id="\${comment.commentId}">

```
<span class="bi bi-trash-fill"></span>
```

```
</button>
```

```
</span>
```

```
</div>`;
```

```
});
```

```
}
```

```
}
```

```
writingReports+=`
```

```
</div>
```

```
<div class="modal-footer">
```

```
    <button type="button" class="btn  
    btn-secondary w-100 blackBackgroundColor
```

```
lightYellowColor updateReport" data-
id="${report.reportId}">Confirm
changes!</button>

        </div>

        </div>

        </div>

    </div>

    `;
}

});

}

`
```

```
if(window.location=="http://127.0.0.1/MarkoSt
ojanovicVinport/index.php?page=crudReports"
){

    writingReports+=`
```

```
<div class="modal fade" id="newReport"
data-backdrop="static" data-keyboard="false"
tabindex="-1" aria-
labelledby="staticBackdropLabel" aria-
hidden="true">

    <div class="modal-dialog modal-dialog-
scrollable modal-lg">

        <div class="modal-content
lightYellowBackgroundColor">

            <div class="modal-header shadow">

                <h3 class="modal-title blackColor"
id="staticBackdropLabel">New report</h3>

                <button type="button" class="close
blackColor" data-dismiss="modal" aria-
label="Close">

                    <span aria-
hidden="true">&times;</span>
```

```
</button>

</div>

<div class="modal-body p-3 d-flex flex-
column">

<form>

    <div class="form-row">

        <label class="blackColor w-50"
for="newReportCarImage"><h4
class="blackColor">Car image: </h4></label>

        <div class="form-group text-center
w-50">

            <div class="custom-file">

                <input type="file" class="custom-
file-input" id="newReportCarImage"/>
```

```
    <label for="newReportCarImage"
          class="custom-file-label blackBackgroundColor
          lightYellowColor">Choose file</label>

    </div>

    <small
      id="newReportCarImageNote" class="form-
      text"></small>

    </div>

    </div>

    <div class="form-row">

      <label class="blackColor w-50"
            for="newReportTitle"><h4
            class="blackColor">Title: </h4></label>

      <div class="form-group w-50">
```

```
    <input type="text" class="form-
control blackBackgroundColor
lightYellowColor" id="newReportTitle"/>

    <small id="newReportTitleNote"
class="form-text text-center"></small>

</div>

</div>

<div class="form-row">

    <label class="blackColor w-50"
for="newReportCarName"><h4
class="blackColor">Car name: </h4></label>

    <div class="form-group w-50">

        <input type="text" class="form-
control blackBackgroundColor
lightYellowColor" id="newReportCarName"/>
```

```
<small  
id="newReportCarNameNote" class="form-text  
text-center"></small>  
  
</div>  
  
</div>  
  
<div class="form-row">  
  
    <label class="blackColor w-50"  
for="newReportSize"><h4  
class="blackColor">Size: </h4></label>  
  
    <div class="form-group w-50">  
  
        <input type="text" class="form-  
control blackBackgroundColor  
lightYellowColor" id="newReportSize"/>  
  
        <small id="newReportSizeNote"  
class="form-text text-center"></small>  
  
</div>
```

```
</div>

<div class="form-row">

    <label class="blackColor w-50"
for="newReportEpoch"><h4
class="blackColor">Epoch: </h4></label>

    <div class="form-group w-50">

        <input type="text" class="form-
control blackBackgroundColor
lightYellowColor" id="newReportEpoch"/>

        <small id="newReportEpochNote"
class="form-text text-center"></small>

    </div>

</div>

<div class="form-row">

    <label class="blackColor w-50"
for="newReportManufacturer"><h4
```

```
class="blackColor">Manufacturer:  
</h4></label>  
  
<div class="form-group w-50">  
  
    <input type="text" class="form-control blackBackgroundColor  
lightYellowColor"  
id="newReportManufacturer"/>  
  
    <small  
id="newReportManufacturerNote"  
class="form-text text-center"></small>  
  
    </div>  
  
    </div>  
  
<div class="form-row">  
  
    <label class="blackColor w-50"  
for="newReportCountry"><h4  
class="blackColor">Country: </h4></label>
```

```
<div class="form-group w-50">  
    <input type="text" class="form-control blackBackgroundColor  
lightYellowColor" id="newReportCountry"/>  
    <small id="newReportCountryNote"  
class="form-text text-center"></small>  
  </div>  
  </div>  
<div class="form-row">  
  <label class="blackColor w-50"  
for="newReportReportKernel"><h4  
class="blackColor">Kernel: </h4></label>  
  <div class="form-group w-50">  
    <textarea class="form-control  
blackBackgroundColor lightYellowColor"  
id="newReportReportKernel"></textarea>
```

```
<small  
id="newReportReportKernelNote" class="form-  
text text-center"></small>  
  
</div>  
  
</div>  
  
</form>  
  
</div>  
  
<div class="modal-footer">  
  
    <button type="button" class="btn btn-  
secondary w-100 blackColor  
lightYellowColor" id="insertReport">Add a  
report!</button>  
  
</div>  
  
</div>  
  
</div>;
```

```
}
```

```
let numberOfPages = jsonData.pages;
```

```
for(let i=0;i<numberOfPages;i++){
```

```
    writingPages+=`
```

```
        <li class="page-item">
```

```
            <button type="button"
```

```
                class="blackBackgroundColor lightYellowColor  
lightYellowBorder pageButtons pb-2 pr-3 pl-3  
pt-2 rounded" data-  
limit="${i}">${i+1}</button>
```

```
        </li>
```

```
`;
```

```
}
```

```
$("#reports").html(writingReports);
```

```
if(window.location=="http://127.0.0.1/MarkoSt  
ojanovicVinport/index.php?page=reports"){  
  
    $(".postComment").click(function(){  
  
        let reportId = $(this).data('id');  
  
        let comment =  
            $("#report"+reportId+"CommentField").val();  
  
        if(comment==""){  
  
            $("#report"+reportId+"CommentFieldNote").ht  
ml("This field must not be left blank!");  
  
            $("#report"+reportId+"CommentFieldNote").ad  
dClass("text-danger");  
  
        }  
  
        else {
```

```
let data = {  
    reportId : reportId,  
    comment : comment  
};  
  
postViaAjax("postingComment",postingComment,data);  
}  
});  
  
function postingComment(response){  
    alert(response.message);  
  
    window.location.href="index.php?page=reports";  
}  
}
```

```
if(window.location=="http://127.0.0.1/MarkoSt  
ojanovicVinport/index.php?page=crudReports"  
)  
  
$('.trashCan').tooltip();  
  
$(".trashCan").click(function() {  
  
    $(this).toggleClass('bg-danger');  
  
});  
  
$(".updateReport").click(function(){  
  
    let reportId = $(this).data('id');  
  
    let carImage =  
$("#report"+reportId+"CarImage")[0].files[0];  
  
    let carImageName =  
$("#report"+reportId+"CarImage").val().toLowe  
rCase();
```

```
let allowedFileExtensions =
/(.*?\).(jpg|jpeg)$/;

let title =
$("#report"+reportId+"Title").val();

let carName =
$("#report"+reportId+"CarName").val();

let epoch =
$("#report"+reportId+"Epoch").val();

let size =
$("#report"+reportId+"Size").val();

let manufacturer =
$("#report"+reportId+"Manufacturer").val();

let country =
$("#report"+reportId+"Country").val();

let reportKernel =
$("#report"+reportId+"ReportKernel").val();
```

```
let commentsToDelete = $(".trashCan.bg-danger");
```

```
let commentsToDeleteArray =  
Array.from(commentsToDelete);
```

```
let commentLineToDelete = [];
```

```
commentsToDeleteArray.forEach(comment=>{
```

```
commentLineToDelete.push(comment.getAttribute('data-id'));
```

```
});
```

```
let commentLineToDeleteString =  
commentLineToDelete.join(",");
```

```
let errorCounter = 0;
```

```
if(carlImage){
```

```
if(allowedFileExtensions.test(carlImageName)){

    if(carlImage.size<32000){

        $("#report"+reportId+"CarlImageNote").html("Y
ou have filled in this field properly!");

        $("#report"+reportId+"CarlImageNote").remove
Class("text-danger");

        $("#report"+reportId+"CarlImageNote").addClas
s("text-success");

    }

    else {

        errorCounter++;
```

```
$("#report"+reportId+"CarImageNote").html("Y  
our image is too large. Upload only an image up  
to 32KB.");
```

```
$("#report"+reportId+"CarImageNote").remove  
Class("text-success");
```

```
$("#report"+reportId+"CarImageNote").addClas  
s("text-danger");
```

```
}
```

```
}
```

```
else {
```

```
    errorCounter++;
```

```
$("#report"+reportId+"CarImageNote").html("Y
```

ou have not uploaded allowed type of file.
Upload only a JPEG image.");

```
$("#report"+reportId+"CarImageNote").remove  
Class("text-success");
```

```
$("#report"+reportId+"CarImageNote").addClas  
s("text-danger");
```

```
}
```

```
}
```

```
if(title!=""){
```

```
$("#report"+reportId+"TitleNote").html("You  
have filled in this field properly!");
```

```
$("#report"+reportId+"TitleNote").removeClass  
("text-danger");
```

```
$("#report"+reportId+"TitleNote").addClass("text-success");
```

```
}
```

```
else {
```

```
    errorCounter++;
```

```
$("#report"+reportId+"TitleNote").html("This  
field must not be left blank!");
```

```
$("#report"+reportId+"TitleNote").removeClass  
("text-success");
```

```
$("#report"+reportId+"TitleNote").addClass("text-danger");
```

```
}
```

```
if(carName!=""){

    $("#report"+reportId+"CarNameNote").html("Y
ou have filled in this field properly!");

    $("#report"+reportId+"CarNameNote").remove
Class("text-danger");

    $("#report"+reportId+"CarNameNote").addClas
s("text-success");

}

else {

    errorCounter++;

    $("#report"+reportId+"CarNameNote").html("T
his field must not be left blank!");
}
```

```
$("#report"+reportId+"CarNameNote").removeClass("text-success");
```

```
$("#report"+reportId+"CarNameNote").addClass("text-danger");
```

```
}
```

```
if(epoch!=""){
```

```
$("#report"+reportId+"EpochNote").html("You have filled in this field properly!");
```

```
$("#report"+reportId+"EpochNote").removeClass("text-danger");
```

```
$("#report"+reportId+"EpochNote").addClass("text-success");
```

```
    }

    else {

        errorCounter++;

        $( "#report" + reportId + "EpochNote" ).html("This
field must not be left blank!");

        $( "#report" + reportId + "EpochNote" ).removeClass(
            "text-success" );

        $( "#report" + reportId + "EpochNote" ).addClass("t
ext-danger");

    }

    if( size != "" ){


```

```
$( "#report" + reportId + "SizeNote" ).html("You  
have filled in this field properly!");  
  
$( "#report" + reportId + "SizeNote" ).removeClass(  
"text-danger");  
  
$( "#report" + reportId + "SizeNote" ).addClass("te  
xt-success");  
  
}  
  
else {  
    errorCounter++;  
  
    $( "#report" + reportId + "SizeNote" ).html("This  
field must not be left blank!");
```

```
$("#report"+reportId+"SizeNote").removeClass("text-success");
```

```
$("#report"+reportId+"SizeNote").addClass("text-danger");
```

```
}
```

```
if(manufacturer!=""){
```

```
$("#report"+reportId+"ManufacturerNote").html("You have filled in this field properly!");
```

```
$("#report"+reportId+"ManufacturerNote").removeClass("text-danger");
```

```
$("#report"+reportId+"ManufacturerNote").addClass("text-success");
```

```
    }

    else {
        errorCounter++;

        $("#report"+reportId+"ManufacturerNote").html("This field must not be left blank!");

        $("#report"+reportId+"ManufacturerNote").removeClass("text-success");

        $("#report"+reportId+"ManufacturerNote").addClass("text-danger");
    }

    if(country!=""){

```

```
$( "#report" + reportId + "CountryNote" ).html("Yo  
u have filled in this field properly!");  
  
$( "#report" + reportId + "CountryNote" ).removeClass("text-danger");  
  
$( "#report" + reportId + "CountryNote" ).addClass("text-success");  
}  
  
else {  
    errorCounter++;  
  
    $( "#report" + reportId + "CountryNote" ).html("Thi  
s field must not be left blank!");
```

```
$("#report"+reportId+"CountryNote").removeClass("text-success");

$("#report"+reportId+"CountryNote").addClass("text-danger");

}

if(reportKernel!=""){

$("#report"+reportId+"ReportKernelNote").html(
("You have filled in this field properly!"));

$("#report"+reportId+"ReportKernelNote").removeClass("text-danger");

$("#report"+reportId+"ReportKernelNote").addClass("text-success");
```

```
    }

    else {

        errorCounter++;

        $( "#report" + reportId + "ReportKernelNote" ).htm
l( "This field must not be left blank!" );

        $( "#report" + reportId + "ReportKernelNote" ).rem
oveClass( "text-success" );

        $( "#report" + reportId + "ReportKernelNote" ).add
Class( "text-danger" );

    }

    if( errorCounter == 0 ){

        let data = new FormData();

        data.append( "reportId", reportId );
```

```
    data.append("carImage",carImage);
    data.append("title",title);
    data.append("carName",carName);
    data.append("epoch",epoch);
    data.append("size",size);

    data.append("manufacturer",manufacturer);
    data.append("country",country);

    data.append("reportKernel",reportKernel);

    data.append("commentLineToDeleteString",co
mmentLineToDeleteString);

postFormDataViaAjax("changingReport",changi
ngReport,data);
```

```
    }

});

$("#insertReport").click(function(){

    let carImage =
$("#newReportCarImage")[0].files[0];

    let carImageName =
$("#newReportCarImage").val().toLowerCase();

    let allowedFileExtensions =
/(.*?\.(jpg|jpeg)$/;

    let title = $("#newReportTitle").val();

    let carName =
$("#newReportCarName").val();

    let epoch = $("#newReportEpoch").val();

    let size = $("#newReportSize").val();

    let manufacturer =
$("#newReportManufacturer").val();
```

```
let country =
$("#newReportCountry").val();  
  
let reportKernel =
$("#newReportReportKernel").val();  
  
let errorCounter = 0;  
  
if(carlImage){  
  
if(allowedFileExtensions.test(carlImageName)){  
  
$("#newReportCarlImageNote").html("You have  
filled in this field properly!");  
  
$("#newReportCarlImageNote").removeClass("t  
ext-danger");
```

```
        $("#newReportCarlImageNote").addClass("text-success");

    }

    else {
        errorCounter++;

        $("#newReportCarlImageNote").html("Your
image is too large. Upload only an image up to
32KB.");

        $("#newReportCarlImageNote").removeClass("t
ext-success");

        $("#newReportCarlImageNote").addClass("text-
danger");

    }
}
```

```
    }

    else {
        errorCounter++;

        $("#newReportCarImageNote").html("You have
not uploaded allowed type of file. Upload only
a JPEG image.");

        $("#newReportCarImageNote").removeClass("t
ext-success");

        $("#newReportCarImageNote").addClass("text-
danger");

    }

    else {
```

```
errorCounter++;

$("#newReportCarImageNote").html("You
have not uploaded an image.");

$("#newReportCarImageNote").removeClass("t
ext-success");

$("#newReportCarImageNote").addClass("text-
danger");

}

if(title!=""){

$("#newReportTitleNote").html("You
have filled in this field properly!");

$("#newReportTitleNote").removeClass("text-
danger");
```

```
        $("#newReportTitleNote").addClass("text-success");  
  
    }  
  
    else {  
  
        errorCounter++;  
  
        $("#newReportTitleNote").html("This field  
must not be left blank!");  
  
  
  
        $("#newReportTitleNote").removeClass("text-success");  
  
        $("#newReportTitleNote").addClass("text-danger");  
  
    }  
  
    if(carName!=""){  
  
        $("#newReportCarNameNote").html("You  
have filled in this field properly!");
```

```
        $("#newReportCarNameNote").removeClass("text-danger");

        $("#newReportCarNameNote").addClass("text-success");

    }

else {

    errorCounter++;

    $("#newReportCarNameNote").html("This
field must not be left blank!");

        $("#newReportCarNameNote").removeClass("text-success");

        $("#newReportCarNameNote").addClass("text-danger");
```

```
}

if(epoch!=""){

    $("#newReportEpochNote").html("You
have filled in this field properly!");

    $("#newReportEpochNote").removeClass("text-
danger");

    $("#newReportEpochNote").addClass("text-
success");

}

else {

    errorCounter++;

    $("#newReportEpochNote").html("This
field must not be left blank!");
}
```

```
$("#newReportEpochNote").removeClass("text-success");
```

```
$("#newReportEpochNote").addClass("text-danger");
```

```
}
```

```
if(size!=""){
```

```
    $("#newReportSizeNote").html("You have  
filled in this field properly!");
```

```
    $("#newReportSizeNote").removeClass("text-danger");
```

```
    $("#newReportSizeNote").addClass("text-success");
```

```
}
```

```
else {  
    errorCounter++;  
  
    $("#newReportSizeNote").html("This field  
must not be left blank!");  
  
    $("#newReportSizeNote").removeClass("text-  
success");  
  
    $("#newReportSizeNote").addClass("text-  
danger");  
  
}  
  
if(manufacturer!=""){  
  
    $("#newReportManufacturerNote").html("You  
have filled in this field properly!");
```

```
$("#newReportManufacturerNote").removeClass("text-danger");

$("#newReportManufacturerNote").addClass("text-success");

}

else {

    errorCounter++;

$("#newReportManufacturerNote").html("This
field must not be left blank!");

$("#newReportManufacturerNote").removeClass("text-success");
```

```
$("#newReportManufacturerNote").addClass("text-danger");

}

if(country!=""){

    $("#newReportCountryNote").html("You
have filled in this field properly!");

$("#newReportCountryNote").removeClass("te
xt-danger");

$("#newReportCountryNote").addClass("text-
success");

}

else {

    errorCounter++;

}
```

```
$("#newReportCountryNote").html("This  
field must not be left blank!");
```

```
$("#newReportCountryNote").removeClass("te  
xt-success");
```

```
$("#newReportCountryNote").addClass("text-  
danger");
```

```
}
```

```
if(reportKernel!=""){
```

```
$("#newReportReportKernelNote").html("You  
have filled in this field properly!");
```

```
$("#newReportReportKernelNote").removeClass("text-danger");
```

```
$("#newReportReportKernelNote").addClass("text-success");

}

else {

    errorCounter++;



$("#newReportReportKernelNote").html("This
field must not be left blank!");





$("#newReportReportKernelNote").removeClass("text-success");



$("#newReportReportKernelNote").addClass("text-danger");

}
```

```
if(errorCounter==0){  
    let data = new FormData();  
    data.append("carImage",carImage);  
    data.append("title",title);  
    data.append("carName",carName);  
    data.append("epoch",epoch);  
    data.append("size",size);  
  
    data.append("manufacturer",manufacturer);  
    data.append("country",country);  
  
    data.append("reportKernel",reportKernel);  
  
    postFormDataViaAjax("insertingReport",insertingReport,data);  
}
```

```
});

$(".deleteReport").click(function(){

    let sure = confirm("Are you sure about
deleting this report?");

    if(sure){

        let reportId = $(this).data('id');

        let data = {
            reportId : reportId

        }

postViaAjax("deletingReport",deletingReport,d
ata);

    }

});
```

```
        $("#pages").html(writingPages);

    $(".pageButtons").click(sendingSortingFiltering
AndPagingParameters);

}

function
sendingSortingFilteringAndPagingParameters(){

let sizes = $(".sizes:checked");

let manufacturers =
$(".manufacturers:checked");

let countries = $(".countries:checked");

let epochs = $(".epochs:checked");

let name =
$("#searchByName").val().toUpperCase();

let sortingCategoryId =
$("#sortingCategories").val();
```

```
let limit = $(this).data('limit');

let sizeIds = [];

let manufacturerIds = [];

let countryIds = [];

let epochIds = [];

if(sizes.length!=0){

    for(let i=0;i<sizes.length;i++){

        sizeIds.push(sizes[i].value);

    }

}

let sizeIdsString = sizeIds.join(",");

if(manufacturers.length!=0){

    for(let i=0;i<manufacturers.length;i++){

        manufacturerIds.push(manufacturers[i].value);

    }

}
```

```
    }

}

let manufacturerIdsString =
  manufacturerIds.join(",");
if(countries.length!=0){

  for(let i=0;i<countries.length;i++){
    countryIds.push(countries[i].value);
  }
}

let countryIdsString = countryIds.join(",");
if(epochs.length!=0){

  for(let i=0;i<epochs.length;i++){
    epochIds.push(epochs[i].value);
  }
}
```

```
let epochIdsString = epochIds.join(",");  
  
let data = {  
  
    sizeIdsString : sizeIdsString,  
  
    manufacturerIdsString :  
    manufacturerIdsString,  
  
    countryIdsString : countryIdsString,  
  
    epochIdsString : epochIdsString,  
  
    name : name,  
  
    sortingCategoryId : sortingCategoryId,  
  
    limit: limit  
  
}  
  
getViaAjax("showReportsAndPages",showRepo  
rtsAndPages,data);  
  
}
```

```
}

if(window.location
=="http://127.0.0.1/MarkoStojanovicVinport/in
dex.php?page=crudReports"){

function changingReport(jsonData){

if(!Array.isArray(jsonData.message)){

alert(jsonData.message);

}

else {

for(let i=0;i<jsonData.message.length;i++){

alert(jsonData.message[i]);

}

}

if(jsonData.message=="You have changed a
report successfully!"){

}
```

```
window.location.href="index.php?page=crudReports";  
}  
}  
  
function insertingReport(jsonData){  
if(!Array.isArray(jsonData.message)){  
alert(jsonData.message);  
}  
else {  
for(let i=0;i<jsonData.message.length;i++){  
alert(jsonData.message[i]);  
}  
}  
}
```

```
if(jsonData.message=="You have inserted a
report successfully"){
    window.location.href="index.php?page=crudRe
ports";
}

function deletingReport(jsonData){
    alert(jsonData.message);

    window.location.href="index.php?page=crudRe
ports";
}

if(window.location=="http://127.0.0.1/MarkoSt
ojanovicVinport/index.php?page=author"){

}
```

```
getViaAjax("showAuthorInformation",showAuthorInformation);

function showAuthorInformation(jsonData){

let writingAuthorInformation = "";

jsonData.forEach((pieceOfInformation,key)=>{

if(pieceOfInformation.pieceOfInformationValue ==null){

let data = {

    pieceOfInformationId : pieceOfInformation.pieceOfInformationId

};

}});
```

```
syncGetViaAjax("showAuthorInformation2",sho
wAuthorInformation2,data);

    function

showAuthorInformation2(jsonData2){

jsonData2.forEach((pieceOfInformation2,key2,j
sonData2)=>{

    if(key2==0){

        writingAuthorInformation+=`  

<tr class="${parseInt(key)%2==0 ?  

"lightYellowBackgroundColor blackColor" :
"blackBackgroundColor lightYellowColor"}>  

<td class="p-3"  

rowspan="${jsonData2.length}"><h4>${pieceOf  

Information.pieceOfInformationLabel}:</h4></t  

d>
```

```
<td class="float-right p-  
3"><h4>${pieceOfInformation2.pieceOfInformation2Value}</h4></td>  
  
</tr>`;  
  
}  
  
else {  
  
    writingAuthorInformation+=`  
  
        <tr class="${parseInt(key)%2==0 ?  
"lightYellowBackgroundColor blackColor" :  
"blackBackgroundColor lightYellowColor"}>  
  
            <td class="float-right p-  
3"><h4>${pieceOfInformation2.pieceOfInformation2Value}</h4></td>  
  
</tr>`;  
  
}  
});
```

```
    }

}

else {

    writingAuthorInformation+=`  

        <tr class="${parseInt(key)%2==0 ?  

"lightYellowBackgroundColor blackColor" :  

"blackBackgroundColor lightYellowColor"}>  

        <td class="p-  

3"><h4>${pieceOfInformation.pieceOfInformationLabel}</h4></td>  

        <td class="float-right p-  

3"><h4>${pieceOfInformation.pieceOfInformationValue}</h4></td>  

    </tr>`;  

}  

});
```

```
        $("#authorInformation").html(writingAuthorInformation);

    }

}

if(window.location=="http://127.0.0.1/MarkoStojanovicVinport/index.php?page=dashboard"){

    $('#crudReports').tooltip();

    $('#crudUsers').tooltip();

    $('#statistics').tooltip();

}

if(window.location=="http://127.0.0.1/MarkoStojanovicVinport/index.php?page=crudUsers"){

    getViaAjax("showUsers",showUsers);

    function showUsers(jsonData){
```

```
let writingUsers = "<thead><th class='p-3  
text-center'><h3  
class='blackColor'>Username</h3></th><th  
class='p-3 text-center'><h3  
class='blackColor'>Change</h3></th><th  
class='p-3 text-center'><h3  
class='blackColor'>Delete</h3></th></thead><  
tbody>";  
  
let writingUserModals = "";  
  
jsonData.forEach((user,key)=>{  
  
    writingUsers+=`  
  
        <tr>  
  
            <td class="shadow p-3  
${parseInt(key)%2==0 ?  
"lightYellowBackgroundColor blackColor" :  
"blackBackgroundColor  
lightYellowColor"}>${user.username}</td>
```

```
<td><button type="button" class="p-3 btn  
btn-secondary w-100 blackBackgroundColor  
lightYellowColor" data-id="${user.userId}" data-  
toggle="modal" data-  
target="#user${user.userId}ChangingModal"><s  
pan class="bi bi-pencil-  
square"></span></button></td>  
  
<td><button type="button" class="p-3 btn  
btn-secondary trashCan w-100  
blackBackgroundColorWithoutImportant  
lightYellowColor" data-toggle="tooltip" data-  
placement="top" title="If you want to delete  
this user, click on trash can bellow to put in the  
line to delete. Red button means that user is in  
the to delete." data-id="${user.userId}"><span  
class="bi bi-trash-fill"></span></button></td>  
  
</tr>';  
  
writingUserModals+=`
```

```
<div class="modal fade"
id="user${user.userId}ChangingModal" data-
backdrop="static" data-keyboard="false"
tabindex="-1" aria-
labelledby="staticBackdropLabel" aria-
hidden="true">

    <div class="modal-dialog modal-dialog-
scrollable modal-lg">

        <div class="modal-content
lightYellowBackgroundColor">

            <div class="modal-header shadow">

                <h4 class="modal-title blackColor"
id="staticBackdropLabel">${user.username}</h
4>

                <button type="button" class="close
blackColor" data-dismiss="modal" aria-
label="Close">
```

```
<span aria-
hidden="true">&times;</span>

</button>

</div>

<div class="modal-body p-3 d-flex flex-
column">

<form>

    <div class="form-row">

        <label class="blackColor w-50"
for="user${user.userId}firstName"><h5
class='blackColor'>First name: </h5></label>

        <div class="form-group w-50">

            <input type="text" class="form-
control blackBackgroundColor
lightYellowColor"
```

```
    id="user${user.userId}FirstName"
    value="${user.firstName}">

        <small
            id="user${user.userId}FirstNameNote"
            class="form-text text-center"></small>

    </div>

</div>

<div class="form-row">

    <label class="blackColor w-50"
for="user${user.userId}LastName"><h5
class='blackColor'>Last name: </h5></label>

    <div class="form-group w-50">

        <input type="text" class="form-
control blackBackgroundColor
lightYellowColor" value="${user.lastName}"
id="user${user.userId}LastName"/>
```

```
<small  
id="user${user.userId}LastNameNote"  
class="form-text text-center"></small>  
  
</div>  
  
</div>  
  
<div class="form-row">  
  
    <label class="blackColor w-50"  
for="user${user.userId}EmailAddress"><h5  
class='blackColor'>Email address: </h5></label>  
  
    <div class="form-group w-50">  
  
        <input type="text" class="form-  
control blackBackgroundColor  
lightYellowColor" value="${user.emailAddress}"  
id="user${user.userId}EmailAddress"/>  
  
        <small  
id="user${user.userId}EmailAddressNote"  
class="form-text text-center"></small>
```

```
</div>

</div>

<div class="form-row">
    <label class="blackColor w-50"
for="user${user.userId}Username"><h5
class='blackColor'>Username: </h5></label>

    <div class="form-group w-50">
        <input type="text" class="form-
control blackBackgroundColor
lightYellowColor" value="${user.username}"
id="user${user.userId}Username"/>

        <small
id="user${user.userId}UsernameNote"
class="form-text text-center"></small>

    </div>

</div>
```

```
<div class="form-row">

    <label class="blackColor w-50"
for="user${user.userId}Password"><h5
class='blackColor'>Password: </h5></label>

    <div class="form-group w-50">

        <input type="password"
class="form-control blackBackgroundColor
lightYellowColor" value="${user.password}"
id="user${user.userId}Password"/>

        <small
id="user${user.userId}PasswordNote"
class="form-text text-center"></small>

    </div>

</div>

<div class="form-row">
```

```
<label class="blackColor w-50"
for="user${user.userId}Role"><h5
class='blackColor'>Role: </h5></label>

<div class="form-group w-50">

    <input type="text" class="form-
control blackBackgroundColor
lightYellowColor" value="${user.roleName}"
id="user${user.userId}Role"/>

    <small
id="user${user.userId}RoleNote" class="form-
text text-center"></small>

</div>

</div>

<div class="form-row">

    <label class="blackColor w-50"
for="user${user.userId}Locked"><h5
class='blackColor'>Locked: </h5></label>
```

```
<div class="form-group w-50">

    <input type="text" class="form-
control blackColor
lightYellowColor" value="${user.locked==null ?
"No" : "Yes" }" id="user${user.userId}Locked"/>

    <small
id="user${user.userId}LockedNote"
class="form-text text-center"></small>

</div>

</div>

</form>

</div>

<div class="modal-footer">

    <button type="button" class="btn
btn-secondary w-100 blackColor
```

```
lightYellowColor changeUser" data-
id="${user.userId}">Change user!</button>

        </div>

        </div>

    </div>

    </div>

`;

});

writingUsers+="|  |  |
| --- | --- |
|  | |

