Visoka škola strukovnih studija za informacione i
komunikacione tehnologije

Dokumentacija

Web programiranje 1

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Broj indeksa : 68/18

Contents

1.Uvod

1.1 Korišćeni programski jezici

Za izradu sajta su korišćeni slededi programski i markup jezici: PHP, JavaScript, JQuery, HTML, CSS i XML.

1.2 Opis funckionalnosti

Upis, ispis, izmena, brisanje proizvoda iz baze (CRUD), paginacija, filtriranje, sortiranje. Dodavanje proizvoda u korpu i njihov ispis takodje iz baze. Registracija i logovanje korisnika. Admin panel i ograničenja pristupa neovlašćenim korisnicima. Broj trenutno ulogovanih korisnika. Beleženje pristupa stranicama , upisivanje u tekstualni fajl i ispis na admin stranici. Validacija na klijentskoj i serverskoj strani. Obrada grešaka pri radu sa bazom, obaveštenje o greškama pri validaciji korisničkog unosa.

1.3 Template

Link za korišćeni template: https://www.free-css.com/free-css-templates/page203/e-shopper

Korišćen je samo html i css, sav ostali kod je samostalno napisan.

2.Organizacija

2.1 Slike strukture projekta
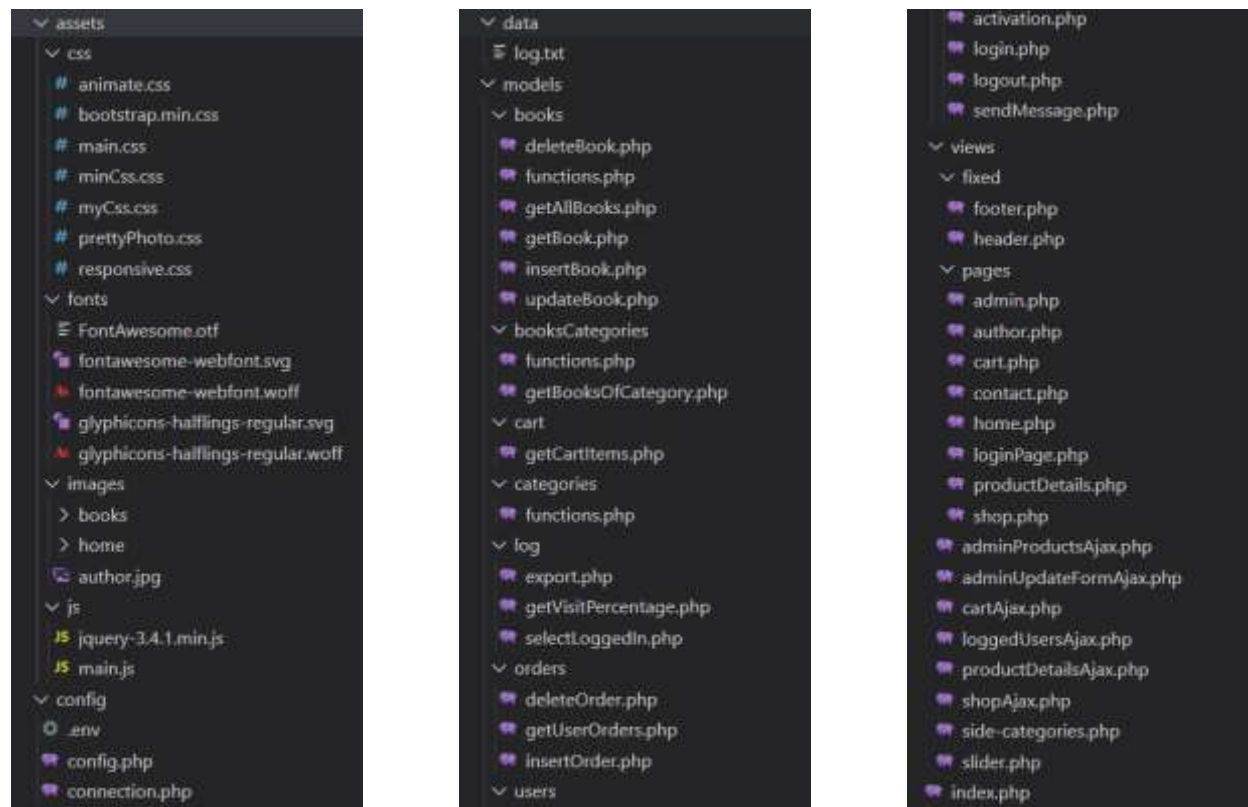
2.2 Dizajn baze podataka
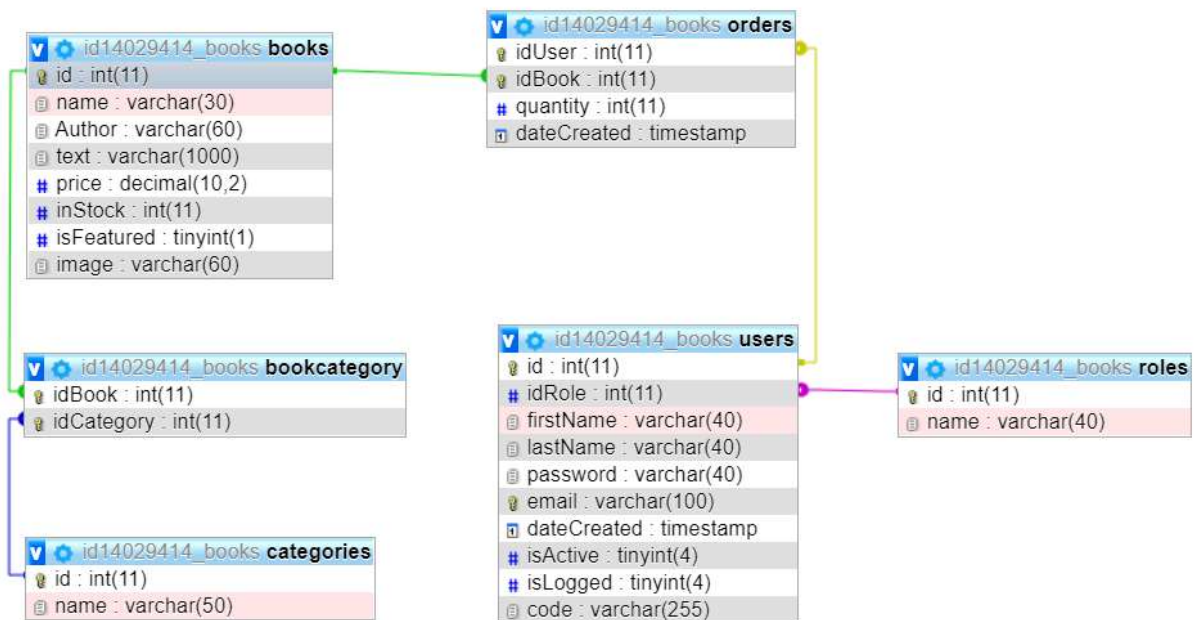
2.3 Slike stranica i opis

2.3.1 Home
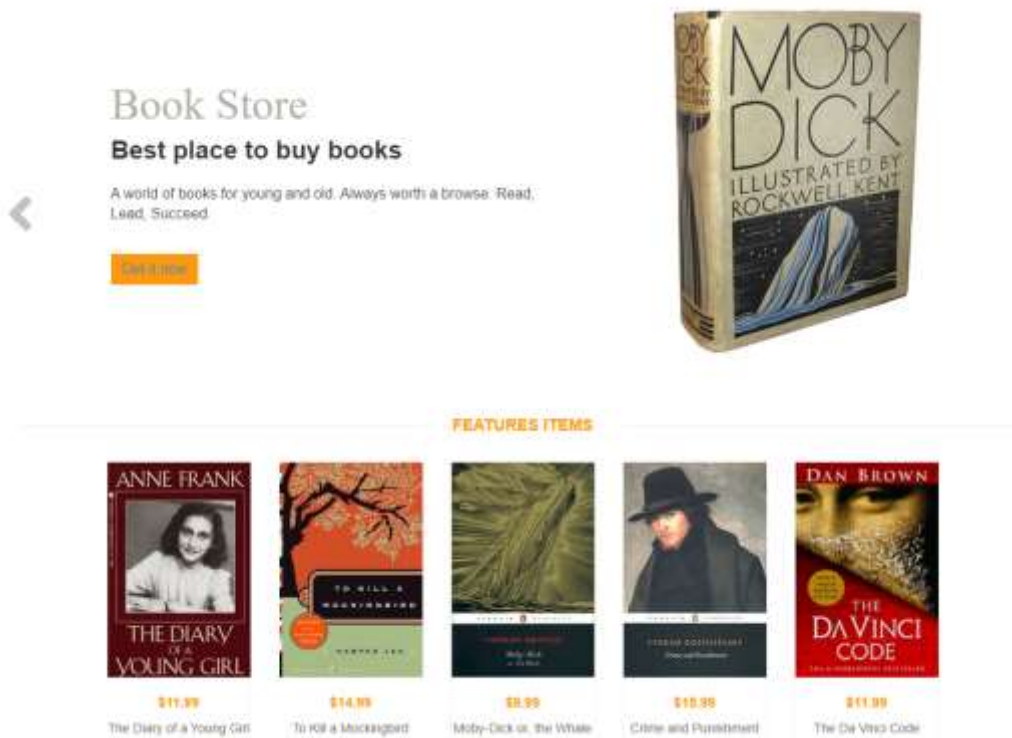
Slideshow sa tajmerom od 5sec koji se restartuje kada korisnik manuelno promeni slajd(sliku) u js-u.
Prikaz odabranih (featured) proizvoda iz baze.

2.3.2 Products
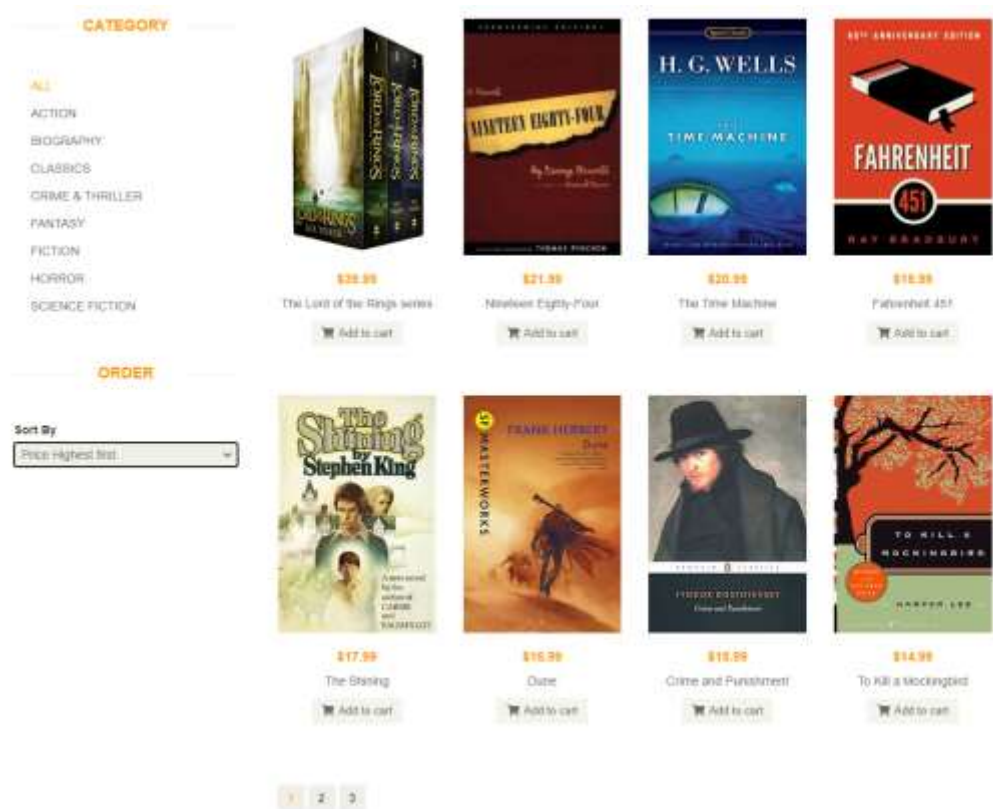
Ispis proizvoda iz baze, paginacija, sortiranje, filtriranje, dugme za dodavanje u korpu. Side meni ispisan iz baze, služi za flitranje proizvoda po kategoriji. Svaki proizvod može da ima više kategorija.

2.3.3 Contact

Validacija na klijentskoj i serverskoj strani.

2.3.4 Login

Registracija i logovanje korisnika. Slanje aktivacionog koda na email nakon registracije. Takođe slanje poruke na email u slučaju pokušaja logovanja sa pogrešnom lozinkom. Validacija na klijentskoj i serverskoj strani.

2.3.5 Admin panel

Edit products

`INSERT` `UPDATE` `DELETE`

Update form

Name: To Kill a Mockingbird   Author: Harper Lee   Price: 14.99

In Stock: 5   Image: mockingbird.jpg   Featured: ☑

Details:

The unforgettable novel of a childhood in a sleepy Southern town and the crisis of conscience that rocked it. To Kill A Mockingbird became both an instant bestseller and a critical success when it was first published in 1960. It went on to win the Pulitzer Prize in 1961 and was later made into an Academy Award-winning film, also a classic.

`Save`

ID	Name	Author	Details	Price	In Stock	Image	Featured
1	Catching Fire	Suzanne Collins	Against all odds, Katniss Ever...	$8.00	12	catching_fire.jpg	0
2	The Bourne Identity	Robert Ludlum	Who is Jason Bourne? Is he an...	$9.00	21	bourne_indentity.jpg	0
4	The Diary of a Young Girl	Anne Frank	Discovered in the attic in whi...	$11.99	68	anne_frank.jpg	1
5	Educated	Tara Westover	Tara Westover was 17 the first...	$7.99	12	educated.jpg	0
6	To Kill a Mockingbird	Harper Lee	The unforgettable novel of a c...	$14.99	0	mockingbird.jpg	1
7	Moby-Dick or, the Whale	Herman Melville	So Melville wrote of his maste...	$9.99	55	moby_dick.jpg	1
8	Crime and Punishment	Fyodor Dostoyevsky	Raskolnikov, a destitute and d...	$15.99	13	crime.jpg	1
9	The Da Vinci Code	Dan Brown	While in Paris, Harvard symbol...	$11.99	31	davinci.jpg	1
10	New Spring	Robert Jordan	The city of Canluum lies close...	$13.99	21	spring.jpg	0
11	The Lord of the Rings series	J. R. R. Tolkien	The Lord of the Rings is an ep...	$39.99	23	lotr.jpg	0

`1` `2`

Prikaz, paginacija, dodavanje, izmena i brisanje proizvoda - validacija na klijentskoj i serverskoj strani.