```

```
id='deleteUsers'>Delete
users</button></td></tr></tfoot>";
$("#users").html(writingUsers);
writingUserModals+=`  

<div class="modal fade" id="newUser" data-
backdrop="static" data-keyboard="false"
tabindex="-1" aria-
labelledby="staticBackdropLabel" aria-
hidden="true">
<div class="modal-dialog modal-dialog-
scrollable modal-lg">
<div class="modal-content
lightYellowBackgroundColor">
<div class="modal-header shadow">
<h4 class="modal-title blackColor"
id="staticBackdropLabel">New user</h4>
```

```
<button type="button" class="close
blackColor" data-dismiss="modal" aria-
label="Close">

    <span aria-
hidden="true">&times;</span>

</button>

</div>

<div class="modal-body p-3 d-flex flex-
column">

    <form>

        <div class="form-row">

            <label class="blackColor w-50"
for="newUserFirstName"><h5
class='blackColor'>First name: </h5></label>

            <div class="form-group w-50">
```

```
    <input type="text" class="form-
control blackBackgroundColor
lightYellowColor" id="newUserFirstName"/>

    <small id="newUserFirstNameNote"
class="form-text text-center"></small>

</div>

</div>

<div class="form-row">

    <label class="blackColor w-50"
for="newUserLastName"><h5
class='blackColor'>Last name: </h5></label>

    <div class="form-group w-50">

        <input type="text" class="form-
control blackBackgroundColor
lightYellowColor" id="newUserLastName"/>
```

```
<small id="newUserLastNameNote"
class="form-text text-center"></small>

</div>

</div>

<div class="form-row">

    <label class="blackColor w-50"
for="newUserEmailAddress"><h5
class='blackColor'>Email address: </h5></label>

    <div class="form-group w-50">

        <input type="text" class="form-
control blackBackgroundColor
lightYellowColor" id="newUserEmailAddress"/>

        <small
id="newUserEmailAddressNote" class="form-
text text-center"></small>

    </div>
```

```
</div>

<div class="form-row">

    <label class="blackColor w-50"
for="newUserUsername"><h5
class='blackColor'>Username: </h5></label>

    <div class="form-group w-50">

        <input type="text" class="form-
control blackBackgroundColor
lightYellowColor" id="newUserUsername"/>

        <small id="newUserUsernameNote"
class="form-text text-center"></small>

    </div>

</div>

<div class="form-row">
```

```
<label class="blackColor w-50"  
for="newUserPassword"><h5  
class='blackColor'>Password: </h5></label>  
  
<div class="form-group w-50">  
  
    <input type="password" class="form-  
control blackBackgroundColor  
lightYellowColor" id="newUserPassword"/>  
  
    <small id="newUserPasswordNote"  
class="form-text text-center"></small>  
  
    </div>  
  
</div>  
  
<div class="form-row">  
  
    <label class="blackColor w-50"  
for="newUserRole"><h5  
class='blackColor'>Role: </h5></label>  
  
    <div class="form-group w-50">
```

```
        <input type="text" class="form-control blackBackgroundColor lightYellowColor" id="newUserRole"/>

        <small id="newUserRoleNote"
class="form-text text-center"></small>

    </div>

</div>

</form>

</div>

<div class="modal-footer">

    <button type="button" id="addingUser"
class="btn btn-secondary w-100
blackBackgroundColor lightYellowColor">Add
an user!</button>

    </div>

</div>
```

```
</div>

</div>

';

$("#userModals").html(writingUserModals);

$('.trashCan').tooltip();

$(".trashCan").click(function() {

$(this).toggleClass('bg-danger');

});

$("#deleteUsers").click(function(){

let usersToDelete = $(".trashCan.bg-
danger");

if(usersToDelete.length!=0){

let usersToDeleteArray =
Array.from(usersToDelete);

let userLineToDelete = [];
```

```
usersToDeleteArray.forEach(user=>{  
  
    userLineToDelete.push(user.getAttribute('data-  
id'));  
  
});  
  
let userLineToDeleteString =  
userLineToDelete.join(",");  
  
let data = {  
  
    userLineToDeleteString :  
userLineToDeleteString  
  
}  
  
postViaAjax("deletingUsers",deletingUsers,data  
);  
  
}  
  
else {
```

```
    alert("You have not put any users in the  
line to delete!");  
  
}  
  
});  
  
$("#addingUser").click(function(){  
  
    let firstName =  
    $("#newUserFirstName").val();  
  
    let lastName =  
    $("#newUserLastName").val();  
  
    let emailAddress =  
    $("#newUserEmailAddress").val();  
  
    let username =  
    $("#newUserUsername").val();  
  
    let password =  
    $("#newUserPassword").val();  
  
    let role = $("#newUserRole").val();
```

```
let credentialPattern = /^(?=.*[a-z])(?=.*[A-Z])(?=.*[0-9]).{8,50}$/;

let namePattern = /^[A-ZČĆŽŠĐ][A-
zČĆŽŠĐčćžđ']+([ ][A-ZČĆŽŠĐ][A-
zČĆŽŠĐčćžđ']+)*$/;

let emailAddressPattern = /^(?=.{6,30}@)[0-
9a-z]+(?:\.[0-9a-z]+)*@[a-zA-Z]{2,}(?:\.[a-
z]{2,})+$/;

let errorCounter = 0;

if(firstName!=""){

    if(namePattern.test(firstName)){

        $("#newUserFirstNameNote").html("You
have filled in this field properly!");

        $("#newUserFirstNameNote").removeClass("te
xt-danger");
    }
}
```

```
$("#newUserFirstNameNote").addClass("text-success");

}

else {

    errorCounter++;

    $("#newUserFirstNameNote").html("You
have not fill in this field properly. Example: Al
McKay");

$("#newUserFirstNameNote").removeClass("te
xt-success");

}

$("#newUserFirstNameNote").addClass("text-
danger");
```

```
    }

    else {

        errorCounter++;

        $("#newUserFirstNameNote").html("This
field must not be left blank!");

        $("#newUserFirstNameNote").removeClass("te
xt-success");

        $("#newUserFirstNameNote").addClass("text-
danger");

    }

    if(lastName!=""){

        if(namePattern.test(lastName)){

            $("#newUserLastNameNote").html("You
have filled in this field properly!");

        }

    }

}
```

```
$("#newUserLastNameNote").removeClass("text-danger");
```

```
$("#newUserLastNameNote").addClass("text-success");
```

```
}
```

```
else {
```

```
    errorCounter++;
```

```
    $("#newUserLastNameNote").html("You  
have not fill in this field properly. Example:  
O'Bryant Junior");
```

```
$("#newUserLastNameNote").removeClass("text-success");
```

```
        $("#newUserLastNameNote").addClass("text-danger");  
  
    }  
  
}  
  
else {  
  
    errorCounter++;  
  
    $("#newUserLastNameNote").html("This  
field must not be left blank!");  
  
  
  
    $("#newUserLastNameNote").removeClass("tex  
t-success");  
  
  
  
    $("#newUserLastNameNote").addClass("textdanger");  
  
}
```

```
if (emailAddress != "") {  
    if  
(emailAddressPattern.test(emailAddress)) {  
  
    }  
    $("#newUserEmailAddressNote").html("You  
have filled in this field properly!");  
  
    $("#newUserEmailAddressNote").removeClass(  
    "text-danger");  
  
    $("#newUserEmailAddressNote").addClass("tex  
t-success");  
}  
else {  
    errorCounter++;
```

```
$("#newUserEmailAddressNote").html("You  
have not fill in this field properly. Example:  
1james.caa1n@3mail.co.us");
```

```
$("#newUserEmailAddressNote").removeClass(  
"text-success");
```

```
$("#newUserEmailAddressNote").addClass("tex  
t-danger");
```

```
}
```

```
}
```

```
else {
```

```
    errorCounter++;
```

```
$("#newUserEmailAddressNote").html("This  
field must not be left blank!");
```

```
$("#newUserEmailAddressNote").removeClass("text-success");

$("#newUserEmailAddressNote").addClass("text-danger");

}

if (username != "") {
    if (credentialPattern.test(username)) {
        $("#newUserUsernameNote").html("You
have filled in this field properly!");

        $("#newUserUsernameNote").removeClass("text-danger");

        $("#newUserUsernameNote").addClass("text-success");
```

```
}

else {

    errorCounter++;

    $("#newUserUsernameNote").html("You
have not fill in this field properly. Example:
s15iNatra");

$("#newUserUsernameNote").removeClass("te
xt-success");

$("#newUserUsernameNote").addClass("text-
danger");

}

else {

    errorCounter++;


```

```
        $("#newUserUsernameNote").html("This  
field must not be left blank!");  
  
        $("#newUserUsernameNote").removeClass("te  
xt-success");  
  
        $("#newUserUsernameNote").addClass("text-  
danger");  
    }  
  
    if (password != "") {  
        $("#newUserPasswordNote").html("You  
have filled in this field properly!");  
  
        $("#newUserPasswordNote").removeClass("tex  
t-danger");
```

```
        $("#newUserPasswordNote").addClass("text-success");

    }

else {

    errorCounter++;

    $("#newUserPasswordNote").html("This
field must not be left blank!");

}

$("#newUserPasswordNote").removeClass("tex
t-success");

$("#newUserPasswordNote").addClass("text-
danger");

}

if(role!=""){


```

```
    $("#newUserRoleNote").html("You have  
filled in this field properly!");
```

```
    $("#newUserRoleNote").removeClass("text-  
danger");
```

```
    $("#newUserRoleNote").addClass("text-  
success");
```

```
}
```

```
else {
```

```
    errorCounter++;
```

```
    $("#newUserRoleNote").html("This field  
must not be left blank!");
```

```
    $("#newUserRoleNote").removeClass("text-  
success");
```

```
$("#newUserRoleNote").addClass("text-
danger");

}

if(errorCounter==0){

let data = {

    firstName : firstName,
    lastName : lastName,
    emailAddress : emailAddress,
    username : username,
    password : password,
    role : role

}

postViaAjax('addingUser',addingUser,data);

});
```

```
$(".changeUser").click(function(){

    let userId = $(this).data('id');

    let firstName =
$("#user"+userId+"FirstName").val();

    let lastName =
$("#user"+userId+"LastName").val();

    let emailAddress =
$("#user"+userId+"EmailAddress").val();

    let username =
$("#user"+userId+"Username").val();

    let password =
$("#user"+userId+"Password").val();

    let role = $("#user"+userId+"Role").val();

    let locked =
$("#user"+userId+"Locked").val();
```

```
let credentialPattern = /^(?=.*[a-z])(?=.*[A-Z])(?=.*[0-9]).{8,50}$/;

let namePattern = /^[A-ZĆĆŽŠĐ][A-
zĆĆŽŠĐććžđ']+([ ][A-ZĆĆŽŠĐ][A-
zĆĆŽŠĐććžđ']+)*$/;

let emailAddressPattern = /^(?=.{6,30}@)[0-
9a-z]+(?:\.[0-9a-z]+)*@[a-zA-Z]{2,}(?:\.[a-
z]{2,})+$/;

let errorCounter = 0;

if(firstName!=""){

    if(namePattern.test(firstName)){

        $("#" + userId + "FirstNameNote").html("You
        have filled in this field properly!");

        $("#" + userId + "FirstNameNote").removeClass("text-danger");
    }
}
```

```
$("#user"+userId+"FirstNameNote").addClass("text-success");
```

```
}
```

```
else {
```

```
    errorCounter++;
```

```
$("#user"+userId+"FirstNameNote").html("You  
have not fill in this field properly. Example: Al  
McKay");
```

```
$("#user"+userId+"FirstNameNote").removeClass("text-success");
```

```
$("#user"+userId+"FirstNameNote").addClass("text-danger");
```

```
}
```

```
}

else {

    errorCounter++;


```

```
$("#user"+userId+"FirstNameNote").html("This
field must not be left blank!");



```

```
$("#user"+userId+"FirstNameNote").removeClass(
    "text-success");



```

```
$("#user"+userId+"FirstNameNote").addClass(
    "text-danger");



```

```
}

if(lastName!=""){

    if(namePattern.test(lastName))




```

```
$("#user"+userId+"LastNameNote").html("You  
have filled in this field properly!");
```

```
$("#user"+userId+"LastNameNote").removeClass("text-danger");
```

```
$("#user"+userId+"LastNameNote").addClass("t  
ext-success");
```

```
}
```

```
else {
```

```
    errorCounter++;
```

```
$("#user"+userId+"LastNameNote").html("You  
have not fill in this field properly. Example:  
O'Bryant Junior");
```

```
$("#user"+userId+"LastNameNote").removeClass("text-success");

$("#user"+userId+"LastNameNote").addClass("text-danger");

}

else {

    errorCounter++;

}

$("#user"+userId+"LastNameNote").html("This
field must not be left blank!");

$("#user"+userId+"LastNameNote").removeClass("text-success");
```

```
$("#user"+userId+"LastNameNote").addClass("text-danger");

}

if (emailAddress != "") {

    if

(emailAddressPattern.test(emailAddress)) {

    $("#user"+userId+"EmailAddressNote").html("Y
ou have filled in this field properly!");

    $("#user"+userId+"EmailAddressNote").remove
Class("text-danger");

    $("#user"+userId+"EmailAddressNote").addClas
s("text-success");

}
```

```
else {
```

```
    errorCounter++;
```

```
$("#user"+userId+"EmailAddressNote").html("Y  
ou have not fill in this field properly. Example:  
1james.caa1n@3mail.co.us");
```

```
$("#user"+userId+"EmailAddressNote").remove  
Class("text-success");
```

```
$("#user"+userId+"EmailAddressNote").addClas  
s("text-danger");
```

```
}
```

```
}
```

```
else {
```

```
    errorCounter++;
```

```
$("#user"+userId+"EmailAddressNote").html("This field must not be left blank!");
```

```
$("#user"+userId+"EmailAddressNote").removeClass("text-success");
```

```
$("#user"+userId+"EmailAddressNote").addClass("text-danger");
```

```
}
```

```
if (username != "") {
```

```
    if (credentialPattern.test(username)) {
```

```
    $("#user"+userId+"UsernameNote").html("You have filled in this field properly!");
```

```
$("#user"+userId+"UsernameNote").removeClass("text-danger");
```

```
$("#user"+userId+"UsernameNote").addClass("text-success");
```

```
}
```

```
else {
```

```
    errorCounter++;
```

```
$("#user"+userId+"UsernameNote").html("You  
have not fill in this field properly. Example:  
s15iNatra");
```

```
$("#user"+userId+"UsernameNote").removeClass("text-success");
```

```
$("#user"+userId+"UsernameNote").addClass("text-danger");  
}  
}  
else {  
    errorCounter++;  
  
    $("#user"+userId+"UsernameNote").html("This  
field must not be left blank!");  
  
    $("#user"+userId+"UsernameNote").removeClass("text-success");  
  
    $("#user"+userId+"UsernameNote").addClass("text-danger");
```

```
}
```

```
if (password != "") {
```

```
$("#user"+userId+"PasswordNote").html("You  
have filled in this field properly!");
```

```
$("#user"+userId+"PasswordNote").removeClas  
s("text-danger");
```

```
$("#user"+userId+"PasswordNote").addClass("t  
ext-success");
```

```
}
```

```
else {
```

```
    errorCounter++;
```

```
$("#user"+userId+"PasswordNote").html("This  
field must not be left blank!");
```

```
$("#user"+userId+"PasswordNote").removeClas  
s("text-success");
```

```
$("#user"+userId+"PasswordNote").addClass("t  
ext-danger");
```

```
}
```

```
if(role!=""){
```

```
    $("#user"+userId+"RoleNote").html("You  
have filled in this field properly!");
```

```
    $("#user"+userId+"RoleNote").removeClass("te  
xt-danger");
```

```
$("#user"+userId+"RoleNote").addClass("text-success");

}

else {

    errorCounter++;

    $("#user"+userId+"RoleNote").html("This
field must not be left blank!");



$("#user"+userId+"RoleNote").removeClass("te
xt-success");

$("#user"+userId+"RoleNote").addClass("text-
danger");

}

if(locked!=""){


```

```
if(locked=="Yes"){

    locked = "1"

    }

    $("#user"+userId+"LockedNote").html("You
have filled in this field properly!");

    $("#user"+userId+"LockedNote").removeClass("
text-danger");

    $("#user"+userId+"LockedNote").addClass("text
-success");

}

else if(locked=="No"){

    locked= "";

}
```

```
$("#user"+userId+"LockedNote").html("You  
have filled in this field properly!");  
  
$("#user"+userId+"LockedNote").removeClass("text-danger");  
  
$("#user"+userId+"LockedNote").addClass("text  
-success");  
  
}  
  
else {  
    errorCounter++;  
  
    $("#user"+userId+"LockedNote").html("You  
have not fill in this field properly. Example:  
No");
```

```
$("#user"+userId+"LockedNote").removeClass("text-success");
```

```
$("#user"+userId+"LockedNote").addClass("text-danger");
```

```
}
```

```
}
```

```
else {
```

```
    errorCounter++;
```

```
$("#user"+userId+"LockedNote").html("This  
field must not be left blank!");
```

```
$("#user"+userId+"LockedNote").removeClass("text-success");
```

```
$("#user"+userId+"LockedNote").addClass("text  
-danger");  
  
}  
  
if(errorCounter==0){  
  
let data = {  
  
    userId : userId,  
  
    firstName : firstName,  
  
    lastName : lastName,  
  
    emailAddress : emailAddress,  
  
    username : username,  
  
    password : password,  
  
    role : role,  
  
    locked : locked  
  
}
```

```
postViaAjax('changingUser',changingUser,data);

}

});

}

function changingUser(jsonData){

if(!Array.isArray(jsonData.message)){

alert(jsonData.message);

}

else {

for(let i=0;i<jsonData.message.length;i++){

alert(jsonData.message[i]);

}

}
```

```
if(jsonData.message=="You have changed an
user successfully!"){
    window.location.href="index.php?page=crudUs
ers";
}

function addingUser(jsonData){
    if(!Array.isArray(jsonData.message)){
        alert(jsonData.message);
    }
    else {
        for(let i=0;i<jsonData.message.length;i++){
            alert(jsonData.message[i]);
        }
    }
}
```

```
}

if(jsonData.message=="You have added an
user successfully!"){
    window.location.href="index.php?page=crudUs
ers";
}

function deletingUsers(jsonData){
    alert(jsonData.message);

    if(jsonData.message=="You have deleted
users successfully!"){
        window.location.href="index.php?page=crudUs
ers";
    }
}
```

}

}

○ config/.env

SERVER=localhost

DATABASE=vinportdatabase

USERNAME=root

PASSWORD=

○ config/config.php

```
<?php
define("SERVER", env("SERVER"));
define("DATABASE", env("DATABASE"));
define("USERNAME", env("USERNAME"));
define("PASSWORD", env("PASSWORD"));
function env($flag){
    $envFileData = file("http://127.0.0.1/MarkoStojanovicVinport/config/.env"
,FILE_IGNORE_NEW_LINES | FILE_SKIP_EMPTY_LINES);
    $flagValue = "";
    foreach($envFileData as $pieceOfEnvFileData){
        list($key, $value) = explode("=", $pieceOfEnvFileData);
        if($key == $flag){
            $flagValue = $value;
        }
    }
    return $flagValue;
}
?>
```

○ config/conn.php

```
<?php
    include "config.php";
    try {
        $conn = new PDO("mysql:host=".SERVER.";dbname=".DATABASE.";charset=utf8",
        USERNAME, PASSWORD);

        $conn->setAttribute(PDO::ATTR_DEFAULT_FETCH_MODE, PDO::FETCH_OBJ);

        $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
        $conn->setAttribute( PDO::ATTR_EMULATE_PREPARES, false );
    }
    catch(PDOException $exception){
        echo $exception->getMessage();
    }
?>
```

○ models/addingUser.php

```
<?php
header("Content-type: application/json");
if($_SERVER['REQUEST_METHOD'] == 'POST'){
    include "../config/conn.php";
    include "functions.php";
    try{
        $firstName = $_POST['firstName'];
        $lastName = $_POST['lastName'];
        $emailAddress = $_POST['emailAddress'];
        $username = $_POST['username'];
        $password = $_POST['password'];
        $role = $_POST['role'];
        $errors = [];
        if($firstName == ""){
            $errors[]="The field for the first name must not be left blank!";
        }
        else if(!preg_match("/^([A-ZČĆŽĐ][A-zČĆŽĐčćžđ]+([ ][A-ZČĆŽĐ][A-zČĆŽĐčćžđ]+)*$/",$firstName)){
            $errors[]="You have not filled the field for the first name properly. Example: Al McKay";
        }
        if($lastName == ""){
            $errors[]="The field for the last name must not be left blank!";
        }
        else if(!preg_match("/^([A-ZČĆŽĐ][A-zČĆŽĐčćžđ]+([ ][A-ZČĆŽĐ][A-zČĆŽĐčćžđ]+)*$/",$lastName)){
            $errors[]="You have not filled the field for the last name properly. Example: O'Bryant Junior";
        }
        if($emailAddress == ""){
            $errors[]="The field for the email address must not be left blank!";
        }
        else if(!preg_match("/^(?=.{6,30}@)[0-9a-zA-Z]+(?:\.[0-9a-zA-Z]+)*@[a-zA-Z]{2,}(?:\.[a-zA-Z]{2,})+$/", $emailAddress)){
            $errors[]="You have not filled the field for the email address properly. Example: 1james.caa1n@3mail.co.us";
        }
        if($username == ""){
            $errors[]="The field for the username must not be left blank!";
        }
    }
}
```

```

        else if(!preg_match("/^(?=.*[a-z])(?=.*[A-Z])(?=.*[\0-\9]).{8,50}$/, $username)){
            $errors[] = "You have not filled the field for the user name properly. Example: s15iNatra";
        }
        if($password == ""){
            $errors[] = "The field for the password must not be left blank!";
        }
        if($role == ""){
            $errors[] = "The field for the role must not be left blank!";
        }
        if(count($errors) == 0){
            $roleExists = roleExists($role);
            if(!$roleExists){
                $addingRole = addingRole($role);
            }
            $roleId = getRoleId($role)->id;
            $addingUser = insertUser($firstName, $lastName, $emailAddress, $userName, $password, $roleId);
            $response = [ "message" => "You have added an user successfully!" ];
            echo json_encode($response);
            http_response_code(200);
        }
        else {
            $response = [ "message" => $errors ];
            echo json_encode($response);
            http_response_code(200);
        }
    }
    catch(PDOException $exception){
        http_response_code(500);
    }
}
else{
    http_response_code(404);
}
?>
```

○ models/changingPassword.php

```
<?php
header("Content-type: application/json");
if($_SERVER['REQUEST_METHOD'] == 'POST'){
    include "../config/conn.php";
    include "functions.php";
    try{
        $username = $_POST['username'];
        $newPassword = $_POST['newPassword'];
        $encodedNewPassword = md5($newPassword);
        changingPassword($username,$encodedNewPassword);
        $response = [ "message"=>"You have successfully changed your password!";
    ];
        echo json_encode($response);
        http_response_code(200);
    }
    catch(PDOException $exception){
        http_response_code(500);
    }
}
else{
    http_response_code(404);
}
?>
```

○ changingReport.php

```
<?php
    header("Content-type: application/json");
    if($_SERVER['REQUEST_METHOD'] == 'POST'){
        include "../config/conn.php";
        include "functions.php";
        try{
            $response = [];
            $errors = [];
            $reportId = $_POST['reportId'];
            $title = $_POST['title'];
            $carName = $_POST['carName'];
            $size = $_POST['size'];
            $manufacturer = $_POST['manufacturer'];
            $country = $_POST['country'];
            $epoch = $_POST['epoch'];
            $reportKernel = $_POST['reportKernel'];
            $commentLineToDelete = null;
            if(!empty($_POST['commentLineToDeleteString'])){
                $commentLineToDelete = explode(", ", $_POST['commentLineToDeleteString']);
            }
            if($title==""){
                $errors[]="The field for the title must not be left blank!";
            }
            if($carName==""){
                $errors[]="The field for the car name must not be left blank!";
            }
            if($size==""){
                $errors[]="The field for the size must not be left blank!";
            }
            if($manufacturer==""){
                $errors[]="The field for the manufacturer must not be left blank!";
            }
            if($country==""){
                $errors[]="The field for the country must not be left blank!";
            }
            if($epoch==""){
                $errors[]="The field for the epoch must not be left blank!";
            }
            if($reportKernel==""){

```

```

$errors[]="The field for the report kernel must not be left blank
!";
}

if(isset($_FILES['carImage'])){
    $carImage = $_FILES['carImage'];
    $carImageName = time()."Changing".$carImage['name'];
    $carImagePath = "../assets/img/".$carImageName;
    $carImageTmpName = $carImage['tmp_name'];
    $carImageMimeType = mime_content_type($carImageTmpName);
    if($carImageMimeType=="image/jpeg"){
        if($carImage["size"] >= 32000) {
            $errors[]="Your image is too large. Upload only an image
up to 32KB.";
        }
        else {
            move_uploaded_file($carImageTmpName,$carImagePath);
            $carImageSize = getimagesize($carImagePath);
            $carImageWidth = $carImageSize[0];
            $carImageHeight = $carImageSize[1];
            $carThumbImageWidth = 510;
            $carThumbImageHeight = $carImageHeight/($carImageWidth/$c
arThumbImageWidth);
            $carImageResource = imagecreatefromjpeg($carImagePath);
            $carThumbImageCanvas = imagecreatetruecolor($carThumbImag
ewidth,$carThumbImageHeight);
            imagecopyresampled($carThumbImageCanvas,$carImageResource
,0,0,0,0,$carThumbImageWidth,$carThumbImageHeight,$carImageWidth,$carImageHeight)
;
            $carThumbImageName = time()."ChangingThumb".$carImage['na
me'];
            $carThumbImagePath="../assets/img/".$carThumbImageName;
            imagejpeg($carThumbImageCanvas,$carThumbImagePath);
        }
    }
    else {
        $errors[]="You have not uploaded allowed type of file. Upload
only a JPEG image.";
    }
}
else {
    $carImageName=findReport($reportId)->carImage;
    $carThumbImageName=findReport($reportId)->carThumbImage;
}
if(count($errors)==0){
    $sizeExists = sizeExists($size);
}

```

```

$manufacturerExists = manufacturerExists($manufacturer);
$countryExists = countryExists($country);
$epochExists = epochExists($epoch);
if(!$sizeExists){
    $addingSize = addingSize($size);
}
$sizeId = getSizeId($size)->id;
if(!$manufacturerExists){
    $addingManufacturer = addingManufacturer($manufacturer);
}
$manufacturerId = getManufacturerId($manufacturer)->id;
if(!$countryExists){
    $addingCountry = addingCountry($country);
}
$countryId = getCountryId($country)->id;
if(!$epochExists){
    $addingEpoch = addingEpoch($epoch);
}
$epochId = getEpochId($epoch)->id;
changingReport($reportId,$title,$carName,$carImageName,$carThumbI
mageName,$sizeId,$manufacturerId,$countryId,$epochId,$reportKernel);
if($commentLineToDelete!=null){
    deletingComments($reportId,$commentLineToDelete);
}
$response = [ "message"=>"You have changed a report successfully!";
];
echo json_encode($response);
http_response_code(200);
}
else {
    $response = [ "message"=>$errors];
    echo json_encode($response);
    http_response_code(200);
}
}
catch(PDOException $exception){
    http_response_code(500);
}
}
else{
    http_response_code(404);
}
?>
```

○ models/changingUser.php

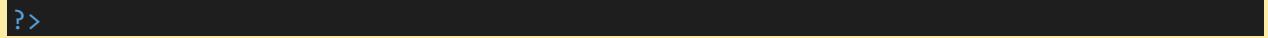
```
<?php
header("Content-type: application/json");
if($_SERVER['REQUEST_METHOD'] == 'POST'){
    include "../config/conn.php";
    include "functions.php";
    try{
        $userId = $_POST['userId'];
        $firstName = $_POST['firstName'];
        $lastName = $_POST['lastName'];
        $emailAddress = $_POST['emailAddress'];
        $username = $_POST['username'];
        $password = $_POST['password'];
        $role = $_POST['role'];
        $locked = null;
        if(!empty($_POST['locked'])){
            $locked = $_POST['locked'];
        }
        $errors = [];
        if($firstName == ""){
            $errors[]="The field for the first name must not be left blank!";
        }
        else if(!preg_match("/^([A-ZČĆŽĐ][a-z]+)([ ]([A-ZČĆŽĐ][a-z]+)([ ]([A-ZČĆŽĐ][a-z]+)*$/",$firstName)){
            $errors[]="You have not filled the field for the first name properly. Example: Al McKay";
        }
        if($lastName == ""){
            $errors[]="The field for the last name must not be left blank!";
        }
        else if(!preg_match("/^([A-ZČĆŽĐ][a-z]+)([ ]([A-ZČĆŽĐ][a-z]+)([ ]([A-ZČĆŽĐ][a-z]+)*$/",$lastName)){
            $errors[]="You have not filled the field for the last name properly. Example: O'Bryant Junior";
        }
        if($emailAddress == ""){
            $errors[]="The field for the email address must not be left blank!";
        }
        else if(!preg_match("/^(?=.{6,30}@)[0-9a-z]+(?:\.[0-9a-z]+)*@[a-z0-9]{2,}(?:\.[a-z]{2,})+$/", $emailAddress)){
            $errors[]="You have not filled the field for the email address properly. Example: 1james.caa1n@3mail.co.us";
        }
    }
}
```

```

        }
        if($username == ""){
            $errors[]="The field for the username must not be left blank!";
        }
        else if(!preg_match("/^(?=.*[a-z])(?=.*[A-Z])(?=.*[0-
9]).{8,50}$/, $username)){
            $errors[]="You have not filled the field for the user name proper-
ly. Example: s15iNatra";
        }
        if($password == ""){
            $errors[]="The field for the password must not be left blank!";
        }
        if($role == ""){
            $errors[]="The field for the role must not be left blank!";
        }
        if($locked != null && $locked != "1"){
            $errors[]="You have not filled the field for the locked properly.
Example: No";
        }
        if(count($errors)==0){
            $roleExists = roleExists($role);
            if(!$roleExists){
                $addingRole = addingRole($role);
            }
            $roleId = getRoleId($role)->id;
            $changingUser = changingUser($userId,$firstName,$lastName,$emailA-
ddress,$username,$password,$roleId,$locked);
            $response = [ "message"=>"You have changed an user successfully!"]
;
            echo json_encode($response);
            http_response_code(200);
        }
        else {
            $response = [ "message"=>$errors];
            echo json_encode($response);
            http_response_code(200);
        }
    }
    catch(PDOException $exception){
        http_response_code(500);
    }
}
else{
    http_response_code(404);
}

```

?>



○ models/contributing.php

```
<?php
session_start();
header("Content-type: application/json");
if($_SERVER['REQUEST_METHOD'] == 'POST'){
    include "../config/conn.php";
    include "functions.php";
    try{
        $response = [];
        $errors = [];
        if(isset($_FILES['carImage'])){
            $carName = null;
            $carManufacturer = null;
            $carEpoch = null;
            if(!empty($_POST['carName'])){
                $carName = $_POST['carName'];
            }
            if(!empty($_POST['carManufacturer'])){
                $carManufacturer = $_POST['carManufacturer'];
            }
            if(!empty($_POST['carEpoch'])){
                $carEpoch = $_POST['carEpoch'];
            }
            $carImage = $_FILES['carImage'];
            $carImageName = time()."Contribution".$carImage['name'];
            $carImagePath = "../assets/img/".$carImageName;
            $carImageTmpName = $carImage['tmp_name'];
            $carImageMimeType = mime_content_type($carImageTmpName);
            if($carImageMimeType=="image/jpeg") {
                if($carImage["size"] >= 32000) {
                    $errors[]="Your image is too large. Upload only an image
up to 32KB.";
                }
            }
            else {
                $errors[]="You have not uploaded allowed type of file. Upload
only a JPEG image.";
            }
        }
        else {
            $errors[]="You have to upload image!";
        }
    }
}
```

```
    if(count($errors)==0){
        move_uploaded_file($carImageTmpName,$carImagePath);
        $userId = $_SESSION[ 'user' ]->id;
        contributing($carName,$carManufacturer,$carEpoch,$carImageName,$u
serId);
        $response = [ "message"=>"You have made a contribution successfull
y!"];
        echo json_encode($response);
        http_response_code(200);
    }
    else {
        $response = [ "message"=>$errors];
        echo json_encode($response);
        http_response_code(200);
    }
}
catch(PDOException $exception){
    http_response_code(500);
}
else{
    http_response_code(404);
}
?>
```

○ models/deletingReport.php

```
<?php
    header("Content-type: application/json");
    if($_SERVER['REQUEST_METHOD'] == 'POST'){
        include "../config/conn.php";
        include "functions.php";
        try{
            $reportId = $_POST['reportId'];
            $comments = showComments($reportId);
            if(count($comments)!=0){
                $commentIds = [];
                foreach($comments as $comment){
                    array_push($commentIds,$comment->commentId);
                }
                deletingComments($reportId,$commentIds);
            }
            deletingReport($reportId);
            $response = [ "message"=>"You have deleted a report successfully!"];
            echo json_encode($response);
            http_response_code(200);
        }
        catch(PDOException $exception){
            http_response_code(500);
        }
    }
    else{
        http_response_code(404);
    }
?>
```

○ models/deletingUsers.php

```
<?php
    header("Content-type: application/json");
    if($_SERVER['REQUEST_METHOD'] == 'POST'){
        include "../config/conn.php";
        include "functions.php";
        try{
            if(!empty($_POST['userLineToDeleteString'])){
                $userLineToDelete = explode(",",$_POST['userLineToDeleteString'])
;
                deletingUsers($userLineToDelete);
                $response = [ "message"=>"You have deleted users successfully!"];
                echo json_encode($response);
                http_response_code(200);
            }
            else {
                $response = [ "message"=>"You have not put any users in the line t
o delete!"];
                echo json_encode($response);
                http_response_code(200);
            }
        }
        catch(PDOException $exception){
            http_response_code(500);
        }
    }
    else{
        http_response_code(404);
    }
?>
```

○ models/exportReports.php

```
<?php
    if($_SERVER['REQUEST_METHOD'] == 'POST'){
        include "../config/conn.php";
        include "functions.php";
        header("Content-type: text/csv; charset=utf-8");
        header('Content-Disposition: attachment; filename=reports.csv');
        try{
            $reports = getReports();
            $excelFile = fopen("php://output", "w");
            fputcsv($excelFile, ['title', 'carName', 'sizeName', 'manufacturerName',
            'countryName', 'epochName', 'reportKernel']);
            foreach($reports as $report){
                fputcsv($excelFile, (array)$report);
            }
            fclose($excelFile);
            http_response_code(200);
        }
        catch(PDOException $exception){
            http_response_code(500);
        }
    }
    else{
        http_response_code(404);
    }
?>
```

- models/functions.php

```
<?php

define("OFFSET",4);

function findUser($username,$password){

    global $conn;

    $query = "SELECT * FROM users WHERE
username = ? AND password= ?;";

    $result = $conn->prepare($query);

    $result->execute([$username,
$password]);

    $response=$result->fetch();

    return $response;

}

function showMenuForStaffMember(){

    global $conn;
```

```
$signInId = 4;  
  
$signUpId = 5;  
  
$query = "SELECT id, href, label FROM  
menudata WHERE id!= ? AND id!= ?;";  
  
$result = $conn->prepare($query);  
  
$result->execute([$signInId, $signUpId]);  
  
$response=$result->fetchAll();  
  
return $response;  
  
}  
  
function  
showMenuForCommunityMember(){  
  
    global $conn;  
  
    $signInId = 4;  
  
    $signUpId = 5;  
  
    $dashboardId = 7;
```

```
$query = "SELECT id, href, label FROM  
menudata WHERE id!= ? AND id!= ? AND id!=  
?;";  
  
$result = $conn->prepare($query);  
  
$result->execute([$signInId, $signUpId,  
$dashboardId]);  
  
$response=$result->fetchAll();  
  
return $response;  
  
}  
  
function showMenuForNonSignedInUser(){  
  
global $conn;  
  
$signOutId = 6;  
  
$dashboardId = 7;  
  
$contributId = 9;
```

```
$query = "SELECT id, href, label FROM  
menudata WHERE id!= ? AND id!= ? AND id!=  
?;";  
  
$result = $conn->prepare($query);  
  
$result-  
>execute([$signOutId,$dashboardId,$contribut  
eId]);  
  
$response=$result->fetchAll();  
  
return $response;  
  
}  
  
function  
changingPassword($username,$newPassword){  
  
global $conn;  
  
$query = "UPDATE users SET password= ?  
WHERE username= ?;";  
  
$result = $conn->prepare($query);
```

```
$response = $result->execute([$newPassword,$username]);  
  
        return $response;  
  
    }  
  
function deletingSignInAttempts($userId){  
  
    global $conn;  
  
    $query = "DELETE FROM  
wrongsigninginattempts WHERE userId=?;";  
  
    $result = $conn->prepare($query);  
  
    $response = $result->execute([$userId]);  
  
    return $response;  
  
}  
  
function lockingUser($userId){  
  
    global $conn;  
  
    $locked = 1;
```

```
$query = "UPDATE users SET locked= ?  
WHERE id= ?;";  
  
$result = $conn->prepare($query);  
  
$response = $result->execute([$locked,$userId]);  
  
return $response;  
  
}  
  
function  
increaseNumberOfWrongSigningInAttempts($userId){  
  
global $conn;  
  
$query = "INSERT INTO  
wrongsigninginattempts(userId) VALUES(?);";  
  
$result = $conn->prepare($query);  
  
$response = $result->execute([$userId]);  
  
return $response;
```

```
}

function
getNumberOfWrongSignInAttemptsInTheLastFiveMinutes($dateAndTime,$userId){

    global $conn;

    $query = "SELECT COUNT(*) AS
numberOfWrongSignInAttemptsInTheLastFiveMinutes FROM wrongsigninginattempts
WHERE dateAndTime > ? AND userId = ?;";

    $result = $conn->prepare($query);

    $result->execute([$dateAndTime,$userId]);

    $response = $result->fetch();

    return $response;

}

function
changingReport($reportId,$title,$carName,$car
```

```
Image,$carThumblImage,$sizeId,$manufacturer
Id,$countryId,$epochId,$reportKernel){

    global $conn;

    $query = "UPDATE reports SET
title=?,carName=?,carImage=?,carThumblImage
=?,$sizeId=?,manufacturerId=?,countryId=?,epoc
hId=?,reportKernel=? WHERE reportId= ?;";

    $result = $conn->prepare($query);

    $response = $result-
>execute([$title,$carName,$carImage,$carThu
mblImage,$sizeId,$manufacturerId,$countryId,$
epochId,$reportKernel,$reportId]);

    return $response;

}

function
changingUser($userId,$firstName,$lastName,$
```

```
emailAddress,$username,$password,$roleId,$locked){  
  
    global $conn;  
  
    $query = "UPDATE users SET  
firstName=?,lastName=?,emailAddress=?,usern  
ame=?,password=?,roleId=?,locked=? WHERE  
id=?;";  
  
    $result = $conn->prepare($query);  
  
    $response = $result-  
>execute([$firstName,$lastName,$emailAddres  
s,$username,$password,$roleId,$locked,$userl  
d]);  
  
    return $response;  
  
}  
  
function getSizeId($size){  
  
    global $conn;
```

```
$query = "SELECT * FROM sizes WHERE
sizeName= ?;";

$result = $conn->prepare($query);

$result->execute([$size]);

$response=$result->fetch();

return $response;

}

function getManufacturerId($manufacturer){

global $conn;

$query = "SELECT * FROM manufacturers
WHERE manufacturerName= ?;";

$result = $conn->prepare($query);

$result->execute([$manufacturer]);

$response=$result->fetch();

return $response;
```

```
}

function getRoleId($role){

    global $conn;

    $query = "SELECT * FROM roles WHERE
    roleName= ?;";

    $result = $conn->prepare($query);

    $result->execute([$role]);

    $response=$result->fetch();

    return $response;

}

function getCountryId($country){

    global $conn;

    $query = "SELECT * FROM countries
    WHERE countryName= ?;";

    $result = $conn->prepare($query);
```

```
$result->execute([$country]);  
  
$response=$result->fetch();  
  
return $response;  
  
}  
  
function getEpochId($epoch){  
  
    global $conn;  
  
    $query = "SELECT * FROM epochs WHERE  
epochName= ?;";  
  
    $result = $conn->prepare($query);  
  
    $result->execute([$epoch]);  
  
    $response=$result->fetch();  
  
    return $response;  
  
}  
  
function getReports(){  
  
    global $conn;
```

```
$query = "SELECT  
title,carName,sizeName,manufacturerName,co  
untryName,epochName,reportKernel FROM  
reports r INNER JOIN sizes s ON r.sizeId=s.id  
INNER JOIN manufacturers m ON  
r.manufacturerId = m.id INNER JOIN countries c  
ON r.countryId = c.id INNER JOIN epochs e ON  
r.epochId=e.id;";
```

```
$data = $conn->query($query);
```

```
return $data;
```

```
}
```

```
function findReport($reportId){
```

```
global $conn;
```

```
$query = "SELECT * FROM reports WHERE  
reportId= ?;";
```

```
$result = $conn->prepare($query);
```

```
$result->execute([$reportId]);  
  
$response=$result->fetch();  
  
return $response;  
  
}  
  
function emailAddressExists($emailAddress){  
  
    global $conn;  
  
    $query = "SELECT * FROM users WHERE  
emailAddress = ?;";  
  
    $result = $conn->prepare($query);  
  
    $result->execute([$emailAddress]);  
  
    $response=$result->fetch();  
  
    return $response;  
  
}  
  
function usernameExists($username){  
  
    global $conn;
```

```
$query = "SELECT * FROM users WHERE
username = ?;";

$result = $conn->prepare($query);

$result->execute([$username]);

$response=$result->fetch();

return $response;

}

function sizeExists($size){

global $conn;

$query = "SELECT * FROM sizes WHERE
sizeName = ?;";

$result = $conn->prepare($query);

$result->execute([$size]);

$response = $result->fetch();

return $response;
```

```
}

function manufacturerExists($manufacturer){

    global $conn;

    $query = "SELECT * FROM manufacturers
WHERE manufacturerName = ?;";

    $result = $conn->prepare($query);

    $result->execute([$manufacturer]);

    $response = $result->fetch();

    return $response;

}

function countryExists($country){

    global $conn;

    $query = "SELECT * FROM countries
WHERE countryName = ?;";

    $result = $conn->prepare($query);
```

```
$result->execute([$country]);  
  
$response = $result->fetch();  
  
return $response;  
  
}  
  
function epochExists($epoch){  
  
    global $conn;  
  
    $query = "SELECT * FROM epochs WHERE  
epochName = ?;";  
  
    $result = $conn->prepare($query);  
  
    $result->execute([$epoch]);  
  
    $response = $result->fetch();  
  
    return $response;  
  
}  
  
function roleExists($role){  
  
    global $conn;
```

```
$query = "SELECT * FROM roles WHERE
roleName = ?;";

$result = $conn->prepare($query);

$result->execute([$role]);

$response = $result->fetch();

return $response;

}

function addingRole($role){

global $conn;

$query = "INSERT INTO roles(roleName)
VALUES(?);";

$result = $conn->prepare($query);

$response = $result->execute([$role]);

return $response;

}
```

```
function addingSize($size){  
    global $conn;  
  
    $query = "INSERT INTO sizes(sizeName)  
VALUES(?);";  
  
    $result = $conn->prepare($query);  
  
    $response = $result->execute([$size]);  
  
    return $response;  
}  
  
function  
addingManufacturer($manufacturer){  
    global $conn;  
  
    $query = "INSERT INTO  
manufacturers(manufacturerName)  
VALUES(?);";  
  
    $result = $conn->prepare($query);
```

```
$response = $result->execute([$manufacturer]);  
  
    return $response;  
  
}  
  
function addingCountry($country){  
  
    global $conn;  
  
    $query = "INSERT INTO  
countries(countryName) VALUES(?);";  
  
    $result = $conn->prepare($query);  
  
    $response = $result->execute([$country]);  
  
    return $response;  
  
}  
  
function addingEpoch($epoch){  
  
    global $conn;
```

```
$query = "INSERT INTO
epochName(epochName) VALUES(?);";

$result = $conn->prepare($query);

$response = $result->execute([$size]);

return $response;

}

function

insertUser($firstName,$lastName,$emailAddress,$username,$password,$roleId){

global $conn;

$query = "INSERT INTO
users(firstName,lastName,emailAddress,userna
me,password,roleId) VALUES(?,?,?,?,?,?);";

$result = $conn->prepare($query);
```

```
$response = $result->execute([$firstName,$lastName,$emailAddress,$username,$password,$roleId]);  
  
        return $response;  
  
    }  
  
    function insertingReport($title,$carName,$carImageName,$carThumbImageName,$sizeId,$manufacturerId,$countryId,$epochId,$reportKernel){  
  
        global $conn;  
  
        $query = "INSERT INTO reports(title,carName,carImage,carThumbImage,sizeId,manufacturerId,countryId,epochId,reportKernel) VALUES(?,?,?,?,?,?,?,?,?,?);";  
  
        $result = $conn->prepare($query);  
  
        $response = $result->execute([$title,$carName,$carImageName,$ca
```

```
rThumbImageName,$sizeId,$manufacturerId,$c
ountryId,$epochId,$reportKernel]);  
  
    return $response;  
  
}  
  
function  
sendingMessage($firstName,$lastName,$email  
Address,$subjectId,$message){  
  
    global $conn;  
  
    $query = "INSERT INTO  
messages(firstName,lastName,emailAddress,su  
bjectId,message) VALUES(?,?,?,?,?);";  
  
    $result = $conn->prepare($query);  
  
    $response = $result-  
>execute([$firstName,$lastName,$emailAddres  
s,$subjectId,$message]);  
  
    return $response;
```

```
}

function contributing($carName,$carManufacturer,$carEpoch,$carImage,$userId){

    global $conn;

    $query = "INSERT INTO contributions(carName,carManufacturer,carEpoch,carImage,userId) VALUES(?,?,?,?,?);";

    $result = $conn->prepare($query);

    $response = $result->execute([$carName,$carManufacturer,$carEpoch,$carImage,$userId]);

    return $response;

}
```

```
function
postingComment($userId,$comment,$dateAnd
Time,$reportId){

    global $conn;

    $query = "INSERT INTO
comments(userId,comment,dateAndTime,repo
rtId) VALUES(?, ?, ?, ?);";

    $result = $conn->prepare($query);

    $response = $result-
>execute([$userId,$comment,$dateAndTime,$r
eportId]);

    return $response;

}

function showCarousel(){

    global $conn;

    $query = "SELECT * FROM carouseldata;";
```

```
$data = $conn->query($query)->fetchAll();  
return $data;  
}
```

```
function showSubjects(){  
global $conn;  
  
$query = "SELECT * FROM subjects;"  
  
$data = $conn->query($query)->fetchAll();  
return $data;  
}
```

```
function showUsers(){  
global $conn;  
  
$query = "SELECT u.id AS  
userId,firstName,lastName,emailAddress,usern  
ame,password,roleName,locked FROM users u  
INNER JOIN roles r ON u.roleId=r.id;"
```

```
$data = $conn->query($query)->fetchAll();

return $data;

}

function showFooterLinks(){

global $conn;

$query = "SELECT * FROM footerlinks;";

$data = $conn->query($query)->fetchAll();

return $data;

}

function showSizes(){

global $conn;

$query = "SELECT * FROM sizes;";

$data = $conn->query($query)->fetchAll();

return $data;

}
```

```
function showManufacturers(){

    global $conn;

    $query = "SELECT * FROM
manufacturers;";

    $data = $conn->query($query)->fetchAll();

    return $data;

}

function showCountries(){

    global $conn;

    $query = "SELECT * FROM countries;";

    $data = $conn->query($query)->fetchAll();

    return $data;

}

function showSortingCategories(){

    global $conn;
```

```
$query = "SELECT * FROM
sortingCategories;";

$data = $conn->query($query)->fetchAll();

return $data;

}

function showEpochs(){

global $conn;

$query = "SELECT * FROM epochs;";

$data = $conn->query($query)->fetchAll();

return $data;

}

function showComments($reportId){

global $conn;
```

```
$query = "SELECT * FROM comments c
INNER JOIN users u ON c.userId=u.id WHERE
reportId = ?;";

$result = $conn->prepare($query);

$result->execute([$reportId]);

$response=$result->fetchAll();

return $response;

}

function showAuthorInformation(){

global $conn;

$query ="SELECT * FROM
authorinformation;";

$data = $conn->query($query)->fetchAll();

return $data;

}
```

```
function
showAuthorInformation2($pieceOfInformationId){
    global $conn;
    $query ="SELECT * FROM
authorinformation2 WHERE
pieceOfInformationId=?;";
    $result = $conn->prepare($query);
    $result->execute([$pieceOfInformationId]);
    $response=$result->fetchAll();
    return $response;
}

function
deletingComments($reportId,$commentLineToDelete){
    global $conn;
}
```

```
$commentLineToDeleteQueryString =  
implode(',', array_fill(0,  
count($commentLineToDelete), '?'));  
  
$query = "DELETE FROM comments  
WHERE reportId=? AND commentId IN  
(\".$commentLineToDeleteQueryString.\")";  
  
$result = $conn->prepare($query);  
  
$response = $result-  
>execute(array_merge([$reportId],$commentLi  
neToDelete));  
  
return $response;  
}  
  
function deletingReport($reportId){  
  
global $conn;  
  
$query = "DELETE FROM reports WHERE  
reportId=?";
```

```
$result = $conn->prepare($query);

$response = $result->execute([$reportId]);

return $response;

}

function deletingUsers($userLineToDelete){

    global $conn;

    $userIdsQueryString = implode(',',

array_fill(0, count($userLineToDelete), '?'));

    $query = "DELETE FROM users WHERE id IN

(".$userIdsQueryString.");";

    $result = $conn->prepare($query);

    $response = $result-
>execute($userLineToDelete);

    return $response;

}
```

```
function
showReports($sizeIds,$manufacturerIds,$countryIds,$epochIds,$name,$sortingCategoryId,$limit){
    global $conn;
    $limit = ((int)$limit) * OFFSET;
    $offset = OFFSET;
    if($sizeIds==null &&
$manufacturerIds==null && $countryIds==null
&& $countryIds==null && $epochIds==null &&
$name==null){
        //0000
        if($sortingCategoryId==1){
            $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
```

```
INNER JOIN epochs e ON r.epochId=e.id ORDER  
BY carName ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==2){
```

```
$query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id ORDER  
BY carName DESC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==3){
```

```
$query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id
```

```
        INNER JOIN epochs e ON r.epochId=e.id ORDER
        BY epochId ASC LIMIT ?, ?;";

    }

    else if($sortingCategoryId==4){

        $query = "SELECT * FROM reports r
        INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
        manufacturers m ON r.manufacturerId = m.id
        INNER JOIN countries c ON r.countryId = c.id
        INNER JOIN epochs e ON r.epochId=e.id ORDER
        BY epochId DESC LIMIT ?, ?;";

    }

    else {

        $query = "SELECT * FROM reports r
        INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
        manufacturers m ON r.manufacturerId = m.id
        INNER JOIN countries c ON r.countryId = c.id
```

```
        INNER JOIN epochs e ON r.epochId=e.id LIMIT
        ?, ?;";

    }

    $result = $conn->prepare($query);

    $result->execute([$limit,$offset]);

}

if($sizeIds==null &&
$manufacturerIds==null && $countryIds==null
&& $epochIds==null && $name!=null){

    //0001

    if($sortingCategoryId==1){

        $query = "SELECT * FROM reports r
        INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
        manufacturers m ON r.manufacturerId = m.id
        INNER JOIN countries c ON r.countryId = c.id
        INNER JOIN epochs e ON r.epochId=e.id WHERE
```

```
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
ORDER BY carName ASC LIMIT ?, ?;";  
  
}  
  
else if($sortingCategoryId==2){  
  
    $query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
ORDER BY carName DESC LIMIT ?, ?;";  
  
}  
  
else if($sortingCategoryId==3){  
  
    $query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id
```

```
    INNER JOIN epochs e ON r.epochId=e.id WHERE
    carName LIKE UPPER(CONCAT( '%', ? , '%'))
    ORDER BY epochId ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==4){
```

```
    $query = "SELECT * FROM reports r
    INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
    manufacturers m ON r.manufacturerId = m.id
    INNER JOIN countries c ON r.countryId = c.id
    INNER JOIN epochs e ON r.epochId=e.id WHERE
    carName LIKE UPPER(CONCAT( '%', ? , '%'))
    ORDER BY epochId DESC LIMIT ?, ?;";
```

```
}
```

```
else {
```

```
    $query = "SELECT * FROM reports r
    INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
    manufacturers m ON r.manufacturerId = m.id
```

```
        INNER JOIN countries c ON r.countryId = c.id
        INNER JOIN epochs e ON r.epochId=e.id WHERE
        carName LIKE UPPER(CONCAT( '%', ? , '%'))
        LIMIT ?, ?;";
```

```
}
```

```
$result = $conn->prepare($query);
$result-
>execute([$name,$limit,$offset]);
```

```
}
```

```
if($sizeIds==null &&
$manufacturerIds==null && $countryIds==null
&& $epochIds!=null && $name==null){
//0010
```

```
    $epochIdsQueryString = implode(',',
array_fill(0, count($epochIds), '?'));
```

```
    if($sortingCategoryId==1){
```

```
$query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
epochId IN (\".$epochIdsQueryString.\") ORDER
BY carName ASC LIMIT ?, ?;";

}

else if($sortingCategoryId==2){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
epochId IN (\".$epochIdsQueryString.\") ORDER
BY carName DESC LIMIT ?, ?;";

}
```

```
else if($sortingCategoryId==3){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
epochId IN (". $epochIdsQueryString .") ORDER
BY epochId ASC LIMIT ?, ?;";

}

else if($sortingCategoryId==4){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
epochId IN (". $epochIdsQueryString .") ORDER
BY epochId DESC LIMIT ?, ?;";
```

```
    }

    else {

        $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
epochId IN (\".$epochIdsQueryString.\") LIMIT ?,?
;";

    }

    $result = $conn->prepare($query);
    $result-
>execute(array_merge($epochIds,[ $limit,$offse
t]));
}