Pages visited in last 24 hours

| Page	Times visited	Precentage
/praktikumPHPsajt/index	150	46.74%
/praktikumPHPsajt/models/booksCategories/getBooksOfCategory	26	8.18%
/praktikumPHPsajt/models/users/login	5	1.57%
/praktikumPHPsajt/models/users/logout	2	0.63%
/praktikumPHPsajt/models/orders/getUserOrders	13	4.09%
/praktikumPHPsajt/models/cart/getCartItems	13	4.09%
/praktikumPHPsajt/models/orders/insertOrder	1	0.31%
/praktikumPHPsajt/models/books/getBook	4	1.26%
/index	59	18.55%
/models/users/logout	2	0.63%
/models/books/getBook	5	1.57%
/models/booksCategories/getBooksOfCategory	7	2.20%
/models/users/login	2	0.63%
/models/log/selectLoggedIn	7	2.20%
/models/books/getAllBooks	7	2.20%
/models/orders/insertOrder	1	0.31%
/models/orders/getUserOrders	4	1.26%
/models/cart/getCartItems	4	1.26%
/models/orders/deleteOrder	1	0.31%

Export to excel

Currently logged in users

| Name	Email	Role	Member Since
Admin Admin	admin@gmail.com	Admin	2020-06-12 18:17:09

Ispisivanje stranica posećenih u poslednjih 24 časa iz text file-a kao i prikaz svih trenutno ulogovanih korisnika iz baze.

2.3.6 Cart

Item		Price	Quantity	Total	
	Dune Frank Herbert	$16.99	1	$16.99	
	Crime and Punishment Fyodor Dostoyevsky	$15.99	1	$15.99	

Ispis proizvoda iz baze koji su prethodno dodati u kopu od strane korisnika. Takođe se tu nalazi i paginacija i dugme za brisanje proizvoda iz korpe (i iz baze).

2.3.7 Product details
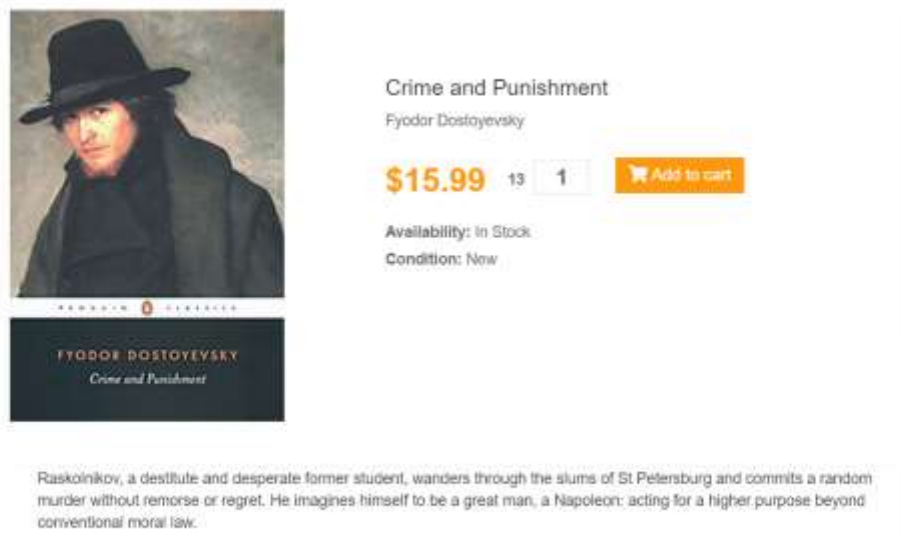
Detaljniji prikaz podataka o proizvodu iz baze.

3. Kodovi

index.php

```php
<?php

require_once "config/connection.php";

include "views/fixed/header.php";

if(!isset($_GET['page'])){
    include "views/slider.php";
    include "views/pages/home.php";
}
```

```php
else{
    switch($_GET['page']){
        case "shop":
            include "views/side-categories.php";
            include "views/pages/shop.php";
        break;

        case "productDetails":
            include "views/pages/productDetails.php";
        break;

        case "login":
            include "views/pages/loginPage.php";
        break;

        case "contact":
            include "views/pages/contact.php";
        break;

        case "cart":
            include "views/pages/cart.php";
        break;

        case "admin":
            include "views/pages/admin.php";
        break;

        case "author":
            include "views/pages/author.php";
        break;
    }
}


include "views/fixed/footer.php";
```

views/fixed/header.php

```php
<?php

if (session_status() == PHP_SESSION_NONE) {
    session_start();
}

if(isset($_GET["page"])&&$_GET["page"]=="cart"&&!isset($_SESSION["user"])){
    $_SESSION["success"]="You need to login to use cart!";
        header('Location:'.BASE_URL."/?page=login");
}

if(isset($_GET["page"])&&($_GET["page"]=="admin")){
    if(!isset($_SESSION["user"])){
        $_SESSION["success"]="You dont have access to that page!";
        header('Location:'.BASE_URL."/?page=login");
    }

    else if($_SESSION["user"]->role!="Admin"){
        $_SESSION["success"]="You need to login with account that has admin privilages";
        header('Location:'.BASE_URL."/?page=login");
    }
}

?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta name="description" content="">
    <meta name="author" content="">
```

```html
    <title>Book Store</title>

    <link href="assets/css/minCss.css" rel="stylesheet">

    <link rel="shortcut icon" href="assets/images/home/favicon.ico">

    <script src="https://kit.fontawesome.com/71de788cbb.js" crossorigin="anonymous"></script>
</head>

<body>
    <header id="header"><!--header-->
        <div class="header_top"><!--header_top-->
            <div class="container">
                <div class="row" id="headerTop">
                    <div class="col-sm-4">
                        <div class="contactinfo">
                            <ul class="nav nav-pills">
                                <li><a href="#"><i class="fa fa-phone"></i> +2346 17 38 93</a></li>
                            </ul>
                        </div>
                    </div>
                    <div class="col-sm-4" id="welcomeUser">
                        <?php if(isset($_SESSION["user"])):?>
                        <p>Welcome <?=$_SESSION["user"]->firstName?></p>
                        <?php endif;?>
                    </div>
                    <div class="col-sm-4">
                        <div class="social-icons pull-right">
                            <ul class="nav navbar-nav">
                                <li><a href="https://www.facebook.com"><i class="fa fa-facebook"></i></a></li>
                                <li><a href="https://twitter.com"><i class="fa fa-
```

```
twitter"></i></a></li>

                            </ul>
                        </div>
                    </div>

                </div>
            </div>
        </div><!--/header_top-->

        <div class="header-middle"><!--header-middle-->
            <div class="container">
                <div class="row">
                    <div class="col-sm-4">
                        <div class="logo pull-left">
                            <a href="index.php"><img src="assets/image
s/home/logo.png" alt="logo" /></a>
                        </div>
                    </div>
                    <div class="col-sm-8">
                        <div class="shop-menu pull-right">
                            <ul class="nav navbar-
nav">

                                <?php if(isset($_SESSION["user"]))
 {


                                ?>
                                <li><a href="<?=BASE_URL."/index.p
hp?page=cart"?>"><i class="fa fa-shopping-cart"></i> Cart</a></li>
                                <li><a href=<?=BASE_URL."/models/u
sers/logout.php"?>><i class="fa fa-lock"></i>Logout</a></li>

                                <?php
                                }
```

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```php
                                    else{
                                        ?>

                                            <li><a href="<?=BASE_URL."/ind
ex.php?page=login"?>"><i class="fa fa-shopping-
cart"></i> Cart</a></li>
                                            <li><a href=<?=BASE_URL."/inde
x.php?page=login"?>><i class="fa fa-lock"></i>Login</a></li>
                                        <?php } ?>


                                </ul>
                            </div>
                        </div>
                    </div>
                </div>
            </div><!--/header-middle-->

            <div class="header-bottom"><!--header-bottom-->
                <div class="container">
                    <div class="row">
                        <div class="col-sm-9">
                            <div class="navbar-header">
                                <button type="button" class="navbar-
toggle" id="smallMenu">
                                    <span class="sr-
only">Toggle navigation</span>
                                    <span class="icon-bar"></span>
                                    <span class="icon-bar"></span>
                                    <span class="icon-bar"></span>
                                </button>
                            </div>

                            <div id="smallMenuList">
                                <ul >
```

```php
                    <li><a href="index.php" >Home</a></li>

                    <li><a href=<?=BASE_URL."/index.php?pa
ge=shop&pg=1&order=1"?>>Products</a></li>

                    </li>
                    <li><a href="<?=BASE_URL."/index.php?p
age=contact"?>">Contact</a></li>
                    <?php if(!isset($_SESSION["user"])):?>


                       <li><a href="<?=BASE_URL."/index.p
hp?page=login"?>"> Login</a></li>
                    <?php else:?>
                       <li><a href="<?=BASE_URL."/index.p
hp?page=cart"?>"> Cart</a></li>
                    <?php endif;?>

                    <?php if(isset($_SESSION["user"])) {
                       if($_SESSION["user"]-
>role=="Admin"){

                          echo "<li><a href='".BASE_URL.
"/index.php?page=admin'>Admin Panel</a></li>";
                       }
                    }?>


                </ul>
              </div>

                <div class="mainmenu pull-left">
                    <ul class="nav navbar-nav collapse navbar-
collapse">
                    <li><a href="index.php" >Home</a></li>
                    <li class="dropdown"><a href="#">Shop<
i class="fa fa-angle-down"></i></a>
```

```php
                                    <ul role="menu" class="sub-menu">
                                        <li><a href=<?=BASE_URL."/inde
x.php?page=shop&pg=1&order=1"?>>Products</a></li>


                                        <?php if(!isset($_SESSION["use
r"])):?>

                                            <li><a href="<?=BASE_URL."
/index.php?page=login"?>"> Login</a></li>
                                        <?php else:?>
                                            <li><a href="<?=BASE_URL."
/index.php?page=cart"?>"> Cart</a></li>
                                        <?php endif;?>
                                    </ul>
                                </li>
                                <li><a href="<?=BASE_URL."/index.php?p
age=contact"?>">Contact</a></li>

                                <?php if(isset($_SESSION["user"])) {
                                    if($_SESSION["user"]-
>role=="Admin"){
                                        echo "<li><a href='".BASE_URL.
"/index.php?page=admin'>Admin Panel</a></li>";
                                    }
                                }?>


                            </ul>
                        </div>
                    </div>

                </div>
            </div>
        </div><!--/header-bottom-->
    </header><!--/header-->
```

views/fixed/footer.php

```php
<footer id="footer"><!--Footer-->
        <div class="footer-widget">
            <div class="container">
                <div class="row">
                    <div class="col-sm-3" id="footer1">
                        <div class="companyinfo">
                            <a class="logo" href="index.php"><img src=
"assets/images/home/logo.png" alt="logo" /></a>
                            <p>Enchanting selections of wonderful book
s.</p>
                        </div>
                    </div>
                    <div class="col-sm-3">

                    </div>
                    <div class="col-sm-3">
                        <div class="single-widget">
                            <h2>Information</h2>
                            <ul class="nav nav-pills nav-
stacked">
                                <li><a href="<?=BASE_URL?>">Home</a></
li>
                                <li><a href="<?=BASE_URL?>/?page=conta
ct">Contact</a></li>
                                <li><a href="<?=BASE_URL?>/?page=autho
r">Author</a></li>
                            </ul>
                        </div>
                    </div>

                    <div class="col-sm-3">
                        <div class="single-widget">
                            <h2>Other</h2>
                            <ul class="nav nav-pills nav-stacked">
                                <li><a href="#">RSS</a></li>
```

```html
                                    <li><a href="#">Sitemap</a></li>
                                    <li><a href="#">Documentation</a></li>

                            </ul>
                        </div>
                    </div>

                </div>
            </div>
        </div>
    </footer><!--/Footer-->


    <script src="assets/js/main.js"></script>
    <script src="assets/js/jquery-3.4.1.min.js"></script>
```

views/pages/admin.php

```html
<section id="admin">
        <div class="container">
            <div class="row">

                <div class="col-sm-12">
                <h3>Edit products</h3>
                    <form id="operations">
                        <input type="button" name="insert" value="INSERT"/>

                        <input type="button" name="update" value="UPDATE"/>

                        <input type="button" name="delete" value="DELETE"/>

                    </form>
                </div>

                <div class="col-sm-8" id="updateFormDiv">
                <h3>Update form</h3>
```

```html
			<form id="updateForm" action="models/books/updateB
ook.php" method="POST">


				</form>
			</div>

			<div class="col-sm-8" id="insertFormDiv">
			<h3>Insert form</h3>
				<form id="insertForm" action="models/books/insertB
ook.php" method="POST">
					<label>Name:</label><input type="text" name="n
ame" />

					<label>Author:</label><input type="text" name=
"author" />

					<label>Price:</label><input type="number" name
="price"/><br/>


					<label>In Stock:</label> <input type="number"
name="stock"/>

					<label>Featured:</label><input type="checkbox"
 name="featured" id="featured"><br/>


					<label>Details:</label>
					<textarea name="text" rows=6 cols=10></textare
a>

					<input type="button" id="submitInsert" name="s
ubmitInsert" value="Save"/>


				</form>
			</div>

			<div class="col-sm-4" id="errorsDiv">

			</div>
```

```html
            <div class="col-sm-12">
                <div id="adminProducts">

                </div>
            </div>

            <div class="col-sm-12">

                <h3>Pages visited in last 24 hours</h3>
                <table id="logData">


                </table>
                <input name="excel" type="button" value="Export to
 excel"/>
            </div>

            <div class="col-sm-12">
                <h3>Currently logged in users</h3>
                <table id="userData">


                </table>

            </div>

        </div>
    </div>
</section>
```

views/pagex/author.php

```html
<section id="admin">
        <div class="container">
            <div class="row">
                <div class="col-sm-12" id="about">
```

```html
                    <h2>About author</h2>
                </div>
            </div>

            <div class="row">
                <div class="col-sm-8" id="aboutText">
                    <ul>
                        <li>Name: David Sekulić</li>
                        <li>School: ICT College of Applied Studies</li
>
                        <li>Index: 68/18</li>
                        <li>Portfolio: <a href="http://davidskola.dx.a
m">Link</a></li>
                    </ul>
                </div>


            </div>

        </div>
 </section>
```

views/pages/cart.php

```html
<section id="cart_items">
        <div class="container">
            <div class="table-responsive cart_info">
                <table class="table table-condensed">
                    <thead>
                        <tr class="cart_menu">
                            <td class="image">Item</td>
                            <td class="description"></td>
                            <td class="price">Price</td>
                            <td class="quantity">Quantity</td>
                            <td class="total">Total</td>
                            <td></td>
```

```
                    </tr>
                </thead>
                <tbody id="cartItems">

                </tbody>
            </table>
        </div>
    </div>
</section>
```

views/pages/contact.php

```
<div id="contact-page" class="container">
    <div class="bg">
        <div class="row">
            <div class="col-sm-12">
                <h2 class="title text-
center">Contact <strong>Us</strong></h2>

            </div>
        </div>
        <div class="row">
            <div class="col-sm-8">
                <div class="contact-form">
                    <h2 class="title text-
center">Get In Touch</h2>
                    <div class="status alert alert-
success" style="display: none"></div>
                    <form id="main-contact-form" class="contact-
form row" name="contact-
form" action="models/users/sendMessage.php" method="post" onSubmit="re
turn regex()">
                        <div class="form-group col-md-6">
                            <input type="text" id="name" name="nam
e" class="form-control" required="required" placeholder="Name">
                        </div>
```

```html
                            <div class="form-group col-md-6">
                                <input type="email" id="email" name="email" class="form-control" required="required" placeholder="Email">
                            </div>
                            <div class="form-group col-md-12">
                                <input type="text"id="subject" name="subject" class="form-control" required="required" placeholder="Subject">
                            </div>
                            <div class="form-group col-md-12">
                                <textarea name="message" id="mess" required="required" class="form-control" rows="8" placeholder="Your Message Here"></textarea>
                            </div>
                            <div class="form-group col-md-12">
                                <input id="send" type="submit" class="btn btn-primary pull-right" name="send" value="Submit">
                            </div>
                            <div class="form-group col-md-12" id="errors">