```

```
if($sizeIds==null &&
$manufacturerIds==null && $countryIds==null
&& $epochIds!=null && $name!=null){

    //0011

    $epochIdsQueryString = implode(',',
array_fill(0, count($epochIds), '?'));

    if($sortingCategoryId==1){

        $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
epochId IN (". $epochIdsQueryString .") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
ORDER BY carName ASC LIMIT ?, ?;";

    }

    else if($sortingCategoryId==2){
```

```
$query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
epochId IN (\".$epochIdsQueryString.\") AND  
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
ORDER BY carName DESC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==3){
```

```
$query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
epochId IN (\".$epochIdsQueryString.\") AND  
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
ORDER BY epochId ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==4){
```

```
    $query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
epochId IN (\".$epochIdsQueryString.\") AND  
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
ORDER BY epochId DESC LIMIT ?, ?;";
```

```
}
```

```
else {
```

```
    $query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE
```

```
epochId IN (".$epochIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
LIMIT ?, ?;";

}

$result = $conn->prepare($query);

$result-
>execute(array_merge($epochIds,[ $name,$limi
t,$offset]));

}

if($sizeIds==null &&
$manufacturerIds!=null && $countryIds==null
&& $epochIds==null && $name==null){
    //0100

    $manufacturerIdsQueryString =
implode(',',$array_fill(0,
count($manufacturerIds), '?'));
```

```
if($sortingCategoryId==1){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
(".$manufacturerIdsQueryString.") ORDER BY
carName ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==2){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
```

```
        (".$manufacturerIdsQueryString.") ORDER BY
        carName DESC LIMIT ?, ?;";

    }

    else if($sortingCategoryId==3){

        $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
        (".$manufacturerIdsQueryString.") ORDER BY
epochId ASC LIMIT ?, ?;";

    }

    else if($sortingCategoryId==4){

        $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
```

```
        INNER JOIN countries c ON r.countryId = c.id
        INNER JOIN epochs e ON r.epochId=e.id WHERE
        manufacturerId IN
        (".$manufacturerIdsQueryString.") ORDER BY
        epochId DESC LIMIT ?, ?;";

    }

    else {

        $query = "SELECT * FROM reports r
        INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
        manufacturers m ON r.manufacturerId = m.id
        INNER JOIN countries c ON r.countryId = c.id
        INNER JOIN epochs e ON r.epochId=e.id WHERE
        manufacturerId IN
        (".$manufacturerIdsQueryString.") LIMIT ?, ?;";

    }

    $result = $conn->prepare($query);
```

```
$result-  
>execute(array_merge($manufacturerIds,[${limi  
t,$offset]));  
  
}  
  
if($sizeIds==null &&  
$manufacturerIds!=null && $countryIds!=null  
&& $epochIds==null && $name==null){  
  
    $manufacturerIdsQueryString =  
implode(',',$array_fill(0,  
count($manufacturerIds), '?'));  
  
    $countryIdsQueryString = implode(',',$  
array_fill(0, count($countryIds), '?'));  
  
    if($sortingCategoryId==1){  
  
        $query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id
```

```
        INNER JOIN epochs e ON r.epochId=e.id WHERE
        manufacturerId IN
        (".$manufacturerIdsQueryString.") AND
        countryId IN (".$countryIdsQueryString.")
        ORDER BY carName ASC LIMIT ?, ?;";

    }

else if($sortingCategoryId==2){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.")
ORDER BY carName DESC LIMIT ?, ?;";

}
```

```
else if($sortingCategoryId==3){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.")
ORDER BY epochId ASC LIMIT ?, ?;";

}

else if($sortingCategoryId==4){
```

```
    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
```

```
        (".$manufacturerIdsQueryString.") AND
        countryId IN (".$countryIdsQueryString.")
        ORDER BY epochId DESC LIMIT ?, ?;";

    }

else {

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
        (".$manufacturerIdsQueryString.") AND
        countryId IN (".$countryIdsQueryString.") LIMIT
?, ?;";

}

$result = $conn->prepare($query);
```

```
$result-  
>execute(array_merge($manufacturerIds,$cou  
ntryIds,[${$limit,$offset]}));  
  
}  
  
if($sizeIds==null &&  
$manufacturerIds==null && $countryIds!=null  
&& $epochIds==null && $name==null){  
  
    $countryIdsQueryString = implode(',',$  
array_fill(0, count($countryIds), '?'));  
  
    if($sortingCategoryId==1){  
  
        $query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
countryId IN (".$countryIdsQueryString.")  
ORDER BY carName ASC LIMIT ?, ?;";
```

}

else if(\$sortingCategoryId==2){

\$query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
countryId IN (".\\$countryIdsQueryString.")
ORDER BY carName DESC LIMIT ?, ?;";

}

else if(\$sortingCategoryId==3){

\$query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE

```
countryId IN (".$countryIdsQueryString.")  
ORDER BY epochId ASC LIMIT ?, ?;";  
  
}  
  
else if($sortingCategoryId==4){  
  
    $query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
countryId IN (".$countryIdsQueryString.")  
ORDER BY epochId DESC LIMIT ?, ?;";  
  
}  
  
else {  
  
    $query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id
```

```
INNER JOIN epochs e ON r.epochId=e.id WHERE
countryId IN (".$countryIdsQueryString.") LIMIT
?, ?;";
```

```
}
```

```
$result = $conn->prepare($query);
$result-
>execute(array_merge($countryIds,[ $limit,$off
set]));
```

```
}
```

```
if($sizeIds==null &&
$manufacturerIds!=null && $countryIds==null
&& $epochIds==null && $name!=null){
//0101
```

```
$manufacturerIdsQueryString =
implode(',',$array_fill(0,
count($manufacturerIds), '?'));
```

```
if($sortingCategoryId==1){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
ORDER BY carName ASC LIMIT ?, ?;";

}

else if($sortingCategoryId==2){
```

```
    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
```

```
        (".$manufacturerIdsQueryString.") AND
        carName LIKE UPPER(CONCAT( '%', ? , '%'))
        ORDER BY carName DESC LIMIT ?, ?;";

    }

    else if($sortingCategoryId==3){

        $query = "SELECT * FROM reports r
        INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
        manufacturers m ON r.manufacturerId = m.id
        INNER JOIN countries c ON r.countryId = c.id
        INNER JOIN epochs e ON r.epochId=e.id WHERE
        manufacturerId IN
        (".$manufacturerIdsQueryString.") AND
        carName LIKE UPPER(CONCAT( '%', ? , '%'))
        ORDER BY epochId ASC LIMIT ?, ?;";

    }

    else if($sortingCategoryId==4){
```

```
$query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
manufacturerId IN  
(\".$manufacturerIdsQueryString.\") AND  
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
ORDER BY epochId DESC LIMIT ?, ?;";
```

```
}
```

```
else {
```

```
$query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
manufacturerId IN  
(\".$manufacturerIdsQueryString.\") AND
```

```
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
LIMIT ?, ?;";  
  
}  
  
$result = $conn->prepare($query);  
  
$result-  
>execute(array_merge($manufacturerIds,[  
    $name,$limit,$offset]));  
  
}  
  
if($sizeIds==null &&  
    $manufacturerIds!=null && $countryIds!=null  
    && $epochIds==null && $name!=null){  
  
    $manufacturerIdsQueryString =  
        implode(',', array_fill(0,  
            count($manufacturerIds), '?'));  
  
    $countryIdsQueryString = implode(',',  
        array_fill(0, count($countryIds), '?'));
```

```
if($sortingCategoryId==1){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
ORDER BY carName ASC LIMIT ?, ?;";

}
```

```
else if($sortingCategoryId==2){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
```

```
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
ORDER BY carName DESC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==3){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
ORDER BY epochId ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==4){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
ORDER BY epochId DESC LIMIT ?, ?;";

}

else {

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
```

```
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
LIMIT ?, ?;";

}

$result = $conn->prepare($query);

$result-
>execute(array_merge($manufacturerIds,$cou
ntryIds,[&$name,&$limit,&$offset]));

}

if($sizeIds==null &&
$manufacturerIds==null && $countryIds!=null
&& $epochIds==null && $name!=null){

    $countryIdsQueryString = implode(',',$_
array_fill(0, count($countryIds), '?'));

    if($sortingCategoryId==1){


```

```
$query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
countryId IN (\".$countryIdsQueryString.\") AND  
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
ORDER BY carName ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==2){
```

```
$query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
countryId IN (\".$countryIdsQueryString.\") AND  
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
ORDER BY carName DESC LIMIT ?, ?;";
```

}

else if(\$sortingCategoryId==3){

\$query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
countryId IN (".\$countryIdsQueryString.") AND
carName LIKE UPPER(CONCAT('%', ? , '%'))
ORDER BY epochId ASC LIMIT ?, ?;";

}

else if(\$sortingCategoryId==4){

\$query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE

```
countryId IN (".$countryIdsQueryString.") AND  
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
ORDER BY epochId DESC LIMIT ?, ?;";
```

```
}
```

```
else {
```

```
    $query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
countryId IN (".$countryIdsQueryString.") AND  
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
LIMIT ?, ?;";
```

```
}
```

```
$result = $conn->prepare($query);
```

```
$result-  
>execute(array_merge($countryIds,[ $name,$li  
mit,$offset]));  
  
}  
  
if($sizeIds==null &&  
$manufacturerIds!=null && $countryIds==null  
&& $epochIds!=null && $name==null){  
  
//0110  
  
$manufacturerIdsQueryString =  
implode(',',$array_fill(0,  
count($manufacturerIds), '?'));  
  
$epochIdsQueryString = implode(',',$  
array_fill(0, count($epochIds), '?'));  
  
if($sortingCategoryId==1){  
  
$query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id
```

```
        INNER JOIN countries c ON r.countryId = c.id
        INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") ORDER
BY carName ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==2){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") ORDER
BY carName DESC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==3){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") ORDER
BY epochId ASC LIMIT ?, ?;";

}

else if($sortingCategoryId==4){
```

```
    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
```

```
        (".$manufacturerIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") ORDER
BY epochId DESC LIMIT ?, ?;";

    }

else {

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") LIMIT ?,
?;";

}

$result = $conn->prepare($query);
```

```
$result-  
>execute(array_merge($manufacturerIds,$epochIds,[${$limit,$offset]}));  
  
}  
  
if($sizeIds==null &&  
$manufacturerIds!=null && $countryIds!=null  
&& $epochIds!=null && $name==null){  
  
    $manufacturerIdsQueryString =  
implode(',',$array_fill(0,  
count($manufacturerIds), '?'));  
  
    $countryIdsQueryString = implode(',',$  
array_fill(0, count($countryIds), '?'));  
  
    $epochIdsQueryString = implode(',',$  
array_fill(0, count($epochIds), '?'));  
  
    if($sortingCategoryId==1){  
  
        $query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
```

```
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") ORDER
BY carName ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==2){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") AND
```

```
epochId IN (".$epochIdsQueryString.") ORDER
BY carName DESC LIMIT ?, ?;";

}

else if($sortingCategoryId==3){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") ORDER
BY epochId ASC LIMIT ?, ?;";

}

else if($sortingCategoryId==4){
```

```
$query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
(\".$manufacturerIdsQueryString.\") AND
countryId IN (\".$countryIdsQueryString.\") AND
epochId IN (\".$epochIdsQueryString.\") ORDER
BY epochId DESC LIMIT ?, ?;";
```

```
}
```

```
else {
```

```
$query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
```

```
        (".$manufacturerIdsQueryString.") AND
        countryId IN (".$countryIdsQueryString.") AND
        epochId IN (".$epochIdsQueryString.") LIMIT ?,,
        ?;";

    }

    $result = $conn->prepare($query);

    $result-
        >execute(array_merge($manufacturerIds,$cou
        ntryIds,$epochIds,[ $limit,$offset]));

    }

    if($sizeIds==null &&
    $manufacturerIds==null && $countryIds!=null
    && $epochIds!=null && $name==null){

        $countryIdsQueryString = implode(',',$_
        array_fill(0, count($countryIds), '?'));

        $epochIdsQueryString = implode(',',$_
        array_fill(0, count($epochIds), '?'));
```

```
if($sortingCategoryId==1){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
countryId IN (".$countryIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") ORDER
BY carName ASC LIMIT ?, ?;";

}

else if($sortingCategoryId==2){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
countryId IN (".$countryIdsQueryString.") AND
```

```
epochId IN (".$epochIdsQueryString.") ORDER  
BY carName DESC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==3){
```

```
$query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
countryId IN (".$countryIdsQueryString.") AND  
epochId IN (".$epochIdsQueryString.") ORDER  
BY epochId ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==4){
```

```
$query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id
```

```
        INNER JOIN countries c ON r.countryId = c.id
        INNER JOIN epochs e ON r.epochId=e.id WHERE
        countryId IN (".$countryIdsQueryString.") AND
        epochId IN (".$epochIdsQueryString.") ORDER
        BY epochId DESC LIMIT ?, ?;";

    }

    else {

        $query = "SELECT * FROM reports r
        INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
        manufacturers m ON r.manufacturerId = m.id
        INNER JOIN countries c ON r.countryId = c.id
        INNER JOIN epochs e ON r.epochId=e.id WHERE
        countryId IN (".$countryIdsQueryString.") AND
        epochId IN (".$epochIdsQueryString.") LIMIT ?,
        ?;";

    }

    $result = $conn->prepare($query);
```

```
$result-  
>execute(array_merge($countryIds,$epochIds,[  
$limit,$offset]));  
  
}  
  
if($sizeIds==null &&  
$manufacturerIds!=null && $countryIds==null  
&& $epochIds!=null && $name!=null){  
  
//0111  
  
$manufacturerIdsQueryString =  
implode(',', array_fill(0,  
count($manufacturerIds), '?'));  
  
$epochIdsQueryString = implode(',',  
array_fill(0, count($epochIds), '?'));  
  
if($sortingCategoryId==1){  
  
$query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id
```

```
        INNER JOIN countries c ON r.countryId = c.id
        INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
        (".$manufacturerIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
ORDER BY carName ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==2){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
        (".$manufacturerIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") AND
```

```
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
ORDER BY carName DESC LIMIT ?, ?;";  
  
}  
  
else if($sortingCategoryId==3){  
  
    $query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
manufacturerId IN  
(".$manufacturerIdsQueryString.") AND  
epochId IN (".$epochIdsQueryString.") AND  
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
ORDER BY epochId ASC LIMIT ?, ?;";  
  
}  
  
else if($sortingCategoryId==4){
```

```
$query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
(\".$manufacturerIdsQueryString.\") AND
epochId IN (\".$epochIdsQueryString.\") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
ORDER BY epochId DESC LIMIT ?, ?;";
```

```
}
```

```
else {
```

```
$query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
```

```
        (".$manufacturerIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
LIMIT ?, ?;";

    }

$result = $conn->prepare($query);

$result-
>execute(array_merge($manufacturerIds,$epo
chIds,[&$name,&$limit,&$offset]));

    }

if($sizeIds==null &&
$manufacturerIds!=null && $countryIds!=null
&& $epochIds!=null && $name!=null){

    $manufacturerIdsQueryString =
implode(',', array_fill(0,
count($manufacturerIds), '?'));
```

```
$epochIdsQueryString = implode(',',  
array_fill(0, count($epochIds), '?'));  
  
$countryIdsQueryString = implode(',',  
array_fill(0, count($countryIds), '?'));  
  
if($sortingCategoryId==1){  
  
    $query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
manufacturerId IN  
(".$manufacturerIdsQueryString.") AND  
countryId IN (".$countryIdsQueryString.") AND  
epochId IN (".$epochIdsQueryString.") AND  
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
ORDER BY carName ASC LIMIT ?, ?;";  
}
```

```
else if($sortingCategoryId==2){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
ORDER BY carName DESC LIMIT ?, ?;";

}

else if($sortingCategoryId==3){
```

```
    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
```

```
INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
ORDER BY epochId ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==4){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") AND
```

```
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
ORDER BY epochId DESC LIMIT ?, ?;";  
  
}  
  
else {  
  
    $query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
manufacturerId IN  
(".$manufacturerIdsQueryString.") AND  
countryId IN (".$countryIdsQueryString.") AND  
epochId IN (".$epochIdsQueryString.") AND  
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
LIMIT ?, ?;";  
  
}  
  
$result = $conn->prepare($query);
```

```
$result-  
>execute(array_merge($manufacturerIds,$cou  
ntryIds,$epochIds,[ $name,$limit,$offset]));  
  
}  
  
if($sizeIds==null &&  
$manufacturerIds==null && $countryIds!=null  
&& $epochIds!=null && $name!=null){  
  
    $countryIdsQueryString = implode(',',$  
array_fill(0, count($countryIds), '?'));  
  
    $epochIdsQueryString = implode(',',$  
array_fill(0, count($epochIds), '?'));  
  
    if($sortingCategoryId==1){  
  
        $query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE
```

```
countryId IN (".$countryIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
ORDER BY carName ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==2){
```

```
$query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
countryId IN (".$countryIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
ORDER BY carName DESC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==3){
```

```
$query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
countryId IN (\".$countryIdsQueryString.\") AND  
epochId IN (\".$epochIdsQueryString.\") AND  
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
ORDER BY epochId ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==4){
```

```
$query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
countryId IN (\".$countryIdsQueryString.\") AND  
epochId IN (\".$epochIdsQueryString.\") AND
```

```
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
ORDER BY epochId DESC LIMIT ?, ?;";  
  
}  
  
else {  
  
    $query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
countryId IN (".\$countryIdsQueryString.") AND  
epochId IN (".\$epochIdsQueryString.") AND  
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
LIMIT ?, ?;";  
  
}  
  
$result = $conn->prepare($query);
```

```
$result-  
>execute(array_merge($countryIds,$epochIds,[  
$name,$limit,$offset]));  
  
}  
  
if($sizeIds!=null &&  
$manufacturerIds==null && $countryIds==null  
&& $epochIds==null && $name==null){  
  
    //1000  
  
    $sizeIdsQueryString = implode(',',  
array_fill(0, count($sizeIds), '?'));  
  
    if($sortingCategoryId==1){  
  
        $query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE
```

```
sizeId IN (".$sizeIdsQueryString.") ORDER BY
carName ASC LIMIT ?, ?;";

}

else if($sortingCategoryId==2){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") ORDER BY
carName DESC LIMIT ?, ?;";

}

else if($sortingCategoryId==3){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
```

```
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") ORDER BY
epochId ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==4){
```

```
$query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") ORDER BY
epochId DESC LIMIT ?, ?;";
```

```
}
```

```
else {
```

```
$query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
```

```
        INNER JOIN countries c ON r.countryId = c.id
        INNER JOIN epochs e ON r.epochId=e.id WHERE
        sizeId IN (".$sizeIdsQueryString.") LIMIT ?, ?;"

    }

$result = $conn->prepare($query);

$result-
>execute(array_merge($sizeIds,[ $limit,$offset]))
);

}

if($sizeIds!=null &&
$manufacturerIds==null && $countryIds==null
&& $epochIds==null && $name!=null){

    //1001

    $sizeIdsQueryString = implode(',',$array_fill(0, count($sizeIds), '?'));

    if($sortingCategoryId==1){