                            </div>
                        </form>

                </div>

            </div>
            <div class="col-sm-4">
                <div class="contact-info">
                    <h2 class="title text-center">Contact Info</h2>
                    <address>
                        <p>Book Store</p>
                        <p>Zdravka Čelara 16, Beograd</p>
                        <p>Beograd</p>
                        <p>Mobile: +2346 17 38 93</p>
```

```html
                        <p>Email: bookstore@company.com</p>
                    </address>
                    <div class="social-networks">
                        <h2 class="title text-
center">Social Networking</h2>
                        <ul>
                            <li>
                                <a href="www.facebook.com"><i clas
s="fa fa-facebook"></i></a>
                            </li>
                            <li>
                                <a href="www.twitter.com"><i class
="fa fa-twitter"></i></a>
                            </li>

                        </ul>
                    </div>
                </div>
            </div>
        </div>
    </div><!--/#contact-page-->
```

views/pages/home.php

```php
<div class="col-sm-12">
    <div class="features_items"><!--features_items-->
        <h2 class="title text-center">Features Items</h2>
        <div class="col-sm-1">
        </div>
        <?php

            require_once "models/books/functions.php";
            $books=getFeaturedBooks();
            for ($i=0; $i <5; $i++): ?>
```

```
                    <div class="col-sm-2 productCss">
                        <div class="product-image-wrapper">
                            <div class="single-products">
                                <div class="productinfo text-center">
                                    <img src="assets/images/books/<?=$book
s[$i]->image?>" alt="" />

                                    <h2>$<?=$books[$i]->price?></h2>
                                    <p><?=$books[$i]->name?></p>
                                    <a href="#" data-id="<?=$books[$i]-
>id ?>" class="btn btn-default add-to-cart"><i class="fa fa-shopping-
cart"></i>Add to cart</a>
                                </div>
                                <div class="product-overlay">
                                    <div class="overlay-content">
                                        <a href="#" class="productDetails"
 data-id="<?=$books[$i]->id?>">

                                            <h1><i class="fas fa-info-
circle"></i></h1>

                                            <p>Details</p>
                                        </a>
                                        <h2>$<?=$books[$i]->price?></h2>
                                        <p><?=$books[$i]->name?></p>
                                        <a href="#" data-
id="<?=$books[$i]->id ?>" class="btn btn-default add-to-
cart"><i class="fa fa-shopping-cart"></i>Add to cart</a>
                                    </div>
                                </div>
                            </div>

                        </div>
                    </div>
                <?php endfor;?>

        </div><!--features_items-->

</div>
```

```
        </div>
    </section>
```

```php
<?php
if(isset($_SESSION["user"])){
?>

<section id="form">
<div class="container">
    <div class="row">

        <div class="col-sm-4 col-sm-offset-1">
            <h2>You are already logged in!</h2>
            <h3><a href=<?=BASE_URL."/models/users/logout.php"?>>Logou
t</a></h3>
        </div>
    </div>

<?php }else{?>

<section id="form">
<div class="container">
<div class="row">
    <div class='col-sm-11 col-sm-offset-1'  id='cartMsg'>
        <p>You need to login to use and add to cart.</p>
    </div>
<div class="col-sm-4 col-sm-offset-1">
    <div class="login-form"><!--login form-->
        <h2>Login to your account</h2>
        <form action="models/users/login.php" method="POST">
            <input type="email" placeholder="email" name="loginEmail"/
>
            <input type="password" placeholder="Password" name="loginP
ass"/>
```

```html
                <button type="submit" name="loginBtn" class="btn btn-
default">Login</button>
        </form>
    </div><!--/login form-->
</div>
<div class="col-sm-1">
    <h2 class="or">OR</h2>
</div>
<div class="col-sm-4">
    <div class="signup-form"><!--sign up form-->
        <h2>New User Signup!</h2>
        <form action="models/users/register.php" method="POST"  onSubm
it="return check();">
            <input type="text" placeholder="First name" name="register
FName" id="registerFName"/><span id="errorFname"></span>
            <input type="text" placeholder="Last name" name="registerL
name" id="registerLname" /><span id="errorLname"></span>
            <input type="email" placeholder="Email Address" name="regi
sterEmail" id="registerEmail"/><span id="errorEmail"></span>
            <input type="password" placeholder="Password" name="regist
erPassword" id="registerPassword"/><span id="errorPass"></span>
            <button type="submit" id="registerBtn" name="registerBtn"
class="btn btn-default">Signup</button>
        </form>
    </div><!--/sign up form-->
</div>


</div>

<?php } ?>
<div class="row">

    <?php
        $html="";
```

```php
if(isset($_SESSION["errorLogin"]))
{
    if(count($_SESSION["errorLogin"])>0){
        for ($i=0; $i <count($_SESSION["errorLogin"]); $i++) {

            $html.="<p>".$_SESSION["errorLogin"][$i]."</p>";
        }


    }
    echo "<div class='col-sm-11 col-sm-offset-
1' id='msg'>".$html."</div>";
    unset($_SESSION['errorLogin']);
}

$html="";
if(isset($_SESSION["success"])){
    $html=$_SESSION["success"];
    unset($_SESSION['success']);
    echo "<div class='col-sm-11 col-sm-offset-
1' id='msg'>".$html."</div>";
}
else if(isset($_SESSION["errors"]))
{
    if(count($_SESSION["errors"])>1){
        $html="<h3>Please turn on the javascript</h3>";
        for ($i=0; $i <count($_SESSION["errors"]); $i++) {
            $html.="<p>".$_SESSION["errors"][$i]."</p>";
        }

    }
    else{
        $html="<p>".$_SESSION["errors"][0]."</p>";
    }
    unset($_SESSION['errors']);
    echo "<div class='col-sm-11 col-sm-offset-
1'  id='msg'>".$html."</div>";
```

```
            }

    ?>


</div>
</div>
</section>
```

views/pages/productDetails.php

```html
<section>
<div class="container">
<div class="row">
<div class="col-sm-9" id="productDetailsDiv">
    <div class="product-details"><!--product-details-->
        <div class="col-sm-5">
            <div class="view-product">
                <img src="images/product-
details/1.jpg" alt="" />
            </div>

        </div>
        <div class="col-sm-7">
            <div class="product-information"><!--/product-information-
->
                <h2>test</h2>
                <p>Web ID: 1089772</p>
                <span>
                    <span>US $59</span>
                    <label>Quantity:</label>
                    <input type="text" value="1" />
                    <button type="button" class="btn btn-
fefault cart">
                        <i class="fa fa-shopping-cart"></i>
                        Add to cart
                    </button>
```

```html
            </span>
            <p><b>Availability:</b> In Stock</p>
            <p><b>Condition:</b> New</p>
            <p><b>Brand:</b> E-SHOPPER</p>
        </div><!--/product-information-->
    </div>
</div><!--/product-details-->

<div class="category-tab shop-details-tab"><!--category-tab-->

    <div class="tab-content">

        <div class="tab-pane fade active in" id="reviews" >
            <div class="col-sm-12">
                <ul>
                    <li><a href=""><i class="fa fa-user"></i>EUGEN</a></li>
                    <li><a href=""><i class="fa fa-clock-o"></i>12:41 PM</a></li>
                    <li><a href=""><i class="fa fa-calendar-o"></i>31 DEC 2014</a></li>
                </ul>
                <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.</p>
                <p><b>Write Your Review</b></p>

                <form action="#">
                    <span>
                        <input type="text" placeholder="Your Name" />
                        <input type="email" placeholder="Email Address"/>
```

```html
                    </span>
                    <textarea name="" ></textarea>
                    <b>Rating: </b> <img src="images/product-
details/rating.png" alt="" />
                    <button type="button" class="btn btn-
default pull-right">
                        Submit
                    </button>
                </form>
            </div>
        </div>

    </div>
  </div><!--/category-tab-->
</div>
</section>
```

views/pages/shop.php

```html
<div class="col-sm-9 padding-right" id="products">
<div class="features_items" >


</section>
```
```
views/adminProductsAjax.php
```
```php
<?php session_start();?>



    <?php

        if(isset($_POST["books"])){
            $books =$_POST["books"];
            $_SESSION["books"]=$_POST["books"];
        }

        else{
```

```php
            $books=$_SESSION["books"];
        }

        $books=json_decode($books);
        $books=(array)($books);

        $bookNumber = count($books);

    ?>
    <table id="adminProductTable">
        <tr>
            <th>ID</th>
            <th>Name</th>
            <th>Author</th>
            <th>Details</th>
            <th>Price</th>
            <th>In Stock</th>
            <th>Image</th>
            <th>Featured</th>
        </tr>


        <?php for ($i=($_POST["pg"]-
1)*10; $i <($_POST["pg"])*10 && $i<$bookNumber; $i++):?>
            <tr data-id="<?=$books[$i]-
>id?>" class="adminProductRow"><td><?=$books[$i]->id?></td>
            <td><?=$books[$i]->name?></td>
            <td><?=$books[$i]->Author?></td>
            <td><?=substr($books[$i]->text,0,30)?>...</td>
            <td>$<?=$books[$i]->price?></td>
            <td><?=$books[$i]->inStock?></td>
            <td><?=$books[$i]->image?></td>
            <td><?=$books[$i]->isFeatured?></td></tr>

        <?php endfor;?>
```

```php
        </table>

        <ul class="pagination">

            <?php
                $html="";
                for($i=1;$i<=ceil($bookNumber/10);$i++){
                    if($i==$_POST["pg"]){
                        $html.='<li><a class="pages active" href="">'.$i.'</
a></li>';

                    }
                    else{
                        $html.='<li><a class="pages" href="">'.$i.'</a></li>
';

                    }

                }
                echo $html;
            ?>
        </ul>
```

views/adminUpdateFormAjax.php

```php
    <?php
        $book =$_POST["book"];
        $book=json_decode($book);
    ?>

    <label>Name:</label><input type="text" name="name" value="<?=$book
->name?>"/>
    <label>Author:</label><input type="text" name="author" value="<?=$
book->Author?>"/>
    <label>Price:</label><input type="number" name="price" value="<?=$
book->price?>"/><br/>
```

```html
<label>In Stock:</label> <input type="number" name="stock" value="
<?=$book->inStock?>"/>
    <label>Image:</label><input type="text" name="image" value="<?=$bo
ok->image?>"/>
    <label>Featured:</label><input type="checkbox" name="featured" id=
"featured" <?php if($book->isFeatured==1){
        echo "checked";
    } ?>><br/>

    <label>Details:</label>
    <textarea name="text" rows=6 cols=10><?=$book->text?></textarea>
    <input type="button" id="submitUpdate" data-id="<?=$book-
>id?>" name="submitUpdate" value="Save"/>
```

views/cartAjax.php

```php
<?php session_start();?>
<div class="features_items">

    <?php

        if(isset($_POST["books"])){
            $books =$_POST["books"];
            $_SESSION["books"]=$_POST["books"];
        }

        else{
            $books=$_SESSION["books"];
        }

        $books=json_decode($books);
        $books=(array)($books);

        $bookNumber = count($books);

        if($bookNumber<1){
```

```php
        echo "<h3>You dont't have any products in cart yet</h3>";
    }



    for ($i=($_POST["pg"]-
1)*3; $i <($_POST["pg"])*3 && $i<$bookNumber; $i++):?>

    <tr>
        <td class="cart_product">
            <a href=""><img src="assets/images/books/<?=$books[$i]
->image?>" alt=""></a>
        </td>
        <td class="cart_description">
            <h4><a href=""><?=$books[$i]->name?></a></h4>
            <p><?=$books[$i]->Author?></p>
        </td>
        <td class="cart_price">
            <p>$<?=$books[$i]->price?></p>
        </td>
        <td class="cart_price">
            <p><?=$books[$i]->quantity?></p>
        </td>
        <td class="cart_total">
            <p class="cart_total_price">$<?=$books[$i]-
>price*$books[$i]->quantity?></p>
        </td>
        <td class="cart_delete">
            <a data-id="<?=$books[$i]-
>id?>" class="cart_quantity_delete" href=""><i class="fa fa-
times"></i></a>
        </td>
    </tr>

    <?php endfor;?>
```

```php
</div>
    <ul class="pagination">

        <?php
            $html="";
            for($i=1;$i<=ceil($bookNumber/3);$i++){
                if($i==$_POST["pg"]){
                    $html.='<li><a class="pages active" href="">'.$i.'</a></li>';
                }
                else{
                    $html.='<li><a class="pages" href="">'.$i.'</a></li>';
                }

            }
            echo $html;
        ?>
    </ul>
</section>
```

views/loggedUsersAjax.php

```php
<?php
    $users =$_POST["data"];
?>

<tr>
    <th>Name</th>
    <th>Email</th>
    <th>Role</th>
    <th>Member Since</th>
</tr>

<?php foreach ($users as $el):?>
```

```php
    <tr>
        <td><?=$el["firstName"]." ".$el["lastName"]?></td>
        <td><?=$el["email"]?></td>
        <td><?php if($el["idRole"]==1){
            echo "Admin";
        }
        else echo "Customer";?></td>
        <td><?=$el["dateCreated"]?></td>
    </tr>

<?php endforeach;?>
```

views/productDetailsAjax.php

```php
<?php
    session_start();

    if(isset($_POST["book"])){
        $book =$_POST["book"];
        $_SESSION["book"]=$_POST["book"];
    }

    else{
        $book=$_SESSION["book"];
    }

    $book=json_decode($book);

?>

    <div class="product-details"><!--product-details-->
        <div class="col-sm-4">
            <div class="view-product">
                <img src="assets/images/books/<?=$book->image?>" alt="" />
            </div>
```

```html
            </div>
            <div class="col-sm-8">
                <div class="product-information"><!--/product-information-->

                    <h2><?=$book->name?></h2>
                    <p><?=$book->Author?></p>
                    <span>
                        <span>$<?=$book->price?></span>
                        <label><?=$book->inStock?></label>
                        <input type="text" value="1" />
                        <a href="#" data-id="<?=$books[$i]->id ?>" class="btn btn-default add-to-cart"><i class="fa fa-shopping-cart"></i>Add to cart</a>
                    </span>
                    <p><b>Availability:</b> In Stock</p>
                    <p><b>Condition:</b> New</p>
                </div><!--/product-information-->
            </div>

        </div><!--/product-details-->

        <div class="category-tab shop-details-tab"><!--category-tab-->

            <div class="tab-content">

                <div class="tab-pane fade active in" id="reviews" >
                    <div class="col-sm-12">

                        <p><?=$book->text?></p>

                    </div>
                </div>

            </div>
        </div><!--/category-tab-->
```

views/shopAjax.php

```php
<?php session_start();?>
<div class="features_items">

    <?php

        if(isset($_POST["books"])){
            $books =$_POST["books"];
            $_SESSION["books"]=$_POST["books"];
        }

        else{
            $books=$_SESSION["books"];
        }

        $books=json_decode($books);
        $books=(array)($books);

        $bookNumber = count($books);

        $orderNum=$_POST["order"];

        switch ($orderNum) {
            case 2:
                usort($books, function($a, $b)
                {
                    return strcmp($b->name, $a->name);
                });
                break;
            case 3:
                usort($books, function($a, $b)
                {
                    return $a->price > $b->price;
                });
                break;
            case 4:
```