```

```
$query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
sizeId IN (".\$sizeIdsQueryString.") AND  
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
ORDER BY carName ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==2){
```

```
$query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
sizeId IN (".\$sizeIdsQueryString.") AND  
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
ORDER BY carName DESC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==3){
```

```
    $query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
sizeId IN ('".$sizeIdsQueryString.") AND  
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
ORDER BY epochId ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==4){
```

```
    $query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE
```

```
        sizeId IN (".$sizeIdsQueryString.") AND
        carName LIKE UPPER(CONCAT( '%', ? , '%'))
        ORDER BY epochId DESC LIMIT ?, ?;";

    }

    else {

        $query = "SELECT * FROM reports r
        INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
        manufacturers m ON r.manufacturerId = m.id
        INNER JOIN countries c ON r.countryId = c.id
        INNER JOIN epochs e ON r.epochId=e.id WHERE
        sizeId IN (".$sizeIdsQueryString.") AND
        carName LIKE UPPER(CONCAT( '%', ? , '%'))
        LIMIT ?, ?;";

    }

    $result = $conn->prepare($query);
```

```
$result-  
>execute(array_merge($sizeIds,[ $name,$limit,$  
offset]));  
  
}  
  
if($sizeIds!=null &&  
$manufacturerIds==null && $countryIds==null  
&& $epochIds!=null && $name==null){  
  
//1010  
  
$sizeIdsQueryString = implode(',',$  
array_fill(0, count($sizeIds), '?'));  
  
$epochIdsQueryString = implode(',',$  
array_fill(0, count($epochIds), '?'));  
  
if($sortingCategoryId==1){  
  
$query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id
```

```
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND epochId
IN (".$epochIdsQueryString.") ORDER BY
carName ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==2){
```

```
$query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND epochId
IN (".$epochIdsQueryString.") ORDER BY
carName DESC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==3){
```

```
$query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
sizeId IN (".\$sizeIdsQueryString.") AND epochId  
IN (".\$epochIdsQueryString.") ORDER BY  
epochId ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==4){
```

```
$query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
sizeId IN (".\$sizeIdsQueryString.") AND epochId  
IN (".\$epochIdsQueryString.") ORDER BY  
epochId DESC LIMIT ?, ?;";
```

```
    }

    else {

        $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN ('".$sizeIdsQueryString.") AND epochId
IN ('".$epochIdsQueryString.") LIMIT ?, ?;";

    }

    $result = $conn->prepare($query);

    $result-
>execute(array_merge($sizeIds,$epochIds,[${lim
it}, ${offset}]));

}
```

```
if($sizeIds!=null &&
$manufacturerIds==null && $countryIds==null
&& $epochIds!=null && $name!=null){

    //1011

    $sizeIdsQueryString = implode(',',array_fill(0, count($sizeIds), '?'));

    $epochIdsQueryString = implode(',',array_fill(0, count($epochIds), '?'));

    if($sortingCategoryId==1){

        $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (\".$sizeIdsQueryString.\") AND epochId
IN (\".$epochIdsQueryString.\") AND carName
```

```
LIKE UPPER(CONCAT( '%', ? , '%')) ORDER BY
carName ASC LIMIT ?, ?;";

}

else if($sortingCategoryId==2){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND epochId
IN (".$epochIdsQueryString.") AND carName
LIKE UPPER(CONCAT( '%', ? , '%')) ORDER BY
carName DESC LIMIT ?, ?;";

}

else if($sortingCategoryId==3){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
```

```
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
sizeId IN (".$sizeIdsQueryString.") AND epochId  
IN (".$epochIdsQueryString.") AND carName  
LIKE UPPER(CONCAT( '%', ? , '%')) ORDER BY  
epochId ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==4){  
  
    $query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
sizeId IN (".$sizeIdsQueryString.") AND epochId  
IN (".$epochIdsQueryString.") AND carName  
LIKE UPPER(CONCAT( '%', ? , '%')) ORDER BY  
epochId DESC LIMIT ?, ?;";
```

```
    }

    else {

        $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND epochId
IN (".$epochIdsQueryString.") AND carName
LIKE UPPER(CONCAT( '%', ? , '%')) LIMIT ?, ?;";

    }

    $result = $conn->prepare($query);

    $result-
>execute(array_merge($sizeIds,$epochIds,[${name,$limit,$offset]}));

}
```

```
if($sizeIds!=null &&
$manufacturerIds!=null && $countryIds==null
&& $epochIds==null && $name==null){

    //1100

    $sizeIdsQueryString = implode(',',array_fill(0, count($sizeIds), '?'));

    $manufacturerIdsQueryString =
implode(',', array_fill(0,
count($manufacturerIds), '?'));

    if($sortingCategoryId==1){

        $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
manufacturerId IN
```

```
        (".$manufacturerIdsQueryString.") ORDER BY
        carName ASC LIMIT ?, ?;";

    }

    else if($sortingCategoryId==2){

        $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
manufacturerId IN
(".$manufacturerIdsQueryString.") ORDER BY
carName DESC LIMIT ?, ?;";

    }

    else if($sortingCategoryId==3){

        $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
```

```
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
manufacturerId IN
(".$manufacturerIdsQueryString.") ORDER BY
epochId ASC LIMIT ?, ?;";

}

else if($sortingCategoryId==4){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
manufacturerId IN
(".$manufacturerIdsQueryString.") ORDER BY
epochId DESC LIMIT ?, ?;";
```

```
    }

    else {

        $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN ('".$sizeIdsQueryString.") AND
manufacturerId IN
(".$manufacturerIdsQueryString.") LIMIT ?, ?;";

    }

    $result = $conn->prepare($query);

    $result-
>execute(array_merge($sizeIds,$manufacturerI
ds,[&$limit,&$offset]));

}
```

```
if($sizeIds!=null &&
$manufacturerIds!=null && $countryIds!=null
&& $epochIds==null && $name==null){

    $sizeIdsQueryString = implode(',',  

array_fill(0, count($sizeIds), '?'));

    $manufacturerIdsQueryString =
implode(',', array_fill(0,
count($manufacturerIds), '?'));

    $countryIdsQueryString = implode(',',  

array_fill(0, count($countryIds), '?'));

    if($sortingCategoryId==1){

        $query = "SELECT * FROM reports r  

INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (\".$sizeIdsQueryString.\") AND
```

```
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.")
ORDER BY carName ASC LIMIT ?, ?;";

}

else if($sortingCategoryId==2){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.")
ORDER BY carName DESC LIMIT ?, ?;";

}
```

```
else if($sortingCategoryId==3){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.")
ORDER BY epochId ASC LIMIT ?, ?;";

}
```

```
else if($sortingCategoryId==4){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
```

```
        sizeId IN (".$sizeIdsQueryString.") AND
        manufacturerId IN
        (".$manufacturerIdsQueryString.") AND
        countryId IN (".$countryIdsQueryString.")
    ORDER BY epochId DESC LIMIT ?, ?;";

    }

    else {

        $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") LIMIT
?, ?;";

    }

}
```

```
$result = $conn->prepare($query);

$result-
>execute(array_merge($sizeIds,$manufacturerI
ds,$countryIds,[${$limit,$offset})));

}

if($sizeIds!=null &&
$manufacturerIds==null && $countryIds!=null
&& $epochIds==null && $name==null){

    $sizeIdsQueryString = implode(',',

array_fill(0, count($sizeIds), '?'));

    $countryIdsQueryString = implode(',',

array_fill(0, count($countryIds), '?'));

    if($sortingCategoryId==1){

        $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
```

```
        INNER JOIN epochs e ON r.epochId=e.id WHERE
        sizeId IN (".$sizeIdsQueryString.") AND
        countryId IN (".$countryIdsQueryString.")
        ORDER BY carName ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==2){
```

```
    $query = "SELECT * FROM reports r
    INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
    manufacturers m ON r.manufacturerId = m.id
    INNER JOIN countries c ON r.countryId = c.id
    INNER JOIN epochs e ON r.epochId=e.id WHERE
    sizeId IN (".$sizeIdsQueryString.") AND
    countryId IN (".$countryIdsQueryString.")
    ORDER BY carName DESC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==3){
```

```
$query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
sizeId IN (".\$sizeIdsQueryString.") AND  
countryId IN (".\$countryIdsQueryString.")  
ORDER BY epochId ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==4){
```

```
$query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
sizeId IN (".\$sizeIdsQueryString.") AND  
countryId IN (".\$countryIdsQueryString.")  
ORDER BY epochId DESC LIMIT ?, ?;";
```

```
    }

    else {

        $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") LIMIT
?, ?;";

    }

    $result = $conn->prepare($query);

    $result-
>execute(array_merge($sizeIds,$countryIds,[${$li
mit,$offset]]));

}
```

```
if($sizeIds!=null &&
$manufacturerIds!=null && $countryIds==null
&& $epochIds==null && $name!=null){

    //1101

    $sizeIdsQueryString = implode(',',array_fill(0, count($sizeIds), '?'));

    $manufacturerIdsQueryString =
implode(',', array_fill(0,
count($manufacturerIds), '?'));

    if($sortingCategoryId==1){

        $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
manufacturerId IN
```

```
        (".$manufacturerIdsQueryString.") AND
        carName LIKE UPPER(CONCAT( '%', ? , '%'))
        ORDER BY carName ASC LIMIT ?, ?;";

    }

else if($sortingCategoryId==2){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
ORDER BY carName DESC LIMIT ?, ?;";

}

else if($sortingCategoryId==3){
```

```
$query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (\".$sizeIdsQueryString.\") AND
manufacturerId IN
(\".$manufacturerIdsQueryString.\") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
ORDER BY epochId ASC LIMIT ?, ?;";

}
```

```
else if($sortingCategoryId==4){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (\".$sizeIdsQueryString.\") AND
```

```
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
ORDER BY epochId DESC LIMIT ?, ?;";

}

else {

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
LIMIT ?, ?;";

}
```

```
$result = $conn->prepare($query);

$result-
>execute(array_merge($sizeIds,$manufacturerI
ds,[ $name,$limit,$offset]));

}

if($sizeIds!=null &&
$manufacturerIds!=null && $countryIds!=null
&& $epochIds==null && $name!=null){

    $sizeIdsQueryString = implode(',',

array_fill(0, count($sizeIds), '?'));

    $manufacturerIdsQueryString =
implode(',', array_fill(0,
count($manufacturerIds), '?'));

    $countryIdsQueryString = implode(',',

array_fill(0, count($countryIds), '?'));

    if($sortingCategoryId==1){
```

```
$query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (\".$sizeIdsQueryString.\") AND
manufacturerId IN
(\".$manufacturerIdsQueryString.\") AND
countryId IN (\".$countryIdsQueryString.\") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
ORDER BY carName ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==2){
```

```
$query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
```

```
sizeId IN (".$sizeIdsQueryString.") AND
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
ORDER BY carName DESC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==3){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") AND
```

```
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
ORDER BY epochId ASC LIMIT ?, ?;";  
  
}  
  
else if($sortingCategoryId==4){  
  
    $query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
sizeId IN (".$sizeIdsQueryString.") AND  
manufacturerId IN  
(".$manufacturerIdsQueryString.") AND  
countryId IN (".$countryIdsQueryString.") AND  
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
ORDER BY epochId DESC LIMIT ?, ?;";  
  
}  
  
else {
```

```
$query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (\".$sizeIdsQueryString.\") AND
manufacturerId IN
(\".$manufacturerIdsQueryString.\") AND
countryId IN (\".$countryIdsQueryString.\") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
LIMIT ?, ?;";

}

$result = $conn->prepare($query);

$result-
>execute(array_merge($sizeIds,$manufacturerI
ds,$countryIds,[ $name,$limit,$offset]));

}
```

```
if($sizeIds!=null &&
$manufacturerIds==null && $countryIds!=null
&& $epochIds==null && $name!=null){

    $sizeIdsQueryString = implode(',',
array_fill(0, count($sizeIds), '?'));

    $countryIdsQueryString = implode(',',
array_fill(0, count($countryIds), '?'));

    if($sortingCategoryId==1){

        $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (\".$sizeIdsQueryString.\") AND
countryId IN (\".$countryIdsQueryString.\") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
ORDER BY carName ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==2){
```

```
    $query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
sizeId IN (".$sizeIdsQueryString.") AND  
countryId IN (".$countryIdsQueryString.") AND  
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
ORDER BY carName DESC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==3){
```

```
    $query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id
```

```
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
ORDER BY epochId ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==4){
```

```
$query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
ORDER BY epochId DESC LIMIT ?, ?;";
```

```
}
```

```
else {

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
LIMIT ?, ?;";

}

$result = $conn->prepare($query);

$result-
>execute(array_merge($sizeIds,$countryIds,[${name,$limit,$offset]}));

}
```

```
if($sizeIds!=null &&
$manufacturerIds!=null && $countryIds==null
&& $epochIds!=null && $name==null){

    //1110

    $sizeIdsQueryString = implode(',',array_fill(0, count($sizeIds), '?'));

    $manufacturerIdsQueryString =
implode(',', array_fill(0,
count($manufacturerIds), '?'));

    $epochIdsQueryString = implode(',',array_fill(0, count($epochIds), '?'));

    if($sortingCategoryId==1){

        $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
```

```
sizId IN (".$sizeIdsQueryString.") AND  
manufacturerId IN  
(".$manufacturerIdsQueryString.") AND  
epochId IN (".$epochIdsQueryString.") ORDER  
BY carName ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==2){
```

```
$query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
sizeId IN (".$sizeIdsQueryString.") AND  
manufacturerId IN  
(".$manufacturerIdsQueryString.") AND  
epochId IN (".$epochIdsQueryString.") ORDER  
BY carName DESC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==3){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") ORDER
BY epochId ASC LIMIT ?, ?;";
```

}

```
else if($sortingCategoryId==4){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
```

```
        sizeId IN (".$sizeIdsQueryString.") AND
        manufacturerId IN
        (".$manufacturerIdsQueryString.") AND
        epochId IN (".$epochIdsQueryString.") ORDER
        BY epochId DESC LIMIT ?, ?;";

    }

    else {

        $query = "SELECT * FROM reports r
        INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
        manufacturers m ON r.manufacturerId = m.id
        INNER JOIN countries c ON r.countryId = c.id
        INNER JOIN epochs e ON r.epochId=e.id WHERE
        sizeId IN (".$sizeIdsQueryString.") AND
        manufacturerId IN
        (".$manufacturerIdsQueryString.") AND
        epochId IN (".$epochIdsQueryString.") LIMIT ?,
        ?;";

    }

}
```

```
$result = $conn->prepare($query);

$result-
>execute(array_merge($sizeIds,$manufacturerI
ds,$epochIds,[${$limit,$offset})));

}

if($sizeIds!=null &&
$manufacturerIds!=null && $countryIds!=null
&& $epochIds!=null && $name==null){

    $sizeIdsQueryString = implode(',',

array_fill(0, count($sizeIds), '?'));

    $manufacturerIdsQueryString =
implode(',', array_fill(0,
count($manufacturerIds), '?'));

    $epochIdsQueryString = implode(',',

array_fill(0, count($epochIds), '?'));

    $countryIdsQueryString = implode(',',

array_fill(0, count($countryIds), '?'));
```

```
if($sortingCategoryId==1){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") ORDER
BY carName ASC LIMIT ?, ?;";

}

else if($sortingCategoryId==2){
```

```
    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
```

```
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") ORDER
BY carName DESC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==3){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") AND
```

```
epochId IN (".$epochIdsQueryString.") ORDER
BY epochId ASC LIMIT ?, ?;";

}

else if($sortingCategoryId==4){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") ORDER
BY epochId DESC LIMIT ?, ?;";

}

else {
```

```
$query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (\".$sizeIdsQueryString.\") AND
manufacturerId IN
(\".$manufacturerIdsQueryString.\") AND
countryId IN (\".$countryIdsQueryString.\") AND
epochId IN (\".$epochIdsQueryString.\") LIMIT ?,,
?;";

}

$result = $conn->prepare($query);

$result-
>execute(array_merge($sizeIds,$manufacturerI
ds,$countryIds,$epochIds,[${$limit,$offset}]));

}
```

```
if($sizeIds!=null &&
$manufacturerIds==null && $countryIds!=null
&& $epochIds!=null && $name==null){

    $sizeIdsQueryString = implode(',',  

array_fill(0, count($sizeIds), '?'));

    $epochIdsQueryString = implode(',',  

array_fill(0, count($epochIds), '?'));

    $countryIdsQueryString = implode(',',  

array_fill(0, count($countryIds), '?'));

    if($sortingCategoryId==1){

        $query = "SELECT * FROM reports r  

INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  

manufacturers m ON r.manufacturerId = m.id  

INNER JOIN countries c ON r.countryId = c.id  

INNER JOIN epochs e ON r.epochId=e.id WHERE  

sizeId IN (".$sizeIdsQueryString.") AND  

countryId IN (".$countryIdsQueryString.") AND
```

```
epochId IN (".$epochIdsQueryString.") ORDER
BY carName ASC LIMIT ?, ?;";

}

else if($sortingCategoryId==2){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") ORDER
BY carName DESC LIMIT ?, ?;";

}

else if($sortingCategoryId==3){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
```

```
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") ORDER
BY epochId ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==4){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") ORDER
BY epochId DESC LIMIT ?, ?;";
```

```
    }

    else {

        $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") LIMIT ?,,
?;";

    }

    $result = $conn->prepare($query);

    $result-
>execute(array_merge($sizeIds,$countryIds,$e
pochIds,[ $limit,$offset]));

}


```

```
if($sizeIds!=null &&
$manufacturerIds!=null && $countryIds==null
&& $epochIds!=null && $name!=null){

    //1111

    $sizeIdsQueryString = implode(',',array_fill(0, count($sizeIds), '?'));

    $manufacturerIdsQueryString =
implode(',', array_fill(0,
count($manufacturerIds), '?'));

    $epochIdsQueryString = implode(',',array_fill(0, count($epochIds), '?'));

    if($sortingCategoryId==1){

        $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
```

```
sizeId IN (".$sizeIdsQueryString.") AND
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
ORDER BY carName ASC LIMIT ?, ?;";

}

else if($sortingCategoryId==2){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") AND
```

```
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
ORDER BY carName DESC LIMIT ?, ?;";  
  
}  
  
else if($sortingCategoryId==3){  
  
    $query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
sizeId IN (".$sizeIdsQueryString.") AND  
manufacturerId IN  
(".$manufacturerIdsQueryString.") AND  
epochId IN (".$epochIdsQueryString.") AND  
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
ORDER BY epochId ASC LIMIT ?, ?;";
```

}

```
else if($sortingCategoryId==4){
```

```
$query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (\".$sizeIdsQueryString.\") AND
manufacturerId IN
(\".$manufacturerIdsQueryString.\") AND
epochId IN (\".$epochIdsQueryString.\") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
ORDER BY epochId DESC LIMIT ?, ?;";
```

```
}
```

```
else {
```

```
$query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
```

```
sizeId IN (".$sizeIdsQueryString.") AND
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
LIMIT ?, ?;";

}

$result = $conn->prepare($query);

$result-
>execute(array_merge($sizeIds,$manufacturerI
ds,$epochIds,[&$name,$limit,$offset]));

}

if($sizeIds!=null &&
$manufacturerIds==null && $countryIds!=null
&& $epochIds!=null && $name!=null){

    $sizeIdsQueryString = implode(',',$array_fill(0, count($sizeIds), '?'));
}
```

```
$countryIdsQueryString = implode(',',  
array_fill(0, count($countryIds), '?'));  
  
$epochIdsQueryString = implode(',',  
array_fill(0, count($epochIds), '?'));  
  
if($sortingCategoryId==1){  
  
    $query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
sizeId IN (".$sizeIdsQueryString.") AND  
countryId IN (".$countryIdsQueryString.") AND  
epochId IN (".$epochIdsQueryString.") AND  
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
ORDER BY carName ASC LIMIT ?, ?;";  
  
}  
  
else if($sortingCategoryId==2){
```

```
$query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
sizeId IN (".\$sizeIdsQueryString.") AND  
countryId IN (".\$countryIdsQueryString.") AND  
epochId IN (".\$epochIdsQueryString.") AND  
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
ORDER BY carName DESC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==3){
```

```
$query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
sizeId IN (".\$sizeIdsQueryString.") AND
```

```
countryId IN (".$countryIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
ORDER BY epochId ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==4){
```

```
$query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
ORDER BY epochId DESC LIMIT ?, ?;";
```

```
}
```

```
else {

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
LIMIT ?, ?;";

}

$result = $conn->prepare($query);

$result-
>execute(array_merge($sizeIds,$countryIds,$e
pochIds,[&$name,$limit,$offset]));

}
```

```
if($sizeIds!=null &&
$manufacturerIds!=null && $countryIds!=null
&& $epochIds!=null && $name!=null){

    $sizeIdsQueryString = implode(',',  

array_fill(0, count($sizeIds), '?'));

    $manufacturerIdsQueryString =
implode(',', array_fill(0,
count($manufacturerIds), '?'));

    $countryIdsQueryString = implode(',',  

array_fill(0, count($countryIds), '?'));

    $epochIdsQueryString = implode(',',  

array_fill(0, count($epochIds), '?'));

    if($sortingCategoryId==1){

        $query = "SELECT * FROM reports r  

INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
```

```
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
ORDER BY carName ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==2){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
```

```
countryId IN (".$countryIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
ORDER BY carName DESC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==3){

    $query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (".$sizeIdsQueryString.") AND
manufacturerId IN
(".$manufacturerIdsQueryString.") AND
countryId IN (".$countryIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
ORDER BY epochId ASC LIMIT ?, ?;";
```

```
}
```

```
else if($sortingCategoryId==4){
```

```
    $query = "SELECT * FROM reports r  
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN  
manufacturers m ON r.manufacturerId = m.id  
INNER JOIN countries c ON r.countryId = c.id  
INNER JOIN epochs e ON r.epochId=e.id WHERE  
sizeId IN (".$sizeIdsQueryString.") AND  
manufacturerId IN  
(".$manufacturerIdsQueryString.") AND  
countryId IN (".$countryIdsQueryString.") AND  
epochId IN (".$epochIdsQueryString.") AND  
carName LIKE UPPER(CONCAT( '%', ? , '%'))  
ORDER BY epochId DESC LIMIT ?, ?;";
```

```
}
```

```
else {
```

```
$query = "SELECT * FROM reports r
INNER JOIN sizes s ON r.sizeId=s.id INNER JOIN
manufacturers m ON r.manufacturerId = m.id
INNER JOIN countries c ON r.countryId = c.id
INNER JOIN epochs e ON r.epochId=e.id WHERE
sizeId IN (\".$sizeIdsQueryString.\") AND
manufacturerId IN
(\".$manufacturerIdsQueryString.\") AND
countryId IN (\".$countryIdsQueryString.\") AND
epochId IN (\".$epochIdsQueryString.\") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))
LIMIT ?, ?;";

}

$result = $conn->prepare($query);

$result-
>execute(array_merge($sizeIds,$manufacturerI
ds,$countryIds,$epochIds,[ $name,$limit,$offset
]));
```

```
}

$response=$result->fetchAll();

return $response;

}

function

showNumberOfReports($sizeIds,$manufacturer
Ids,$countryIds,$epochIds,$name){

    global $conn;

    if($sizeIds==null &&
$manufacturerIds==null && $countryIds==null
&& $epochIds==null && $name==null){

        //0000

        $query = "SELECT COUNT(*) AS
numberOfReports FROM reports;";

        $result = $conn->query($query);

    }

}
```

```
if($sizeIds==null &&
$manufacturerIds==null && $countryIds==null
&& $epochIds==null && $name!=null){

//0001

$query = "SELECT COUNT(*) AS
numberOfReports FROM reports WHERE
carName LIKE UPPER(CONCAT( '%', ? , '%'));";

$result = $conn->prepare($query);

$result->execute([$name]);

}

if($sizeIds==null &&
$manufacturerIds==null && $countryIds==null
&& $epochIds!=null && $name==null){

//0010

$epochIdsQueryString = implode(',',
array_fill(0, count($epochIds), '?'));
```

```
$query = "SELECT COUNT(*) AS
numberOfReports FROM reports WHERE
epochId IN (\".$epochIdsQueryString.\");";

$result = $conn->prepare($query);

$result->execute($epochIds);

}

if($sizeIds==null &&
$manufacturerIds==null && $countryIds==null
&& $epochIds!=null && $name!=null){

//0011

$epochIdsQueryString = implode(',',
array_fill(0, count($epochIds), '?'));

$query = "SELECT COUNT(*) AS
numberOfReports FROM reports WHERE
epochId IN (\".$epochIdsQueryString.\") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'));"
```

```
$result = $conn->prepare($query);

$result-
>execute(array_merge($epochIds,[ $name ]));

}

if($sizeIds==null &&
$manufacturerIds!=null && $countryIds==null
&& $epochIds==null && $name==null){

//0100

$manufacturerIdsQueryString =
implode( ', ', array_fill(0,
count($manufacturerIds), '?' ) );

$query = "SELECT COUNT(*) AS
numberOfReports FROM reports WHERE
manufacturerId IN
(\".$manufacturerIdsQueryString.\")";;

$result = $conn->prepare($query);
```

```
$result->execute($manufacturerIds);

}

if($sizeIds==null &&
$manufacturerIds!=null && $countryIds!=null
&& $epochIds==null && $name==null){

    $manufacturerIdsQueryString =
implode(',', array_fill(0,
count($manufacturerIds), '?'));

    $countryIdsQueryString = implode(',', 
array_fill(0, count($countryIds), '?'));

    $query = "SELECT COUNT(*) AS
numberOfReports FROM reports WHERE
manufacturerId IN
(\".$manufacturerIdsQueryString.\") AND
countryId IN (\".$countryIdsQueryString.\");";

    $result = $conn->prepare($query);
```

```
$result-  
>execute(array_merge($manufacturerIds,$cou  
ntryIds));  
  
}  
  
if($sizeIds==null &&  
$manufacturerIds==null && $countryIds!=null  
&& $epochIds==null && $name==null){  
  
    $countryIdsQueryString = implode(',',  
array_fill(0, count($countryIds), '?'));  
  
    $query = "SELECT COUNT(*) AS  
numberOfReports FROM reports WHERE  
countryId IN (". $countryIdsQueryString .");";  
  
    $result = $conn->prepare($query);  
  
    $result->execute($countryIds);  
  
}
```

```
if($sizeIds==null &&
$manufacturerIds!=null && $countryIds==null
&& $epochIds==null && $name!=null){

    //0101

    $manufacturerIdsQueryString =
implode(',', array_fill(0,
count($manufacturerIds), '?'));

    $query = "SELECT COUNT(*) AS
numberOfReports FROM reports WHERE
manufacturerId IN
(\".$manufacturerIdsQueryString.\") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'));";

    $result = $conn->prepare($query);

    $result-
>execute(array_merge($manufacturerIds,[
$name]));
}