```php
                usort($books, function($a, $b)
                {
                    return $b->price > $a->price;
                });
                break;
            default:
                usort($books, function($a, $b)
                {
                    return strcmp($a->name, $b->name);
                });
            break;
        }

        for ($i=($_POST["pg"]-
1)*8; $i <($_POST["pg"])*8 && $i<$bookNumber; $i++):?>

            <div class="col-sm-3 productCss">
                <div class="product-image-wrapper productBox">
                    <div class="single-products">
                        <div id="bookDiv" class="productinfo text-
center productText">
                            <img src="assets/images/books/<?=$books[$i
]->image?>" alt="" />
                            <h2>$<?=$books[$i]->price?></h2>
                            <p><?=$books[$i]->name?></p>
                            <a href="#" data-id="<?=$books[$i]-
>id ?>" class="btn btn-default add-to-cart"><i class="fa fa-shopping-
cart"></i>Add to cart</a>
                        </div>
                        <div class="product-overlay">
                            <div class="overlay-content">
                                <a href="#" class="productDetails" dat
a-id="<?=$books[$i]->id?>">
                                    <h1><i class="fas fa-info-
circle"></i></h1>
                                    <p>Details</p>
```

```php
                                </a>
                                <h2>$<?=$books[$i]->price?></h2>
                                <p><?=$books[$i]->name?></p>
                                <a href="#" data-id="<?=$books[$i]-
>id ?>" class="btn btn-default add-to-cart"><i class="fa fa-shopping-
cart"></i>Add to cart</a>
                            </div>
                        </div>
                    </div>
                </div>
            </div>

        <?php endfor;?>



</div>
    <ul class="pagination">

        <?php
            $html="";
            for($i=1;$i<=ceil($bookNumber/8);$i++){
                if($i==$_POST["pg"]){
                    $html.='<li><a class="pages active" href="">'.$i.'</
a></li>';
                }
                else{
                    $html.='<li><a class="pages" href="">'.$i.'</a></li>
';
                }

            }
            echo $html;
        ?>
    </ul>
</section>
```

views/side-categories.php

```php
<section>
<div class="container">
<div class="row">
<div class="col-sm-3">
    <div class="left-sidebar">
        <h2>Category</h2>
        <div class="panel-group category-products" id="accordian">

            <?php
            require_once "models/categories/functions.php";
            $categories=getCategories();
            foreach($categories as $cat):?>
                <div class="panel panel-default">
                    <div class="panel-heading">
                        <h4 class="panel-title"><a id="cat<?=$cat-
>id?>" class="categoryLink" data-id="<?=$cat->id?>" href="#"><?=$cat-
>name?></a></h4>
                    </div>
                </div>
            <?php endforeach;?>

        </div>
        <div class="brands_products">
            <h2>Order</h2>
            <div class="brands-name">
                <div class="control-group">
                    <label class="control-
label alignL">Sort By </label>

                    <select id="sortBy">
                        <option value=1 <?php ?>  >Product name A -
 Z</option>
                        <option value=2 <?php  ?> >Product name Z -
 A</option>
```

```
                        <option value=3 <?php  ?> >Price Lowest first<
/option>
                        <option value=4 <?php ?> >Price Highest first<
/option>
                </select>
            </div>
        </div>
    </div>


    </div>
</div>
```

views/slider.php
```
<section id="slider"><!--slider-->
        <div class="container">
            <div class="row">
                <div class="col-sm-12">

                    <div class="carousel-inner">
                        <div class="item active">
                            <div class="col-sm-6">
                                <h1>Book Store</h1>
                                <h2>Best place to buy books</h2>
                                <p> A world of books for young and old
. Always worth a browse. Read, Lead, Succeed. </p>
                                <button type="button" class="btn btn-
default get"><a href="<?=BASE_URL."/index.php?page=shop&pg=1&order=1"?
>">Get it now</a></button>
                            </div>
                            <div class="col-sm-6" id="myCarousel">
                                <img src="assets/images/home/slider1.j
pg" class="girl img-responsive" alt="" />
                            </div>
                        </div>

                    </div>
```

```html
                    <a href="#myCarousel" class="left control-
carousel hidden-xs" id="leftSlide">
                        <i class="fa fa-angle-left"></i>
                    </a>
                    <a href="#myCarousel" class="right control-
carousel hidden-xs" id="rightSlide">
                        <i class="fa fa-angle-right"></i>
                    </a>
                </div>

            </div>
        </div>
    </div>
    </section><!--/slider-->
    <section>
<div class="container">
<div class="row">
```

models/books/deleteBook.php

```php
<?php

if(isset($_POST['id'])){
    require_once '../../config/connection.php';

    $id=$_POST['id'];

    $result = $conn->prepare("DELETE FROM books WHERE id=?");
    $result->bindValue(1, $id);

    try {
        $result->execute();
    }
    catch(PDOException $ex){
        http_response_code(500);
```

```php
    }
}

else {
    http_response_code(400); // 400 - Bad request
}
```

models/books/functions.php

```php
<?php

function getBooks(){
    return executeQuery("SELECT * FROM books");
}

function getFeaturedBooks(){
    return executeQuery("SELECT * FROM books WHERE isFeatured=1");
}
```

models/books/getAllBooks.php

```php
<?php

header('Content-Type: application/json');

require_once '../../config/connection.php';

try {
    $books =  executeQuery("SELECT * FROM books");
        echo json_encode($books);
}
catch(PDOException $ex){
    echo json_encode(['message', 'Problem with database:' . $ex-
>getMessage()]);
    http_response_code(500);
}
```

models/books/getBook.php

```php
<?php

header('Content-Type: application/json');

if(isset($_POST['id'])){
    require_once '../../config/connection.php';

    $id = $_POST['id'];

    $result = $conn->prepare("SELECT * FROM books WHERE id=?");
    $result->bindValue(1, $id);


    try {
        $result->execute();
        $book = $result->fetch();
        echo json_encode($book);
    }
    catch(PDOException $ex){
        echo json_encode(['message', 'Problem with database:' . $ex->getMessage()]);
        http_response_code(500);
    }
} else {
    http_response_code(400); // 400 - Bad request
}
```

models/books/insertBook.php

```php
<?php

header('Content-Type: application/json');

if(isset($_POST['formData'])){
    require_once '../../config/connection.php';
```

```php
$data=$_POST['formData'];

$name=$data["name"];
$author=$data["author"];
$text=$data["text"];
$price=$data["price"];
$stock=$data["stock"];
$image="temp.jpg";
$featured=$data["featured"];

$validate=true;
$errors=[];

if(strlen($name)>30||strlen($name)<2){
    array_push($errors,"Book name needs to be more then 2 and less
 then 30 characters");
}

if(!preg_match("/^[a-z ,.'-]+$/i",$author)){
    array_push($errors,"Author name is in wrong format");
}

if(strlen($text)>1000||strlen($text)<20){
    array_push($errors,"Description needs to be more than 20 and l
ess than 1000 characters");
}

if(!preg_match("/^([\d]{1,5})(\.[\d]{1,2})?$/",$price)){
    array_push($errors,"Price can have have max 5 digits and 2 dec
imal places (biggest number:99999.99)");
}

if(!preg_match("/^(?!(0))\d{1,4}$/",$stock)){
    array_push($errors,"Stock needs to be beetween 1 and 9999");
}
```

```php
    if(count($errors)>0){
        echo json_encode($errors);
    }


    else{
        $result = $conn-
>prepare("INSERT INTO books VALUES (NULL, ?, ?, ?, ?, ?, ?, ?)");
        $result->bindValue(1, $name);
        $result->bindValue(2, $author);
        $result->bindValue(3, $text);
        $result->bindValue(4, $price);
        $result->bindValue(5, $stock);
        $result->bindValue(6, $featured);
        $result->bindValue(7, $image);

        try {
            $result->execute();
            echo json_encode("Success");
        }
        catch(PDOException $ex){
            http_response_code(500);
        }
    }
}

else {
    http_response_code(400); // 400 - Bad request
}
```

models/books/updateBook.php