```

```
if($sizeIds==null &&
$manufacturerIds!=null && $countryIds!=null
&& $epochIds==null && $name!=null){

    $manufacturerIdsQueryString =
implode(',', array_fill(0,
count($manufacturerIds), '?'));

    $countryIdsQueryString = implode(',', 
array_fill(0, count($countryIds), '?'));

    $query = "SELECT COUNT(*) AS
numberOfReports FROM reports WHERE
manufacturerId IN
(\".$manufacturerIdsQueryString.\") AND
countryId IN (\".$countryIdsQueryString.\") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'));";

    $result = $conn->prepare($query);
```

```
$result-
>execute(array_merge($manufacturerIds,$cou
ntryIds,[ $name ]));

}

if( $sizeIds==null &&
$manufacturerIds==null && $countryIds!=null
&& $epochIds==null && $name!=null){

    $countryIdsQueryString = implode( ',',
array_fill(0, count($countryIds), '?'));

    $query = "SELECT COUNT(*) AS
numberOfReports FROM reports WHERE
countryId IN ( ".$countryIdsQueryString." ) AND
carName LIKE UPPER( CONCAT( '%', ? , '%' ));";

    $result = $conn->prepare($query);

    $result-
>execute(array_merge($countryIds,[ $name ]));

}
```

```
if($sizeIds==null &&
$manufacturerIds!=null && $countryIds==null
&& $epochIds!=null && $name==null){

//0110

$manufacturerIdsQueryString =
implode(',', array_fill(0,
count($manufacturerIds), '?'));

$epochIdsQueryString = implode(',', 
array_fill(0, count($epochIds), '?'));

$query = "SELECT COUNT(*) AS
numberOfReports FROM reports WHERE
manufacturerId IN
(\".$manufacturerIdsQueryString.\") AND
epochId IN (\".$epochIdsQueryString.\");";

$result = $conn->prepare($query);
```

```
$result-  
>execute(array_merge($manufacturerIds,$epochIds));  
  
}  
  
if($sizeIds==null &&  
$manufacturerIds!=null && $countryIds!=null  
&& $epochIds!=null && $name==null){  
  
    $manufacturerIdsQueryString =  
implode(',', array_fill(0,  
count($manufacturerIds), '?'));  
  
    $countryIdsQueryString = implode(',',  
array_fill(0, count($countryIds), '?'));  
  
    $epochIdsQueryString = implode(',',  
array_fill(0, count($epochIds), '?'));  
  
    $query = "SELECT COUNT(*) AS  
numberOfReports FROM reports WHERE  
manufacturerId IN
```

```
(".{$manufacturerIdsQueryString}") AND
countryId IN (".{$countryIdsQueryString}") AND
epochId IN (".{$epochIdsQueryString}");";

$result = $conn->prepare($query);

$result-
>execute(array_merge($manufacturerIds,$cou
ntryIds,$epochIds));

}

if($sizeIds==null &&
$manufacturerIds==null && $countryIds!=null
&& $epochIds!=null && $name==null){

    $countryIdsQueryString = implode(',', 
array_fill(0, count($countryIds), '?'));

    $epochIdsQueryString = implode(',', 
array_fill(0, count($epochIds), '?'));

$query = "SELECT COUNT(*) AS
numberOfReports FROM reports WHERE
```

```
countryId IN (".$countryIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.");";

$result = $conn->prepare($query);

$result-
>execute(array_merge($countryIds,$epochIds))
;

}

if($sizeIds==null &&
$manufacturerIds!=null && $countryIds==null
&& $epochIds!=null && $name!=null){

//0111

$manufacturerIdsQueryString =
implode(',', array_fill(0,
count($manufacturerIds), '?'));

$epochIdsQueryString = implode(',', 
array_fill(0, count($epochIds), '?'));
```

```
$query = "SELECT COUNT(*) AS
numberOfReports FROM reports WHERE
manufacturerId IN
(\".$manufacturerIdsQueryString.\") AND
epochId IN (\".$epochIdsQueryString.\") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))";

$result = $conn->prepare($query);

$result-
>execute(array_merge($manufacturerIds,$epo
chIds,[ $name ]));

}

if($sizeIds==null &&
$manufacturerIds!=null && $countryIds!=null
&& $epochIds!=null && $name!=null){

    $manufacturerIdsQueryString =
implode(',', array_fill(0,
count($manufacturerIds), '?'));
```

```
$countryIdsQueryString = implode(',',  
array_fill(0, count($countryIds), '?'));  
  
$epochIdsQueryString = implode(',',  
array_fill(0, count($epochIds), '?'));  
  
$query = "SELECT COUNT(*) AS  
numberOfReports FROM reports WHERE  
manufacturerId IN  
(".$manufacturerIdsQueryString.") AND  
countryId IN (".$countryIdsQueryString.") AND  
epochId IN (".$epochIdsQueryString.") AND  
carName LIKE UPPER(CONCAT( '%', ? , '%'))";  
  
$result = $conn->prepare($query);  
  
$result-  
>execute(array_merge($manufacturerIds,$cou  
ntryIds,$epochIds,[ $name ]));  
  
}
```

```
if($sizeIds==null &&
$manufacturerIds==null && $countryIds!=null
&& $epochIds!=null && $name!=null){

    $countryIdsQueryString = implode(',',$array_fill(0, count($countryIds), '?'));

    $epochIdsQueryString = implode(',',$array_fill(0, count($epochIds), '?'));

    $query = "SELECT COUNT(*) AS
numberOfReports FROM reports WHERE
countryId IN (".$countryIdsQueryString.") AND
epochId IN (".$epochIdsQueryString.") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))";;

    $result = $conn->prepare($query);

    $result-
>execute(array_merge($countryIds,$epochIds,[

$name]));;

}

} 
```

```
if($sizeIds!=null &&
$manufacturerIds==null && $countryIds==null
&& $epochIds==null && $name==null){

//1000

    $sizeIdsQueryString = implode(',',array_fill(0, count($sizeIds), '?'));

    $query = "SELECT COUNT(*) AS
numberOfReports FROM reports WHERE sizeId
IN (". $sizeIdsQueryString.");";

    $result = $conn->prepare($query);

    $result->execute($sizeIds);

}

if($sizeIds!=null &&
$manufacturerIds==null && $countryIds==null
&& $epochIds==null && $name!=null){

//1001
```

```
$sizeIdsQueryString = implode(',',  
array_fill(0, count($sizeIds), '?'));  
  
$query = "SELECT COUNT(*) AS  
numberOfReports FROM reports WHERE sizeId  
IN (". $sizeIdsQueryString .") AND carName LIKE  
UPPER(CONCAT( '%', ? , '%'))";  
  
$result = $conn->prepare($query);  
  
$result-  
>execute(array_merge($sizeIds,[ $name]));  
  
}  
  
if($sizeIds!=null &&  
$manufacturerIds==null && $countryIds==null  
&& $epochIds!=null && $name==null){  
  
//1010  
  
$sizeIdsQueryString = implode(',',  
array_fill(0, count($sizeIds), '?'));
```

```
$epochIdsQueryString = implode(',',  
array_fill(0, count($epochIds), '?'));  
  
$query = "SELECT COUNT(*) AS  
numberOfReports FROM reports WHERE sizeId  
IN (". $sizeIdsQueryString .") AND epochId IN  
(".$epochIdsQueryString.");"  
  
$result = $conn->prepare($query);  
  
$result-  
>execute(array_merge($sizeIds,$epochIds));  
  
}  
  
if($sizeIds!=null &&  
$manufacturerIds==null && $countryIds==null  
&& $epochIds!=null && $name!=null){  
  
//1011  
  
$sizeIdsQueryString = implode(',',  
array_fill(0, count($sizeIds), '?'));
```

```
$epochIdsQueryString = implode(',',  
array_fill(0, count($epochIds), '?'));  
  
$query = "SELECT COUNT(*) AS  
numberOfReports FROM reports WHERE sizeId  
IN (". $sizeIdsQueryString .") AND epochId IN  
(". $epochIdsQueryString .") AND carName LIKE  
UPPER(CONCAT( '%', ? , '%'))";  
  
$result = $conn->prepare($query);  
  
$result-  
>execute(array_merge($sizeIds,$epochIds,[  
name]));  
  
}  
  
if($sizeIds!=null &&  
$manufacturerIds!=null && $countryIds==null  
&& $epochIds==null && $name==null){  
  
//1100
```

```
$sizeIdsQueryString = implode(',',  
array_fill(0, count($sizeIds), '?'));  
  
$manufacturerIdsQueryString =  
implode(',', array_fill(0,  
count($manufacturerIds), '?'));  
  
$query = "SELECT COUNT(*) AS  
numberOfReports FROM reports WHERE sizeId  
IN (".$sizeIdsQueryString.") AND  
manufacturerId IN  
(".$manufacturerIdsQueryString.");";  
  
$result = $conn->prepare($query);  
  
$result-  
>execute(array_merge($sizeIds,$manufacturerI  
ds));  
  
}
```

```
if($sizeIds!=null &&
$manufacturerIds!=null && $countryIds!=null
&& $epochIds==null && $name==null){

    $sizeIdsQueryString = implode(',',  

array_fill(0, count($sizeIds), '?'));

    $manufacturerIdsQueryString =
implode(',', array_fill(0,
count($manufacturerIds), '?'));

    $countryIdsQueryString = implode(',',  

array_fill(0, count($countryIds), '?'));

    $query = "SELECT COUNT(*) AS
numberOfReports FROM reports WHERE sizeId
IN (\".$sizeIdsQueryString.\") AND
manufacturerId IN
(\".$manufacturerIdsQueryString.\") AND
countryId IN (\".$countryIdsQueryString.\");";

    $result = $conn->prepare($query);
```

```
$result-  
>execute(array_merge($sizeIds,$manufacturerI  
ds,$countryIds));  
  
}  
  
if($sizeIds!=null &&  
$manufacturerIds==null && $countryIds!=null  
&& $epochIds==null && $name==null){  
  
    $sizeIdsQueryString = implode(',',  
array_fill(0, count($sizeIds), '?'));  
  
    $countryIdsQueryString = implode(',',  
array_fill(0, count($countryIds), '?'));  
  
    $query = "SELECT COUNT(*) AS  
numberOfReports FROM reports WHERE sizeId  
IN (\".$sizeIdsQueryString.\") AND countryId IN  
(\".$countryIdsQueryString.\");";  
  
    $result = $conn->prepare($query);
```

```
$result-  
>execute(array_merge($sizeIds,$countryIds));  
  
}  
  
if($sizeIds!=null &&  
$manufacturerIds!=null && $countryIds==null  
&& $epochIds==null && $name!=null){  
  
    //1101  
  
    $sizeIdsQueryString = implode(',',  
array_fill(0, count($sizeIds), '?'));  
  
    $manufacturerIdsQueryString =  
implode(',', array_fill(0,  
count($manufacturerIds), '?'));  
  
    $query = "SELECT COUNT(*) AS  
numberOfReports FROM reports WHERE sizeId  
IN (\".$sizeIdsQueryString.\") AND  
manufacturerId IN
```

```
(".{$manufacturerIdsQueryString}") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))";

$result = $conn->prepare($query);

$result-
>execute(array_merge($sizeIds,$manufacturerI
ds,[ $name ]));

}

if($sizeIds!=null &&
$manufacturerIds!=null && $countryIds!=null
&& $epochIds==null && $name!=null){

    $sizeIdsQueryString = implode(',',$_
array_fill(0, count($sizeIds), '?'));

    $manufacturerIdsQueryString =
implode(',',$array_fill(0,
count($manufacturerIds), '?'));

    $countryIdsQueryString = implode(',',$_
array_fill(0, count($countryIds), '?'));
```

```
$query = "SELECT COUNT(*) AS
numberOfReports FROM reports WHERE sizeId
IN (\".$sizeIdsQueryString.\") AND
manufacturerId IN
(\".$manufacturerIdsQueryString.\") AND
countryId IN (\".$countryIdsQueryString.\") AND
carName LIKE UPPER(CONCAT( '%', ? , '%'))";;

$result = $conn->prepare($query);

$result-
>execute(array_merge($sizeIds,$manufacturerI
ds,$countryIds,[ $name ]));

}

if($sizeIds!=null &&
$manufacturerIds==null && $countryIds!=null
&& $epochIds==null && $name!=null){

    $sizeIdsQueryString = implode(',',

array_fill(0, count($sizeIds), '?'));
```

```
$countryIdsQueryString = implode(',',  
array_fill(0, count($countryIds), '?'));  
  
$query = "SELECT COUNT(*) AS  
numberOfReports FROM reports WHERE sizeId  
IN (\".$sizeIdsQueryString.\") AND countryId IN  
(\".$countryIdsQueryString.\") AND carName LIKE  
UPPER(CONCAT( '%', ? , '%'))";  
  
$result = $conn->prepare($query);  
  
$result-  
>execute(array_merge($sizeIds,$countryIds,[  
ame]));  
  
}  
  
if($sizeIds!=null &&  
$manufacturerIds!=null && $countryIds==null  
&& $epochIds!=null && $name==null){  
  
//1110
```

```
$sizeIdsQueryString = implode(',',  
array_fill(0, count($sizeIds), '?'));  
  
$manufacturerIdsQueryString =  
implode(',', array_fill(0,  
count($manufacturerIds), '?'));  
  
$epochIdsQueryString = implode(',',  
array_fill(0, count($epochIds), '?'));  
  
$query = "SELECT COUNT(*) AS  
numberOfReports FROM reports WHERE sizeId  
IN (". $sizeIdsQueryString .") AND  
manufacturerId IN  
(". $manufacturerIdsQueryString .") AND  
epochId IN (". $epochIdsQueryString .");";  
  
$result = $conn->prepare($query);  
  
$result-  
>execute(array_merge($sizeIds,$manufacturerI  
ds,$epochIds));
```

```
}

if($sizeIds!=null &&
$manufacturerIds==null && $countryIds!=null
&& $epochIds!=null && $name==null){

    $sizeIdsQueryString = implode(',',  

array_fill(0, count($sizeIds), '?'));

    $countryIdsQueryString = implode(',',  

array_fill(0, count($countryIds), '?'));

    $epochIdsQueryString = implode(',',  

array_fill(0, count($epochIds), '?'));

    $query = "SELECT COUNT(*) AS  

numberOfReports FROM reports WHERE sizeId  

IN (\".$sizeIdsQueryString.\") AND countryId IN  

(\".$countryIdsQueryString.\") AND epochId IN  

(\".$epochIdsQueryString.\");";

    $result = $conn->prepare($query);
```

```
$result-  
>execute(array_merge($sizeIds,$countryIds,$e  
pochIds));  
  
}  
  
if($sizeIds!=null &&  
$manufacturerIds!=null && $countryIds!=null  
&& $epochIds!=null && $name==null){  
  
    $sizeIdsQueryString = implode(',',  
array_fill(0, count($sizeIds), '?'));  
  
    $manufacturerIdsQueryString =  
implode(',', array_fill(0,  
count($manufacturerIds), '?'));  
  
    $countryIdsQueryString = implode(',',  
array_fill(0, count($countryIds), '?'));  
  
    $epochIdsQueryString = implode(',',  
array_fill(0, count($epochIds), '?'));
```

```
$query = "SELECT COUNT(*) AS
numberOfReports FROM reports WHERE sizeId
IN (\".$sizeIdsQueryString.\") AND
manufacturerId IN
(\".$manufacturerIdsQueryString.\") AND
countryId IN (\".$countryIdsQueryString.\") AND
epochId IN (\".$epochIdsQueryString.\");";

$result = $conn->prepare($query);

$result-
>execute(array_merge($sizeIds,$manufacturerI
ds,$countryIds,$epochIds));

}

if($sizeIds!=null &&
$manufacturerIds!=null && $countryIds==null
&& $epochIds!=null && $name!=null){
    //1111
```

```
$sizeIdsQueryString = implode(',',  
array_fill(0, count($sizeIds), '?'));  
  
$manufacturerIdsQueryString =  
implode(',', array_fill(0,  
count($manufacturerIds), '?'));  
  
$epochIdsQueryString = implode(',',  
array_fill(0, count($epochIds), '?'));  
  
$query = "SELECT COUNT(*) AS  
numberOfReports FROM reports WHERE sizeId  
IN (". $sizeIdsQueryString .") AND  
manufacturerId IN  
(". $manufacturerIdsQueryString .") AND  
epochId IN (". $epochIdsQueryString .") AND  
carName LIKE UPPER(CONCAT( '%', ? , '%'))";  
  
$result = $conn->prepare($query);
```

```
$result-  
>execute(array_merge($sizeIds,$manufacturerIds,$epochIds,[ $name]));  
  
}  
  
if($sizeIds!=null &&  
$manufacturerIds!=null && $countryIds!=null  
&& $epochIds!=null && $name!=null){  
  
    $sizeIdsQueryString = implode(',',  
array_fill(0, count($sizeIds), '?'));  
  
    $manufacturerIdsQueryString =  
implode(',', array_fill(0,  
count($manufacturerIds), '?'));  
  
    $countryIdsQueryString = implode(',',  
array_fill(0, count($countryIds), '?'));  
  
    $epochIdsQueryString = implode(',',  
array_fill(0, count($epochIds), '?'));
```

```
$query = "SELECT COUNT(*) AS  
numberOfReports FROM reports WHERE sizeId  
IN (\".$sizeIdsQueryString.\") AND  
manufacturerId IN  
(\".$manufacturerIdsQueryString.\") AND  
countryId IN (\".$countryIdsQueryString.\") AND  
epochId IN (\".$epochIdsQueryString.\") AND  
carName LIKE UPPER(CONCAT( '%', ? , '%'))";
```

```
$result = $conn->prepare($query);  
  
$result-  
>execute(array_merge($sizeIds,$manufacturerI  
ds,$countryIds,$epochIds,[ $name ]));  
  
}  
  
if($sizeIds!=null &&  
$manufacturerIds==null && $countryIds!=null  
&& $epochIds!=null && $name!=null){
```

```
$sizeIdsQueryString = implode(',',  
array_fill(0, count($sizeIds), '?'));  
  
$countryIdsQueryString = implode(',',  
array_fill(0, count($countryIds), '?'));  
  
$epochIdsQueryString = implode(',',  
array_fill(0, count($epochIds), '?'));  
  
$query = "SELECT COUNT(*) AS  
numberOfReports FROM reports WHERE sizeId  
IN (\".$sizeIdsQueryString.\") AND countryId IN  
(\".$countryIdsQueryString.\") AND epochId IN  
(\".$epochIdsQueryString.\") AND carName LIKE  
UPPER(CONCAT( '%', ? , '%'))";  
  
$result = $conn->prepare($query);  
  
$result-  
>execute(array_merge($sizeIds,$countryIds,$e  
pochIds,[ $name ]));  
  
}
```

```
$response=$result->fetch();  
return $response;  
}  
?>
```

○ models/insertingReport.php

```
<?php
    header("Content-type: application/json");
    if($_SERVER['REQUEST_METHOD'] == 'POST'){
        include "../config/conn.php";
        include "functions.php";
        try{
            $response = [];
            $errors = [];
            $title = $_POST['title'];
            $carName = $_POST['carName'];
            $size = $_POST['size'];
            $manufacturer = $_POST['manufacturer'];
            $country = $_POST['country'];
            $epoch = $_POST['epoch'];
            $reportKernel = $_POST['reportKernel'];
            if($title==""){
                $errors[]="The field for the title must not be left blank!";
            }
            if($carName==""){
                $errors[]="The field for the car name must not be left blank!";
            }
            if($size==""){
                $errors[]="The field for the size must not be left blank!";
            }
            if($manufacturer==""){
                $errors[]="The field for the manufacturer must not be left blank!";
            }
            if($country==""){
                $errors[]="The field for the country must not be left blank!";
            }
            if($epoch==""){
                $errors[]="The field for the epoch must not be left blank!";
            }
            if($reportKernel==""){
                $errors[]="The field for the report kernel must not be left blank!";
            }
        }
        if(isset($_FILES['carImage'])){
            $carImage = $_FILES['carImage'];
            $carImageName = time()."Inserting".$carImage['name'];
            $carImagePath = "../assets/img/".$carImageName;
        }
    }
}
```

```

$carImageTmpName = $carImage['tmp_name'];
$carImageMimeType = mime_content_type($carImageTmpName);
if($carImageMimeType=="image/jpeg") {
    if($carImage["size"] >= 32000) {
        $errors[]="Your image is too large. Upload only an image
up to 32KB.";
    }
    else {
        move_uploaded_file($carImageTmpName,$carImagePath);
        $carImageSize = getimagesize($carImagePath);
        $carImageWidth = $carImageSize[0];
        $carImageHeight = $carImageSize[1];
        $carThumbImageWidth = 510;
        $carThumbImageHeight = $carImageHeight/($carImageWidth/$c
arThumbImageWidth);
        $carImageResource = imagecreatefromjpeg($carImagePath);
        $carThumbImageCanvas = imagecreatetruecolor($carThumbImag
eWidth,$carThumbImageHeight);
        imagecopyresampled($carThumbImageCanvas,$carImageResource
,0,0,0,0,$carThumbImageWidth,$carThumbImageHeight,$carImageWidth,$carImageHeight)
        ;
        $carThumbImageName = time()."InsertingThumb".$carImage['n
ame'];
        $carThumbImagePath= "../assets/img/".$carThumbImageName;
        imagejpeg($carThumbImageCanvas,$carThumbImagePath);
    }
}
else {
    $errors[]="You have not uploaded allowed type of file. Upload
only a JPEG image.";
}
}
else {
    $errors[]="You have not uploaded an image.";
}
if(count($errors)==0){
    $sizeExists = sizeExists($size);
    $manufacturerExists = manufacturerExists($manufacturer);
    $countryExists = countryExists($country);
    $epochExists = epochExists($epoch);
    if(!$sizeExists){
        $addingSize = addingSize($size);
    }
    $sizeId = getSizeId($size)->id;
    if(!$manufacturerExists){

```

```

        $addingManufacturer = addingManufacturer($manufacturer);
    }
    $manufacturerId = getManufacturerId($manufacturer)->id;
    if(! $countryExists){
        $addingCountry = addingCountry($country);
    }
    $countryId = getCountryId($country)->id;
    if(! $epochExists){
        $addingEpoch = addingEpoch($epoch);
    }
    $epochId = getEpochId($epoch)->id;
    insertingReport($title,$carName,$carImageName,$carThumbImageName,
$sizeId,$manufacturerId,$countryId,$epochId,$reportKernel);
    $response = [ "message"=>"You have inserted a report successfully!
"];
    echo json_encode($response);
    http_response_code(200);
}
else {
    $response = [ "message"=>$errors];
    echo json_encode($response);
    http_response_code(200);
}
}
catch(PDOException $exception){
    http_response_code(500);
}
}
else{
    http_response_code(404);
}
?>
```

○ postingComment.php

```
<?php
    session_start();
    header("Content-type: application/json");
    if($_SERVER['REQUEST_METHOD'] == 'POST'){
        include "../config/conn.php";
        include "functions.php";
        try{
            $reportId = $_POST['reportId'];
            $comment = $_POST['comment'];
            $userId = $_SESSION['user']->id;
            $dateAndTime = date("Y-m-d h:i:s A");
            $errors = [];
            if($comment == ""){
                $errors[] = "The field for the comment must not be left blank!";
            }
            if(count($errors)==0){
                postingComment($userId,$comment,$dateAndTime,$reportId);
                $response = ["message"=>"You have successfully added a comment!"]
            ;
                echo json_encode($response);
                http_response_code(200);
            }
            else {
                $response = ["message"=>$errors];
                echo json_encode($response);
                http_response_code(200);
            }
        }
        catch(PDOException $exception){
            http_response_code(500);
        }
    }
    else{
        http_response_code(404);
    }
?>
```

○ models/sendingMessage.php

```
<?php
header("Content-type: application/json");
if($_SERVER['REQUEST_METHOD'] == 'POST'){
    include "../config/conn.php";
    include "functions.php";
    try{
        $firstName = $_POST['firstName'];
        $lastName = $_POST['lastName'];
        $emailAddress = $_POST['emailAddress'];
        $subjectId = $_POST['subjectId'];
        $message = $_POST['message'];
        $errors = [];
        if($firstName == ""){
            $errors[]="The field for the first name must not be left blank!";
        }
        else if(!preg_match("/^([A-ZČĆŽŠĐ][A-zČĆŽŠĐčćžšđ]+([ ]|[A-ZČĆŽŠĐ][A-zČĆŽŠĐčćžšđ]+)*$/",$firstName)){
            $errors[]="You have not filled the field for the first name properly. Example: Al McKay";
        }
        if($lastName == ""){
            $errors[]="The field for the last name must not be left blank!";
        }
        else if(!preg_match("/^([A-ZČĆŽŠĐ][A-zČĆŽŠĐčćžšđ]+([ ]|[A-ZČĆŽŠĐ][A-zČĆŽŠĐčćžšđ]+)*$/",$lastName)){
            $errors[]="You have not filled the field for the last name properly. Example: O'Bryant Junior";
        }
        if($emailAddress == ""){
            $errors[]="The field for the email address must not be left blank!";
        }
        else if(!preg_match("/^(?=.{6,30}@)[0-9a-zA-Z]+(?:\.[0-9a-zA-Z]+)*@[a-zA-Z]{2,}(?:\.[a-zA-Z]{2,})+$/", $emailAddress)){
            $errors[]="You have not filled the field for the email address properly. Example: 1james.caa1n@3mail.co.us";
        }
        if($subjectId == 0){
            $errors[]="You have to select a subject matter. Example: Compliment";
        }
        if($message == ""){

```

```
        $errors[]="The field for the message must not be left blank!";
    }
    if(count($errors)==0){
        $sendingMessage = sendingMessage($firstName,$lastName,$emailAddress,$subjectId,$message);
        $response = [ "message"=>"You have sent your message successfully!";
    ];
        echo json_encode($response);
        http_response_code(200);
    }
    else {
        $response = [ "message"=>$errors];
        echo json_encode($response);
        http_response_code(200);
    }
}
catch(PDOException $exception){
    http_response_code(500);
}
else{
    http_response_code(404);
}
?>
```

○ models/showAuthorInformation.php

```
<?php
    header("Content-type: application/json");
    if($_SERVER['REQUEST_METHOD'] == 'GET'){
        include "../config/conn.php";
        include "functions.php";
        try{
            $jsonAuthorInformation = showAuthorInformation();
            echo json_encode($jsonAuthorInformation);
            http_response_code(200);
        }
        catch(PDOException $exception){
            http_response_code(500);
        }
    }
    else{
        http_response_code(404);
    }
?>
```

○ models/showAuthorInformation2.php

```
<?php
    header("Content-type: application/json");
    if($_SERVER['REQUEST_METHOD'] == 'GET'){
        include "../config/conn.php";
        include "functions.php";
        try{
            $pieceOfInformationId = $_GET['pieceOfInformationId'];
            $jsonAuthorInformation2 = showAuthorInformation2($pieceOfInformationId);
            echo json_encode($jsonAuthorInformation2);
            http_response_code(200);
        }
        catch(PDOException $exception){
            http_response_code(500);
        }
    }
    else{
        http_response_code(404);
    }
?>
```

○ models/showCarousel.php

```
<?php
    header("Content-type: application/json");
    if($_SERVER['REQUEST_METHOD'] == 'GET'){
        include "../config/conn.php";
        include "functions.php";
        try{
            $jsonCarousel = showCarousel();
            echo json_encode($jsonCarousel);
            http_response_code(200);
        }
        catch(PDOException $exception){
            http_response_code(500);
        }
    }
    else{
        http_response_code(404);
    }
?>
```

○ models/showComments.php

```
<?php
    header("Content-type: application/json");
    if($_SERVER['REQUEST_METHOD'] == 'GET'){
        include "../config/conn.php";
        include "functions.php";
        try{
            $reportId = $_GET['reportId'];
            $jsonComments = showComments($reportId);
            echo json_encode($jsonComments);
            http_response_code(200);
        }
        catch(PDOException $exception){
            http_response_code(500);
        }
    }
    else{
        http_response_code(404);
    }
?>
```

○ models/showCountries.php

```
<?php
    header("Content-type: application/json");
    if($_SERVER['REQUEST_METHOD'] == 'GET'){
        include "../config/conn.php";
        include "functions.php";
        try{
            $jsonCountries = showCountries();
            echo json_encode($jsonCountries);
            http_response_code(200);
        }
        catch(PDOException $exception){
            http_response_code(500);
        }
    }
    else{
        http_response_code(404);
    }
?>
```

○ models/showEpochs.php

```
<?php
    header("Content-type: application/json");
    if($_SERVER['REQUEST_METHOD'] == 'GET'){
        include "../config/conn.php";
        include "functions.php";
        try{
            $jsonEpochs = showEpochs();
            echo json_encode($jsonEpochs);
            http_response_code(200);
        }
        catch(PDOException $exception){
            http_response_code(500);
        }
    }
    else{
        http_response_code(404);
    }
?>
```

○ models/showFooterLinks.php

```
<?php
    header("Content-type: application/json");
    if($_SERVER['REQUEST_METHOD'] == 'GET'){
        include "../config/conn.php";
        include "functions.php";

        try{
            $jsonFooterLinks = showFooterLinks();
            echo json_encode($jsonFooterLinks);
            http_response_code(200);
        }
        catch(PDOException $exception){
            http_response_code(500);
        }
    }
    else{
        http_response_code(404);
    }
?>
```

○ models/showManufacturers.php

```
<?php
    header("Content-type: application/json");
    if($_SERVER['REQUEST_METHOD'] == 'GET'){
        include "../config/conn.php";
        include "functions.php";
        try{
            $jsonManufacturers = showManufacturers();
            echo json_encode($jsonManufacturers);
            http_response_code(200);
        }
        catch(PDOException $exception){
            http_response_code(500);
        }
    }
    else{
        http_response_code(404);
    }
?>
```

○ models/showMenu.php

```
<?php
    session_start();
    header("Content-type: application/json");
    if($_SERVER['REQUEST_METHOD'] == 'GET'){
        include "../config/conn.php";
        include "functions.php";
        try{
            $jsonMenu = "";
            if(isset($_SESSION['user'])){
                $user = $_SESSION['user'];
                if($user->roleId==1){
                    $jsonMenu = showMenuForStaffMember();
                }
                else {
                    $jsonMenu = showMenuForCommunityMember();
                }
            }
            else{
                $jsonMenu = showMenuForNonSignedInUser();
            }
            echo json_encode($jsonMenu);
            http_response_code(200);
        }
        catch(PDOException $exception){
            http_response_code(500);
        }
    }
    else{
        http_response_code(404);
    }
?>
```

○ models/showReportsAndPages.php

```
<?php
    header("Content-type: application/json");
    if($_SERVER['REQUEST_METHOD'] == 'GET'){
        include "../config/conn.php";
        include "functions.php";
        try{
            $sizeIds = null;
            $manufacturerIds = null;
            $countryIds = null;
            $epochIds = null;
            $name = null;
            $sortingCategoryId = null;
            $limit = 0;
            if(!empty($_GET['sizeIdsString'])){
                $sizeIds = explode(",",$_GET['sizeIdsString']);
            }
            if(!empty($_GET['manufacturerIdsString'])){
                $manufacturerIds = explode(",",$_GET['manufacturerIdsString']);
            }
            if(!empty($_GET['countryIdsString'])){
                $countryIds = explode(",",$_GET['countryIdsString']);
            }
            if(!empty($_GET['epochIdsString'])){
                $epochIds = explode(",",$_GET['epochIdsString']);
            }
            if(!empty($_GET['name'])||(isset($_GET['name']) && $_GET['name']==0))
            {
                $name = $_GET['name'];
            }
            if(!empty($_GET['sortingCategoryId'])){
                $sortingCategoryId = $_GET['sortingCategoryId'];
            }
            if(!empty($_GET['limit'])){
                $limit = $_GET['limit'];
            }
            $jsonReports = showReports($sizeIds,$manufacturerIds,$countryIds,$epochIds,$name,$sortingCategoryId,$limit);
            $jsonNumberOfReports = showNumberOfReports($sizeIds,$manufacturerIds,$countryIds,$epochIds,$name);
            $jsonPages = ceil($jsonNumberOfReports->numberOfReports/OFFSET);
            // if(isset($_GET['limit'])){
            //     $limit = $_GET['limit'];
            //
```

```
//      $jsonReports = showReports($limit);
// }
// else{
//      $jsonReports = showReports();
// }
// $jsonPages = showPages();
echo json_encode([
    "reports"=>$jsonReports,
    "pages"=>$jsonPages
    //"pages"=>$jsonPages
]);
http_response_code(200);
}
catch(PDOException $exception){
    http_response_code(500);
}
}
else{
    http_response_code(404);
}
?>
```

○ models/showSizes.php

```
<?php
    header("Content-type: application/json");
    if($_SERVER['REQUEST_METHOD'] == 'GET'){
        include "../config/conn.php";
        include "functions.php";
        try{
            $jsonSizes = showSizes();
            echo json_encode($jsonSizes);
            http_response_code(200);
        }
        catch(PDOException $exception){
            http_response_code(500);
        }
    }
    else{
        http_response_code(404);
    }
?>
```

○ models/showSortingCategories.php

```
<?php
    header("Content-type: application/json");
    if($_SERVER['REQUEST_METHOD'] == 'GET'){
        include "../config/conn.php";
        include "functions.php";
        try{
            $jsonSortingCategories = showSortingCategories();
            echo json_encode($jsonSortingCategories);
            http_response_code(200);
        }
        catch(PDOException $exception){
            http_response_code(500);
        }
    }
    else{
        http_response_code(404);
    }
?>
```

○ models/showSubjects.php

```
<?php
    header("Content-type: application/json");
    if($_SERVER['REQUEST_METHOD'] == 'GET'){
        include "../config/conn.php";
        include "functions.php";
        try{
            $jsonSubjects = showSubjects();
            echo json_encode($jsonSubjects);
            http_response_code(200);
        }
        catch(PDOException $exception){
            http_response_code(500);
        }
    }
    else{
        http_response_code(404);
    }
?>
```

○ models/showUsers.php

```
<?php
    header("Content-type: application/json");
    if($_SERVER['REQUEST_METHOD'] == 'GET'){
        include "../config/conn.php";
        include "functions.php";
        try{
            $jsonUsers = showUsers();
            echo json_encode($jsonUsers);
            http_response_code(200);
        }
        catch(PDOException $exception){
            http_response_code(500);
        }
    }
    else{
        http_response_code(404);
    }
?>
```

○ models/signingIn.php

```
<?php
session_start();
header("Content-type: application/json");
if($_SERVER['REQUEST_METHOD'] == 'POST'){
    include "../config/conn.php";
    include "functions.php";
    try{
        $response = [];
        $username = $_POST['username'];
        $password = $_POST['password'];
        $encodedPassword=md5($password);
        $usernameExists = usernameExists($username);
        if($usernameExists){
            if($usernameExists->locked==null){
                $user = findUser($username,$encodedPassword);
                if($user){
                    $_SESSION['user']=$user;
                    if($user->roleId==1 && $user-
>password=="872b79d0cc75dffde95e324a38658db9"){
                        $response = ["message"=>$user->username];
                    }
                    else {
                        $response = ["message"=>"You have signed in successfully!"];
                    }
                    $date = date("Y-m-d");
                    $signingInData = $username.";".$date."\n";
                    $signingInLogFile = fopen("../data/signingInLog.txt","a")
;
                    fwrite($signingInLogFile,$signingInData);
                    fclose($signingInLogFile);
                }
                else {
                    $userId = $usernameExists->id;
                    increaseNumberOfWrongSignInAttempts($userId);
                    $dateAndTime = date("Y-m-d h:i:s A", strtotime("-
5 minutes"));
                    $numberOfWrongSignInAttemptsInTheLastFiveMinutes = get
NumberOfWrongSignInAttemptsInTheLastFiveMinutes($dateAndTime,$userId);
                    if($numberOfWrongSignInAttemptsInTheLastFiveMinutes -
>numberOfWrongSignInAttemptsInTheLastFiveMinutes==3){
                        lockingUser($userId);
                    }
                }
            }
        }
    }
}
```

```
        deletingSigningInAttempts($userId);
        $response = ["message"=>"Your account is locked!"];
    }
    else {
        $numberOfSigningInAttemptsLeft = 3 - $numberOfWrongSi
gningInAttemptsInTheLastFiveMinutes-
>numberOfWrongSigningInAttemptsInTheLastFiveMinutes;
        $response = ["message"=>"You have entered a wrong pas
sword. Number of signing in attempts left: ".$numberOfSigningInAttemptsLeft];
    }
}
else {
    $response = ["message"=>"Your account is locked!"];
}
else {
    $response = ["message"=>"There is not an user with that username
."];
}
echo json_encode($response);
http_response_code(200);
}
catch(PDOException $exception){
    http_response_code(500);
}
else{
    http_response_code(404);
}
?>
```

○ models/signingOut.php

```
<?php
    session_start();
    if(isset($_SESSION['user'])){
        unset($_SESSION['user']);
    }
    header('Location: ../index.php');
?>
```

○ models/signingUp.php

```
<?php
header("Content-type: application/json");
if($_SERVER['REQUEST_METHOD'] == 'POST'){
    include "../config/conn.php";
    include "functions.php";
    try{
        $firstName = $_POST['firstName'];
        $lastName = $_POST['lastName'];
        $emailAddress = $_POST['emailAddress'];
        $username = $_POST['username'];
        $password = $_POST['password'];
        $confirmPassword = $_POST['confirmPassword'];
        $errors = [];
        if($firstName == ""){
            $errors[]="The field for the first name must not be left blank!";
        }
        else if(!preg_match("/^([A-ZČĆŽĐ][A-zČĆŽĐčćžđ]+([ ][A-ZČĆŽĐ][A-zČĆŽĐčćžđ]+)*$/",$firstName)){
            $errors[]="You have not filled the field for the first name properly. Example: Al McKay";
        }
        if($lastName == ""){
            $errors[]="The field for the last name must not be left blank!";
        }
        else if(!preg_match("/^([A-ZČĆŽĐ][A-zČĆŽĐčćžđ]+([ ][A-ZČĆŽĐ][A-zČĆŽĐčćžđ]+)*$/",$lastName)){
            $errors[]="You have not filled the field for the last name properly. Example: O'Bryant Junior";
        }
        if($emailAddress == ""){
            $errors[]="The field for the email address must not be left blank!";
        }
        else if(!preg_match("/^(?=.{6,30}@)[0-9a-zA-Z]+(?:\.[0-9a-zA-Z]+)*@[a-zA-Z]{2,}(?:\.[a-zA-Z]{2,})+$/", $emailAddress)){
            $errors[]="You have not filled the field for the email address properly. Example: 1james.caa1n@3mail.co.us";
        }
        if($username == ""){
            $errors[]="The field for the username must not be left blank!";
        }
    }
}
```

```

        else if(!preg_match("/^(?=.*[a-z])(?=.*[A-Z])(?=.*[\0-\9]).{8,50}$/, $username)){
            $errors[] = "You have not filled the field for the user name properly. Example: s15iNatra";
        }
        if($password == ""){
            $errors[] = "The field for the password must not be left blank!";
        }
        else if(!preg_match("/^(?=.*[a-z])(?=.*[A-Z])(?=.*[\0-\9]).{8,50}$/, $password)){
            $errors[] = "You have not filled the field for the password properly. Example: rickleS26";
        }
        if($password != $confirmPassword){
            $errors[] = "Passwords do not match!";
        }
        if(count($errors) == 0){
            if(emailAddressExists($emailAddress)){
                $response = ["message" => "There is an user with the same email address."];
                echo json_encode($response);
                http_response_code(200);
            }
            else if(usernameExists($username)){
                $response = ["message" => "There is an user with the same username."];
                echo json_encode($response);
                http_response_code(200);
            }
            else {
                $encodedPassword = md5($password);
                $roleId = 2;
                $insertingUser = insertUser($firstName, $lastName, $emailAddress, $username, $encodedPassword, $roleId);
                $response = ["message" => "You have signed up successfully!"];
                echo json_encode($response);
                http_response_code(200);
            }
        }
        else {
            $response = ["message" => $errors];
            echo json_encode($response);
            http_response_code(200);
        }
    }
}

```

```
    catch(PDOException $exception){
        http_response_code(500);
    }
} else{
    http_response_code(404);
}
?>
```

○ views/fixed/carousel.php

```
<div class="carousel slide carousel-fade d-none d-md-block" data-  
ride="carousel" id="carouselOuter" data-pause="false" data-interval="2000">  
  <div class="carousel-inner" id="carouselInner">  
    </div>  
  </div>
```

○ views/fixed/footer.php

```
<footer class="container-fluid pt-5 pb-5 blackBackgroundColor">
    <div class="container">
        <div class="row">
            <div class="col-md-6">
                <h3 class="text-
center lightYellowColor">Vinport © 2021 All rights reserved</h3>
            </div>
            <div class="col-md-6">
                <ul id="footerLinks" class="d-flex justify-content-between"></ul>
            </div>
        </div>
    </div>
</footer>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></
script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.0/dist/js/bootstrap.bundle.min.js" integrity="sha384-
Piv4xVNRYMGpQkS2by6br4gNJ7DXjqk09RmUpJ8jgGtD7zP9yug3goQfGII0yAns" crossorigin="an
onymous"></script>
<script src="assets/js/main.js" type="text/javascript"></script>
</body>
</html>
```

○ views/fixed/header.php

```
<!DOCTYPE html>
<html>
    <head>
        <meta charset="UTF-8"/>
        <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
        <title>Vinport</title>
        <meta name="keywords" content="Vintage car report"/>
        <meta name="description" content="Vinport is non-profit making organization inteneded to bring knowledge of vintage cars to the world."/>
        <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.4.1/font/bootstrap-icons.css"/>
        <link href="https://fonts.googleapis.com/css2?family=Asap&display=swap" rel="stylesheet"/>
        <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.0/dist/css/bootstrap.min.css" integrity="sha384-B0vP5xmATw1+K9KRQjQERJvTumQW0nPEzvF6L/Z6nronJ3oUOFUFpCjEUQouq2+l" crossorigin="anonymous"/>
        <link rel="stylesheet" type="text/css" href="assets/css/style.css"/>
        <link rel="shortcut icon" href="assets/img/smallLogo.ico"/>
    </head>
    <body>
        <div class="container-fluid shadow lightYellowBackgroundColor fixed-top">
            <div class="container">
                <nav class="navbar navbar-expand-lg navbar-light">
                    <a class="navbar-brand" href="index.php"></a>
                    <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNavAltMarkup" aria-controls="navbarNavAltMarkup" aria-expanded="false" aria-label="Toggle navigation">
                        <span class="navbar-toggler-icon"></span>
                    </button>
                    <div class="collapse navbar-collapse" id="navbarNavAltMarkup">
                        <div class="navbar-nav ml-auto">
                            <ul class="navbar-nav d-flex align-items-center" id="menu">
                                </ul>
                            </div>
                        </div>
                    </nav>
                </div>
            </div>
        </div>
```

○ views/pages/404.php

```
<?php
    $page = "404";
?>
<div class="container-fluid pt-5 pb-5 lightYellowBackgroundColor">
    <div class="container">
        <h3 class="text-center blackColor">You do not have access to this page</h3>
    </div>
</div>
```

○ views/pages/author.php

```
<?php
    $page = "author";
?>
<div class="container-fluid pt-5 pb-5 lightYellowBackgroundColor">
    <div class="container pt-5 pt-md-0">
        <div class="col-12 pt-3 pt-md-0">
            <table class="shadow w-100">
                <tbody id="authorInformation">
                    </tbody>
            </table>
        </div>
        <div class="col-12">
            
        </div>
    </div>
</div>
```

○ views/pages/contribute.php

```
<?php
    if(isset($_SESSION['user'])){
        $page = "contribute";
    ?>
<div class="container-fluid lightYellowBackgroundColor">
    <div class="container">
        <form class="d-flex flex-column pt-5 pb-5" enctype="multipart/form-data">
            <h3 class="text-center blackColor pb-4">Contribution form</h3>
            <div class="form-group text-center">
                <label class="blackColor" for="carName">Car name</label>
                <input type="text" class="form-control blackColor lightYellowColor" id="carName"/>
            </div>
            <div class="form-group text-center">
                <label class="blackColor" for="carManufacturer">Car manufacturer</label>
                <input type="text" class="form-control blackColor lightYellowColor" id="carManufacturer"/>
            </div>
            <div class="form-group text-center">
                <label class="blackColor" for="carEpoch">Car epoch</label>
                <input type="text" class="form-control blackColor lightYellowColor" id="carEpoch"/>
            </div>
            <div class="form-group text-center">
                <label class="blackColor" for="carImage">Car image</label>
                <div class="custom-file">
                    <input type="file" class="custom-file-input" id="carImage"/>
                    <label for="carImage" class="custom-file-label blackColor lightYellowColor">Choose file</label>
                </div>
                <small id="carImageNote" class="form-text"></small>
            </div>
            <button type="button" id="contribute" class="btn btn-primary blackColor lightYellowColor">Contribute!</button>
        </form>
    </div>
</div>
<?php
    }
    else {
        header("Location: index.php?page=404");
    }
}
```

?> }

○ views/crudReports.php

```
<?php
    if($_SESSION['user']->roleId==1){
        $page = "crud reports";
    }
<div class="container-fluid lightYellowBackgroundColor pt-5 pt-md-0">
    <div class="container pt-5 pt-md-0">
        <div class="row pt-3 pt-md-0">
            <div class="col-12 col-md-4">
                <form>
                    <h3 id="sizesLabel" class="blackColor">Sizes<span class="bi bi-chevron-down ml-1"></span></h3>
                    <ul id="sizes"></ul>
                    <h3 id="manufacturersLabel" class="blackColor">Manufacturers<span class="bi bi-chevron-down ml-1"></span></h3>
                    <ul id="manufacturers"></ul>
                    <h3 id="countriesLabel" class="blackColor">Countries<span class="bi bi-chevron-down ml-1"></span></h3>
                    <ul id="countries"></ul>
                    <h3 id="epochsLabel" class="blackColor">Epochs<span class="bi bi-chevron-down ml-1"></span></h3>
                    <ul id="epochs"></ul>
                </form>
            </div>
            <div class="col-12 col-md-8">
                <form class="d-lg-flex justify-content-between">
                    <div class="form-group">
                        <label class="blackColor" for="sortingCategories"><h3>Sorting by...</h3></label>
                        <select id="sortingCategories" class="form-control blackBackgroundColor lightYellowColor">
                            </select>
                    </div>
                    <div class="form-group">
                        <label class="blackColor" for="searchByName"><h3>Search by name</h3></label>
                        <div class="d-flex">
                            <input type="search" class="form-control blackBackgroundColor lightYellowColor" id="searchByName"/><span class="bi bi-search ml-1 blackColor"></span>
                        </div>
                    </div>
                </form>
            </div>
        </div>
    </div>
</div>
```

```
<div id="reports" class="row justify-content-between ml-0 mr-0">
</div>
<div class="d-flex justify-content-between">
    <ul class="pagination" id="pages">
        </ul>
        <button type="button" class="btn btn-primary w-45 mb-3 blackBackgroundColor lightYellowColor" data-toggle="modal" data-target="#newReport">Add a report!</button>
    </div>
</div>
<?php
    }
    else {
        header("Location: index.php?page=404");
    }
?>
```

○ views/pages/crudUsers.php

```
<?php
    if($_SESSION['user']->roleId==1){
        $page = "crud reports";
    ?>
<div class="container-fluid lightYellowBackgroundColor pt-5 pt-md-0">
    <div class="container pt-5 pt-md-0">
        <div class="row pt-3 pt-md-0">
            <div class="col-12">
                <table id="users" class="w-100">
                    </table>
                <div id="userModals">
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>
<?php
    }
    else {
        header("Location: index.php?page=404");
    }
?>
```

○ views/pages/dashboard.php

```
<?php
    if($_SESSION['user']->roleId==1){
        $page = "dashboard";
    ?>
<div class="container-fluid pt-5 pb-5 lightYellowBackgroundColor">
    <div class="container pt-5 pt-md-0">
        <div class="row pt-3 pt-md-0">
            <div class="col-12 d-flex justify-content-between">
                <a href="index.php?page=crudReports" id="crudReports" class="blackColor" data-toggle="tooltip" data-placement="top" title="Click on link bellow to create, update or delete reports."><span class="bi bi-file-earmark-richtext-fill"></span></a>
                <a href="index.php?page=crudUsers" id="crudUsers" class="blackColor" data-toggle="tooltip" data-placement="top" title="Click on link bellow to create, update or delete users."><span class="bi bi-file-earmark-person-fill"></span></a>
                <a href="index.php?page=statistics" id="statistics" class="blackColor" data-toggle="tooltip" data-placement="top" title="Click on link bellow to see current site statistics."><span class="bi bi-clipboard-data"></span></a>
            </div>
        </div>
    </div>
<?php
    }
    else {
        header("Location: index.php?page=404");
    }
?>
```

○ views/pages/index.php

```
<?php
    $page = "index";
?>
<div class="container-fluid pt-5 pb-5 lightYellowBackgroundColor">
    <div class="container pt-5 pt-md-0">
        <div class="row pt-3 pt-md-0">
            <div class="col-md-6">
                
                <h3 class="text-center blackColor pt-
3">Vinport staff members often visit car museums</h3>
            </div>
            <div class="col-md-6">
                <h3 class="text-center blackColor pb-
4">Our enthusiastic story</h3>
                <p class="blackColor text-justify">Vinport is a non-
profit making organization that bases its activity on its specialized site intend-
ed as a free database to help all fans of vintage cars to quickly and easily find
all the information they are interested in. The word Vinport is a portmanteau co-
ined from the words vintage and report. The non-
profit making organization Vinport was founded in May 2000 and soon posted initia-
lly collected reports on vintage cars on its website. Vinport staff members are e-
nthusiasts who work hard on their reports in their free time to make them relevan-
t and accessible to everyone in one place. For this purpose, they visit car museu-
ms and collectors, many of whom are part of our staff or community. All of our re-
ports have accurate information and illustrations with respect to the detailed co-
ntrol of everything we publish by the diligent staff of our non-
profit making organization. Over time, Vinport's website has become one of the mo-
st reliable sources of information on vintage cars on the Internet.</p>
            </div>
        </div>
    </div>
</div>
<div class="container-fluid pt-5 pb-5 blackBackgroundColor">
    <div class="container">
        <div class="row">
            <div class="col-md-6">
                <h3 class="text-center lightYellowColor pb-
4">Mission and vision</h3>
                <p class="lightYellowColor text-
justify">Our mission is to function as an online database of classic cars whose d-
ata will be available to everyone completely free of charge. We want to bring the
```

se cars closer to people so that they understand them as silent witnesses of long -
gone times. Although they have long been outdated and obsolete for function of means of transportation, over time they have been given the function of a link to the past and this function makes them more important than they have ever been. The non-profit making organization Vinport believes that destroying or leaving to the too th of time of an individual vintage car is a loss of an individual link to the past and that each one of them is a piece of history for itself and that by preserving them we preserve the memory of the past times. We see ourselves as the most visited site on the topic of vintage cars on the Internet as well as the first choice of all those who need certain information about them either out of curiosity or more practical reasons.</p>

```
</div>
<div class="col-md-6">
    
    <h3 class="text-center lightYellowColor pt-3">Our mission is to function as an online database</h3>
</div>
</div>
</div>
<div class="container-fluid pt-5 pb-5 lightYellowBackgroundColor">
    <div class="container">
        <div class="row">
            <div class="col-md-6">
                
                <h3 class="text-center blackColor pt-3">1960s Fiat 500 D</h3>
            </div>
            <div class="col-md-6">
                <h3 class="text-center blackColor pb-4">As time goes by...</h3>
                <p class="blackColor text-justify">The non-profit making organization Vinport believes that a period of 30 years is enough for a car to be considered a classic, and therefore in our reports we process cars produced in epochs of 10 years up to 1989. We do not analyze cars manufactured before 1940 because we take that year as the beginning of the golden age of the automobile industry, which was still in its infancy until then. Vinport's reports include vintage cars from various manufacturers such as Fiat, Lancia, Austin-Healey, Buick, Chevrolet and so forth, from various countries such as Italy, the United Kingdom, the United States and so forth. In the reports, we analyze a specific model in all its variants and do not analyze each version separately because there can be very many of them without a substantial difference between them. In the reports of our non-
```

```
profit making organization, we summarize information related to each individual variant of the car, whether it is a coupe, sedan, estate wagon or convertible.</p>
        </div>
    </div>
</div>
<div class="container-fluid pt-5 pb-5 blackBackgroundColor">
    <div class="container">
        <div class="row">
            <div class="col-md-6">
                <h3 class="text-center lightYellowColor pb-4">Be part of our community</h3>
                <p class="lightYellowColor text-justify">The non-profit making organization Vinport has no headquarters, but its database is maintained by members of our hardworking staff around the world who tirelessly search for data related to vintage cars, summarizing them in the usable information from which our reports are made. You can also be part of a huge community that extends around the world. All you need to do is to sign up and you will get right to post comments on all of our reports and share your opinion or experience with the rest of the community and our staff. And that's not all, by joining you will be able to help our noble mission much more tangibly by being able to send pictures of vintage cars of which you are the author and thus facilitate the work of making reports to our staff. It would be highly desirable, though not mandatory, to send the name of the car, its epoch and name of manufacturer too in the description fields to help our staff identify the car more easily. But if you don't know that, don't despair, our staff will check the accuracy of your contribution anyway in order to make a reliable product in the form of a report.</p>
            </div>
            <div class="col-md-6">
                
                <h3 class="text-center lightYellowColor pt-3">Our community extends around the world</h3>
            </div>
        </div>
    </div>
<div class="container-fluid lightYellowBackgroundColor">
    <div class="container">
        <form class="d-flex flex-column pt-5 pb-5">
            <h3 class="text-center blackColor pb-4">Contact form</h3>
            <div class="form-row">
                <div class="form-group col-md-6 text-center">
                    <label class="blackColor" for="firstName">First name</label>
```

```
        <input type="text" class="form-
control blackColor lightYellowColor" id="firstName">
            <small id="firstNameNote" class="form-text"></small>
        </div>
        <div class="form-group col-md-6 text-center">
            <label class="blackColor" for="lastName">Last name</label>
            <input type="text" class="form-
control blackColor lightYellowColor" id="lastName">
                <small id="lastNameNote" class="form-text"></small>
            </div>
        </div>
        <div class="form-row">
            <div class="form-group col-md-6 text-center">
                <label class="blackColor" for="emailAddress">Email address</label>
            >
                <input type="text" class="form-
control blackColor lightYellowColor" id="emailAddress">
                    <small id="emailAddressNote" class="form-text"></small>
                </div>
                <div class="form-group col-md-6 text-center">
                    <label class="blackColor" for="subjects">Subject</label>
                    <select class="form-
control blackColor lightYellowColor" id="subjects">
                        </select>
                        <small id="subjectNote" class="form-text"></small>
                    </div>
                </div>
                <div class="form-group text-center">
                    <label class="blackColor" for="message">Message</label>
                    <textarea class="form-
control blackColor lightYellowColor" id="message" rows="3"></textarea>
                    <small id="messageNote" class="form-text"></small>
                </div>
                <button type="button" id="sendMessage" class="btn btn-
primary blackColor lightYellowColor">Send your message!</button>
            </div>
        </div>
    </div>
```

○ views/pages/reports.php

```
<?php
    $page = "reports";
?>
<div class="container-fluid lightYellowBackgroundColor pt-5 pt-md-0">
    <div class="container pt-5 pt-md-0">
        <div class="row pt-3 pt-md-0">
            <div class="col-12 col-md-4">
                <form>
                    <h3 id="sizesLabel" class="blackColor">Sizes<span class="bi bi-chevron-down ml-1"></span></h3>
                    <ul id="sizes"></ul>
                    <h3 id="manufacturersLabel" class="blackColor">Manufacturers<span class="bi bi-chevron-down ml-1"></span></h3>
                    <ul id="manufacturers"></ul>
                    <h3 id="countriesLabel" class="blackColor">Countries<span class="bi bi-chevron-down ml-1"></span></h3>
                    <ul id="countries"></ul>
                    <h3 id="epochsLabel" class="blackColor">Epochs<span class="bi bi-chevron-down ml-1"></span></h3>
                    <ul id="epochs"></ul>
                </form>
            </div>
            <div class="col-12 col-md-8">
                <form class="d-lg-flex justify-content-between">
                    <div class="form-group">
                        <label class="blackColor" for="sortingCategories"><h3>Sorting by...</h3></label>
                        <select id="sortingCategories" class="form-control blackBackgroundColor lightYellowColor">
                            </select>
                    </div>
                    <div class="form-group">
                        <label class="blackColor" for="searchByName"><h3>Search by name</h3></label>
                        <div class="d-flex">
                            <input type="search" class="form-control blackBackgroundColor lightYellowColor" id="searchByName"/><span class="bi bi-search ml-1 blackColor"></span>
                        </div>
                    </div>
                </form>
            <div id="reports" class="row justify-content-between ml-0 mr-0">
```

```
</div>
<div class="d-flex justify-content-between">
    <ul class="pagination" id="pages">
        </ul>
        <button id="downloadAnExcelFile" class="lightYellowBackground
Color blackColor" data-toggle="tooltip" data-
placement="top" title="Click on this button to download our reports."><span class
="bi bi-file-earmark-excel-fill"></span></button>
            <a href="javascript:void(0)" id="downloadReports" style="disp
lay: none;">
                <button type="button" id="excel"></button>
            </a>
        </div>
    </div>
</div>
</div>
```

○ views/pages/signIn.php

```
<?php
    if(!isset($_SESSION['user'])){
        $page = "sign in";
    ?>
<div class="container-fluid lightYellowBackgroundColor">
    <div class="container">
        <form class="d-flex flex-column pt-5 pb-5">
            <h3 class="text-center blackColor pb-4">Signing in form</h3>
            <div class="form-group text-center">
                <label class="blackColor" for="username">Username</label>
                <input type="text" class="form-control blackBackgroundColor lightYellowColor" id="username"/>
            </div>
            <div class="form-group text-center">
                <label class="blackColor" for="password">Password</label>
                <input type="password" class="form-control blackBackgroundColor lightYellowColor" id="password"/>
            </div>
            <button type="button" id="signIn" class="btn btn-primary blackBackgroundColor lightYellowColor">Sign in!</button>
        </form>
    </div>
</div>
<?php
    }
    else {
        header("Location: index.php?page=404");
    }
?>
```

○ views/pages/signUp.php

```
<?php
    if(!isset($_SESSION['user'])){
        $page = "sign up";
    }
<div class="container-fluid lightYellowBackgroundColor">
    <div class="container">
        <form class="d-flex flex-column pt-5 pb-5">
            <h3 class="text-center blackColor pb-4">Signing up form</h3>
            <div class="form-row">
                <div class="form-group col-md-6 text-center">
                    <label class="blackColor" for="firstName">First name</label>
                    <input type="text" class="form-control blackColor lightYellowColor" id="firstName"/>
                    <small id="firstNameNote" class="form-text"></small>
                </div>
                <div class="form-group col-md-6 text-center">
                    <label class="blackColor" for="lastName">Last name</label>
                    <input type="text" class="form-control blackColor lightYellowColor" id="lastName"/>
                    <small id="lastNameNote" class="form-text"></small>
                </div>
            </div>
            <div class="form-row">
                <div class="form-group col-md-6 text-center">
                    <label class="blackColor" for="emailAddress">Email address</label>
                    <input type="text" class="form-control blackColor lightYellowColor" id="emailAddress"/>
                    <small id="emailAddressNote" class="form-text"></small>
                </div>
                <div class="form-group col-md-6 text-center">
                    <label class="blackColor" for="username">Username</label>
                    <input type="text" class="form-control blackColor lightYellowColor" id="username"/>
                    <small id="usernameNote" class="form-text"></small>
                </div>
            </div>
            <div class="form-row">
                <div class="form-group col-md-6 text-center">
                    <label class="blackColor" for="password">Password</label>
                    <input type="password" class="form-control blackColor lightYellowColor" id="password"/>
                </div>
            </div>
        </form>
    </div>
</div>
```

```
        <small id="passwordNote" class="form-text"></small>
    </div>
    <div class="form-group col-md-6 text-center">
        <label class="blackColor" for="confirmPassword">Confirm password</label>
        <input type="password" class="form-control blackBackgroundColor lightYellowColor" id="confirmPassword"/>
        <small id="confirmPasswordNote" class="form-text"></small>
    </div>
    <button type="button" id="signUp" class="btn btn-primary blackBackgroundColor lightYellowColor">Sign up!</button>
</form>
</div>
<?php
    }
    else {
        header("Location: index.php?page=404");
    }
?>
```

○ views/pages/statistics.php

```
<?php
    if($_SESSION['user']->roleId==1){
        $page = "statistics";
    ?>
<div class="container-fluid lightYellowBackgroundColor pt-5 pt-md-0">
    <div class="container pt-5 pt-md-0">
        <div class="row">
            <div class="col-12 pt-5 pb-5">
                <h3 class="text-center blackColor">Site access per page in the last 24 hours:</h3>
                <?php
                    $accessLogs = file("data/accessLog.txt",FILE_IGNORE_NEW_LINES
| FILE_SKIP_EMPTY_LINES);
                    $absoluteNumberOfVisitsToIndex = 0;
                    $absoluteNumberOfVisitsToReports = 0;
                    $absoluteNumberOfVisitsToAuthor = 0;
                    $absoluteNumberOfVisitsToDashboard = 0;
                    $absoluteNumberOfVisitsToFourHundredAndFour = 0;
                    $absoluteNumberOfVisitsToContribute = 0;
                    $absoluteNumberOfVisitsToCrudReports = 0;
                    $absoluteNumberOfVisitsToCrudUsers = 0;
                    $absoluteNumberOfVisitsToSignIn = 0;
                    $absoluteNumberOfVisitsToSignUp = 0;
                    $absoluteNumberOfVisitsToStatistics = 0;
                    $relativeNumberOfVisitsToIndex = 0;
                    $relativeNumberOfVisitsToReports = 0;
                    $relativeNumberOfVisitsToAuthor = 0;
                    $relativeNumberOfVisitsToDashboard = 0;
                    $relativeNumberOfVisitsToFourHundredAndFour = 0;
                    $relativeNumberOfVisitsToContribute = 0;
                    $relativeNumberOfVisitsToCrudReports = 0;
                    $relativeNumberOfVisitsToCrudUsers = 0;
                    $relativeNumberOfVisitsToSignIn = 0;
                    $relativeNumberOfVisitsToSignUp = 0;
                    $relativeNumberOfVisitsToStatistics = 0;
                    $numberOfUsersSignedInToday = 0;
                    foreach($accessLogs as $log){
                        $partsOfLog = explode(";", $log);
                        if($partsOfLog[1]=="index"){
                            $absoluteNumberOfVisitsToIndex++;
                        }
                        if($partsOfLog[1]=="reports"){
                            $absoluteNumberOfVisitsToReports++;
                        }
                        if($partsOfLog[1]=="author"){
                            $absoluteNumberOfVisitsToAuthor++;
                        }
                        if($partsOfLog[1]=="dashboard"){
                            $absoluteNumberOfVisitsToDashboard++;
                        }
                        if($partsOfLog[1]=="fourHundredAndFour"){
                            $absoluteNumberOfVisitsToFourHundredAndFour++;
                        }
                        if($partsOfLog[1]=="contribute"){
                            $absoluteNumberOfVisitsToContribute++;
                        }
                        if($partsOfLog[1]=="crudReports"){
                            $absoluteNumberOfVisitsToCrudReports++;
                        }
                        if($partsOfLog[1]=="crudUsers"){
                            $absoluteNumberOfVisitsToCrudUsers++;
                        }
                        if($partsOfLog[1]=="signIn"){
                            $absoluteNumberOfVisitsToSignIn++;
                        }
                        if($partsOfLog[1]=="signUp"){
                            $absoluteNumberOfVisitsToSignUp++;
                        }
                    }
                }
            </div>
        </div>
    </div>
</div>
```

```

        $absoluteNumberOfVisitsToReports++;
    }
    if($partsOfLog[1]=="author"){
        $absoluteNumberOfVisitsToAuthor++;
    }
    if($partsOfLog[1]=="dashboard"){
        $absoluteNumberOfVisitsToDashboard++;
    }
    if($partsOfLog[1]=="sign in"){
        $absoluteNumberOfVisitsToSignIn++;
    }
    if($partsOfLog[1]=="sign up"){
        $absoluteNumberOfVisitsToSignUp++;
    }
    if($partsOfLog[1]=="404"){
        $absoluteNumberOfVisitsToFourHundredAndFour++;
    }
    if($partsOfLog[1]=="crud reports"){
        $absoluteNumberOfVisitsToCrudReports++;
    }
    if($partsOfLog[1]=="crud users"){
        $absoluteNumberOfVisitsToCrudUsers++;
    }
    if($partsOfLog[1]=="contribute"){
        $absoluteNumberOfVisitsToContribute++;
    }
    if($partsOfLog[1]=="statistics"){
        $absoluteNumberOfVisitsToStatistics++;
    }
    // if(strtotime($partsOfLog[4])>date('Y-m-d h:i:s A', strtotime("-1 day"))&&$partsOfLog[3]=="true"){
    //     $usersSignedInToday++;
    // }
    $absoluteNumberOfSiteVisits = $absoluteNumberOfVisitsToIndex+$absoluteNumberOfVisitsToReports+$absoluteNumberOfVisitsToAuthor+$absoluteNumberOfVisitsToDashboard+$absoluteNumberOfVisitsToSignIn+$absoluteNumberOfVisitsToSignUp+$absoluteNumberOfVisitsToFourHundredAndFour+$absoluteNumberOfVisitsToCrudReports+$absoluteNumberOfVisitsToCrudUsers+$absoluteNumberOfVisitsToContribute+$absoluteNumberOfVisitsToStatistics;
    if($absoluteNumberOfVisitsToReports!=0){
        $relativeNumberOfVisitsToReports = (int)($absoluteNumberOfVisitsToReports/$absoluteNumberOfSiteVisits*100);
    }
    if($absoluteNumberOfVisitsToIndex!=0){

```

```

        $relativeNumberOfVisitsToIndex = (int)($absoluteNumberOfVisitsToIndex/$absoluteNumberOfSiteVisits*100);
    }
    if($absoluteNumberOfVisitsToAuthor!=0){
        $relativeNumberOfVisitsToAuthor = (int)($absoluteNumberOfVisitsToAuthor/$absoluteNumberOfSiteVisits*100);
    }
    if($absoluteNumberOfVisitsToDashboard!=0){
        $relativeNumberOfVisitsToDashboard = (int)($absoluteNumberOfVisitsToDashboard/$absoluteNumberOfSiteVisits*100);
    }
    if($absoluteNumberOfVisitsToSignIn!=0){
        $relativeNumberOfVisitsToSignIn = (int)($absoluteNumberOfVisitsToSignIn/$absoluteNumberOfSiteVisits*100);
    }
    if($absoluteNumberOfVisitsToSignUp!=0){
        $relativeNumberOfVisitsToSignUp = (int)($absoluteNumberOfVisitsToSignUp/$absoluteNumberOfSiteVisits*100);
    }
    if($absoluteNumberOfVisitsToFourHundredAndFour!=0){
        $relativeNumberOfVisitsToFourHundredAndFour = (int)($absoluteNumberOfVisitsToFourHundredAndFour/$absoluteNumberOfSiteVisits*100);
    }
    if($absoluteNumberOfVisitsToCrudReports!=0){
        $relativeNumberOfVisitsToCrudReports = (int)($absoluteNumberOfVisitsToCrudReports/$absoluteNumberOfSiteVisits*100);
    }
    if($absoluteNumberOfVisitsToCrudUsers!=0){
        $relativeNumberOfVisitsToCrudUsers = (int)($absoluteNumberOfVisitsToCrudUsers/$absoluteNumberOfSiteVisits*100);
    }
    if($absoluteNumberOfVisitsToContribute!=0){
        $relativeNumberOfVisitsToContribute = (int)($absoluteNumberOfVisitsToContribute/$absoluteNumberOfSiteVisits*100);
    }
    if($absoluteNumberOfVisitsToStatistics!=0){
        $relativeNumberOfVisitsToStatistics = (int)($absoluteNumberOfVisitsToStatistics/$absoluteNumberOfSiteVisits*100);
    }
    $signingInLogs = file("data/signingInLog.txt",FILE_IGNORE_NEW_LINES | FILE_SKIP_EMPTY_LINES);
    foreach($signingInLogs as $log){
        $partsOfLog = explode(";", $log);
        $currentDay = date("Y-m-d");
        if($partsOfLog[1]==$currentDay){

```

```

        $numberOfUsersSignedInToday++;
    }
}
?>
<div class="d-flex flex-column pt-3 pb-3">
    <label for="indexVisits"><h4>Visits to index: </h4></label>
    <progress id="indexVisits" class="w-
100 blackColor" value="=$relativeNumberOfVisitsToIndex?&gt;" max="100"&gt;&lt;
/progress&gt;
    &lt;span&gt;&lt;h5&gt;Relative: &lt;?=$relativeNumberOfVisitsToIndex?&gt;%&lt;/h5&gt;
&lt;/span&gt;
    &lt;span&gt;&lt;h5&gt;Absolute: &lt;?=$absoluteNumberOfVisitsToIndex?&gt;&lt;/h5&gt;&lt;
/span&gt;
&lt;/div&gt;
&lt;div class="d-flex flex-column pt-3 pb-3"&gt;
    &lt;label for="reportsVisits"&gt;&lt;h4&gt;Visits to reports:&lt;/h4&gt;&lt;/label
&gt;
    &lt;progress id="reportsVisits" class="w-
100 blackColor" value="<?=$relativeNumberOfVisitsToReports?&gt;" max="100"
&gt;&lt;/progress&gt;
    &lt;span&gt;&lt;h5&gt;Relative: &lt;?=$relativeNumberOfVisitsToReports?&gt;%&lt;/h
5&gt;&lt;/span&gt;
    &lt;span&gt;&lt;h5&gt;Absolute: &lt;?=$absoluteNumberOfVisitsToReports?&gt;&lt;/h5
&gt;&lt;/span&gt;
&lt;/div&gt;
&lt;div class="d-flex flex-column pt-3 pb-3"&gt;
    &lt;label for="authorVisits"&gt;&lt;h4&gt;Visits to author:&lt;/h4&gt;&lt;/label&gt;
    &lt;progress id="authorVisits" class="w-
100 blackColor" value="<?=$relativeNumberOfVisitsToAuthor?&gt;" max="100"
&gt;&lt;/progress&gt;
    &lt;span&gt;&lt;h5&gt;Relative: &lt;?=$relativeNumberOfVisitsToAuthor?&gt;%&lt;/h5
&gt;&lt;/span&gt;
    &lt;span&gt;&lt;h5&gt;Absolute: &lt;?=$absoluteNumberOfVisitsToAuthor?&gt;&lt;/h5
&gt;&lt;/span&gt;
&lt;/div&gt;
&lt;div class="d-flex flex-column pt-3 pb-3"&gt;
    &lt;label for="dashboardVisits"&gt;&lt;h4&gt;Visits to dashboard:&lt;/h4&gt;&lt;/l
abel&gt;
    &lt;progress id="dashboardVisits" class="w-
100 blackColor" value="<?=$relativeNumberOfVisitsToDashboard?&gt;" max="10
0"&gt;&lt;/progress&gt;
    &lt;span&gt;&lt;h5&gt;Relative: &lt;?=$relativeNumberOfVisitsToDashboard?&gt;%&lt;
/h5&gt;&lt;/span&gt;
    &lt;span&gt;&lt;h5&gt;Absolute: &lt;?=$absoluteNumberOfVisitsToDashboard?&gt;&lt;/h
5&gt;&lt;/span&gt;
</pre

```

```

        </div>
        <div class="d-flex flex-column pt-3 pb-3">
            <label for="signInVisits"><h4>Visits to sign in:</h4></label>
            <progress id="signInVisits" class="w-
100 blackColor" value="=$relativeNumberOfVisitsToSignIn?&gt;" max="100"&gt;
&lt;/progress&gt;
            &lt;span&gt;&lt;h5&gt;Relative: &lt;?=$relativeNumberOfVisitsToSignIn?&gt;%&lt;/h5&gt;
&lt;/span&gt;
            &lt;span&gt;&lt;h5&gt;Absolute: &lt;?=$absoluteNumberOfVisitsToSignIn?&gt;&lt;/h5&gt;
&lt;/span&gt;
        &lt;/div&gt;
        &lt;div class="d-flex flex-column pt-3 pb-3"&gt;
            &lt;label for="signUpVisits"&gt;&lt;h4&gt;Visits to sign up:&lt;/h4&gt;&lt;/label&gt;
            &lt;progress id="signUpVisits" class="w-
100 blackColor" value="<?=$relativeNumberOfVisitsToSignUp?&gt;" max="100"&gt;
&lt;/progress&gt;
            &lt;span&gt;&lt;h5&gt;Relative: &lt;?=$relativeNumberOfVisitsToSignUp?&gt;%&lt;/h5&gt;
&lt;/span&gt;
            &lt;span&gt;&lt;h5&gt;Absolute: &lt;?=$absoluteNumberOfVisitsToSignUp?&gt;&lt;/h5&gt;
&lt;/span&gt;
        &lt;/div&gt;
        &lt;div class="d-flex flex-column pt-3 pb-3"&gt;
            &lt;label for="404Visits"&gt;&lt;h4&gt;Visits to 404:&lt;/h4&gt;&lt;/label&gt;
            &lt;progress id="404Visits" class="w-
100 blackColor" value="<?=$relativeNumberOfVisitsToFourHundredAndFour?&gt;
" max="100"&gt;&lt;/progress&gt;
            &lt;span&gt;&lt;h5&gt;Relative: &lt;?=$relativeNumberOfVisitsToFourHundredAn
dFour?&gt;%&lt;/h5&gt;&lt;/span&gt;
            &lt;span&gt;&lt;h5&gt;Absolute: &lt;?=$absoluteNumberOfVisitsToFourHundredAn
dFour?&gt;&lt;/h5&gt;&lt;/span&gt;
        &lt;/div&gt;
        &lt;div class="d-flex flex-column pt-3 pb-3"&gt;
            &lt;label for="crudReportsVisits"&gt;&lt;h4&gt;Visits to crud reports:&lt;/h
4&gt;&lt;/label&gt;
            &lt;progress id="crudReportsVisits" class="w-
100 blackColor" value="<?=$relativeNumberOfVisitsToCrudReports?&gt;" max="
100"&gt;&lt;/progress&gt;
            &lt;span&gt;&lt;h5&gt;Relative: &lt;?=$relativeNumberOfVisitsToCrudReports?&gt;
%&lt;/h5&gt;&lt;/span&gt;
            &lt;span&gt;&lt;h5&gt;Absolute: &lt;?=$absoluteNumberOfVisitsToCrudReports?&gt;
&lt;/h5&gt;&lt;/span&gt;
        &lt;/div&gt;
        &lt;div class="d-flex flex-column pt-3 pb-3"&gt;
            &lt;label for="crudUsersVisits"&gt;&lt;h4&gt;Visits to crud users:&lt;/h4&gt;&lt;/
label&gt;
</pre

```

```
        <progress id="crudUsersVisits" class="w-
100 blackColor" value="=$relativeNumberOfVisitsToCrudUsers?&gt;" max="10
0"&gt;&lt;/progress&gt;
        &lt;span&gt;&lt;h5&gt;Relative: &lt;?=$relativeNumberOfVisitsToCrudUsers?&gt;%&lt;
/h5&gt;&lt;/span&gt;
        &lt;span&gt;&lt;h5&gt;Absolute: &lt;?=$absoluteNumberOfVisitsToCrudUsers?&gt;&lt;/
h5&gt;&lt;/span&gt;
    &lt;/div&gt;
    &lt;div class="d-flex flex-column pt-3 pb-3"&gt;
        &lt;label for="contributeVisits"&gt;&lt;h4&gt;Visits to contribute:&lt;/h4&gt;&lt;
/label&gt;
        &lt;progress id="contributeVisits" class="w-
100 blackColor" value="<?=$relativeNumberOfVisitsToContribute?&gt;" max="1
00"&gt;&lt;/progress&gt;
        &lt;span&gt;&lt;h5&gt;Relative: &lt;?=$relativeNumberOfVisitsToContribute?&gt;%&lt;
/h5&gt;&lt;/span&gt;
        &lt;span&gt;&lt;h5&gt;Absolute: &lt;?=$absoluteNumberOfVisitsToContribute?&gt;&lt;/
h5&gt;&lt;/span&gt;
    &lt;/div&gt;
    &lt;div class="d-flex flex-column pt-3 pb-3"&gt;
        &lt;label for="statisticsVisits"&gt;&lt;h4&gt;Visits to statistics:&lt;/h4&gt;&lt;
/label&gt;
        &lt;progress id="statisticsVisits" class="w-
100 blackColor" value="<?=$relativeNumberOfVisitsToStatistics?&gt;" max="1
00"&gt;&lt;/progress&gt;
        &lt;span&gt;&lt;h5&gt;Relative: &lt;?=$relativeNumberOfVisitsToStatistics?&gt;%&lt;
/h5&gt;&lt;/span&gt;
        &lt;span&gt;&lt;h5&gt;Absolute: &lt;?=$absoluteNumberOfVisitsToStatistics?&gt;&lt;/
h5&gt;&lt;/span&gt;
    &lt;/div&gt;
&lt;/div&gt;
&lt;div class="row"&gt;
    &lt;div class="col-12 pt-5 pb-5"&gt;
        &lt;h3 class="text-
center blackColor"&gt;Number of users signed in on the current day: &lt;/h3&gt;
        &lt;h4 class="text-
center blackColor"&gt;&lt;?=$numberOfUsersSignedInToday?&gt;&lt;/h4&gt;
    &lt;/div&gt;
&lt;/div&gt;
&lt;?php
    }
    else {
</pre
```

```
        header("Location: index.php?page=404");
    }
?>
```

○ index.php

```
<?php
ob_start();
session_start();
include "config/conn.php";
include "models/functions.php";
include "views/fixed/header.php";
include "views/fixed/carousel.php";
if(isset($_GET['page'])){
    if($_GET['page']=="signIn"){
        include "views/pages/signIn.php";
    }
    if($_GET['page']=="signUp"){
        include "views/pages/signUp.php";
    }
    if($_GET['page']=="contribute"){
        include "views/pages/contribute.php";
    }
    if($_GET['page']=="reports"){
        include "views/pages/reports.php";
    }
    if($_GET['page']=="dashboard"){
        include "views/pages/dashboard.php";
    }
    if($_GET['page']=="crudReports"){
        include "views/pages/crudReports.php";
    }
    if($_GET['page']=="crudUsers"){
        include "views/pages/crudUsers.php";
    }
    if($_GET['page']=="author"){
        include "views/pages/author.php";
    }
    if($_GET['page']=="statistics"){
        include "views/pages/statistics.php";
    }
    if($_GET['page']=="404"){
        include "views/pages/404.php";
    }
}
else {
    include "views/pages/index.php";
}
```

```
$ipAddress = $_SERVER['REMOTE_ADDR'];
$dateAndTime = date("Y-m-d h:i:s A");
$accessData = $ipAddress.";" . $page . ";" . $dateAndTime . "\n";
$accessLogFile = fopen("data/accessLog.txt", "a");
fwrite($accessLogFile, $accessData);
fclose($accessLogFile);
include "views/fixed/footer.php";
?>
```