```php
<?php

header('Content-Type: application/json');
```

```php
if(isset($_POST['id'])&&isset($_POST['formData'])){
    require_once '../../config/connection.php';

    $id = $_POST['id'];
    $data=$_POST['formData'];

    $name=$data["name"];
    $author=$data["author"];
    $text=$data["text"];
    $price=$data["price"];
    $stock=$data["stock"];
    $image=$data["image"];
    $featured=$data["featured"];

    $validate=true;
    $errors=[];

    if(strlen($name)>30||strlen($name)<2){
        array_push($errors,"Book name needs to be more then 2 and less
 then 30 characters");
    }

    if(!preg_match("/^[a-z ,.'-]+$/i",$author)){
        array_push($errors,"Author name is in wrong format");
    }

    if(strlen($text)>1000||strlen($text)<20){
        array_push($errors,"Description needs to be more than 20 and l
ess than 1000 characters");
    }

    if(!preg_match("/^([\d]{1,5})(\.[\d]{1,2})?$/",$price)){
        array_push($errors,"Price can have have max 5 digits and 2 dec
imal places (biggest number:99999.99)");
    }
```

```php
if(!preg_match("/^(?!(0))\d{1,4}$/",$stock)){
    array_push($errors,"Stock needs to be beetween 1 and 9999");
}

if(!preg_match("/^\w+.jpg$/",$image)){
    array_push($errors,"Image needs to be in jpg format");
}

if(count($errors)>0){
    echo json_encode($errors);
}


else{
    $result = $conn-
>prepare("UPDATE books SET name=?,Author=?,text=?,price=?,inStock=?,im
age=?,isFeatured=? WHERE id=?");
    $result->bindValue(1, $name);
    $result->bindValue(2, $author);
    $result->bindValue(3, $text);
    $result->bindValue(4, $price);
    $result->bindValue(5, $stock);
    $result->bindValue(6, $image);
    $result->bindValue(7, $featured);
    $result->bindValue(8, $id);


    try {
        $result->execute();
        echo json_encode("success");
    }
    catch(PDOException $ex){
        http_response_code(500);
    }
}
}
```

```php
else {
    http_response_code(400); // 400 - Bad request
}
```

models /booksCategories /getBooksOfCategory.php

```php
<?php

header('Content-Type: application/json');

if(isset($_POST['id'])){
    require_once '../../config/connection.php';

    $id = $_POST['id'];

    if($id==1){
        $result=$conn->prepare("SELECT * FROM books");
    }

    else{
        $result = $conn->prepare("SELECT * FROM books
        WHERE id IN (
        SELECT idBook
        FROM `bookcategory`
        WHERE idCategory=?)");
        $result->bindValue(1, $id);
    }

    try {
        $result->execute();
        $books = $result->fetchAll();
        echo json_encode($books);
    }
    catch(PDOException $ex){
        echo json_encode(['message', 'Problem with database:' . $ex-
>getMessage()]);
```

```php
        http_response_code(500);
    }
} else {
    http_response_code(400); // 400 - Bad request
}
```

models /cart/getCartItems.php
```php
<?php
 session_start();
 header('Content-Type: application/json');

if(isset($_SESSION['user'])){

    if(isset($_POST['orders'])){

        require_once '../../config/connection.php';

        $orders=$_POST['orders'];
        $orders=json_decode($orders);
        $books=[];
        $id = $_SESSION['user']->id;

        for ($i=0; $i <count($orders) ; $i++) {

            $result = $conn-
>prepare("SELECT id,name,price,inStock,image,Author FROM books WHERE i
d=?");

            $idBook=$orders[$i]->idBook;
            $result->bindValue(1, $idBook);
            try {
                $result->execute();
                $book = $result->fetch();
            }
            catch(PDOException $ex){
```

```php
                    echo json_encode(['message', 'Problem with database
:' . $ex->getMessage()]);
            }

            $book->quantity=$orders[$i]->quantity;

            array_push($books,$book);
        }

        echo json_encode($books);

    }


    else {
        http_response_code(400); // 400 - Bad request
        }
    }

    else{
        echo "Your cart is empty";
    }


?>
```

models /categories/functions.php

```php
<?php

function getCategories(){
    return executeQuery("SELECT * FROM categories");
}
```

models /log/getVisitPrecentage.php

```php
<?php
header('Content-Type: application/json');

$file = fopen('../../data/log.txt','r');
$arr=[];
$arrTime=[];
$time=date('Y-m-d H:i:s', $_SERVER['REQUEST_TIME']);
$time= strtotime($time);


while ($line = fgets($file)) {
    $time2=substr($line,strrpos($line,"t")+1);
    $time2=strtotime($time2);
    $difference = round(abs($time - $time2) / 3600,2);
    if($difference<=24){
        array_push($arr,substr($line,0,strpos($line,".php")));
    }

}

fclose($file);

$arr=array_count_values($arr);

echo json_encode($arr);
```

models /log/selectLoggedIn.php

```php
<?php

header('Content-Type: application/json');

require_once '../../config/connection.php';

try {
```

```php
    $users =  executeQuery("SELECT firstName,lastName,email,idRole,dat
eCreated FROM users WHERE isLogged=1");
    echo json_encode($users);
}
catch(PDOException $ex){
    echo json_encode(['message', 'Problem with database:' . $ex-
>getMessage()]);
    http_response_code(500);
}
```

models /orders/deleteOrder.php

```php
<?php
 session_start();

if(isset($_SESSION['user'])&&isset($_POST['id']))
{
        require_once '../../config/connection.php';

        $idUser = $_SESSION['user']->id;
        $idBook=$_POST["id"];

        $result = $conn-
>prepare("DELETE FROM orders WHERE idUser=? and idBook=?");
        $result->bindValue(1, $idUser);
        $result->bindValue(2, $idBook);

        try {
            $result->execute();
        }
        catch(PDOException $ex){
            http_response_code(500);
        }
}

    else {
```

```php
        http_response_code(400); // 400 - Bad request
        }


?>
```

models /orders/getUserOrders.php

```php
<?php
session_start();
header('Content-Type: application/json');

if(isset($_SESSION['user'])){
        require_once '../../config/connection.php';

        $id = $_SESSION['user']->id;

        $result = $conn-
>prepare("SELECT idBook,quantity FROM orders WHERE idUser=? ORDER BY d
ateCreated DESC");
        $result->bindValue(1, $id);

        try {
            $result->execute();
            $orders = $result->fetchAll();
            echo json_encode($orders);
        }
        catch(PDOException $ex){
            echo json_encode(['message', 'Problem with database:' . $e
x->getMessage()]);
            http_response_code(500);
        }
    }

    else {
        http_response_code(400); // 400 - Bad request
        }
```

```php
?>
```

models /orders/insertOrder.php

```php
<?php
session_start();
if(isset($_SESSION["user"])){
    if(isset($_POST['id'])){
        require_once '../../config/connection.php';

        $idBook = $_POST['id'];
        $idUser=$_SESSION["user"]->id;

        $check=$conn-
>prepare("SELECT quantity FROM orders WHERE idUser=? AND idBook=?");
        $check->bindValue(1, $idUser);
        $check->bindValue(2, $idBook);
        $check->execute();
        $exists=$check->fetch();

        if ($exists){
            $result = $conn-
>prepare("UPDATE orders SET quantity=quantity+1 WHERE idBook=? AND idU
ser=?");
            $result->bindValue(1, $idBook);
            $result->bindValue(2, $idUser);
        }

        else{
            $result = $conn-
>prepare("INSERT INTO orders VALUES(?,?,?,null)");

            $quantity=1;
            $result->bindValue(1, $idUser);
            $result->bindValue(2, $idBook);
            $result->bindValue(3, $quantity);
        }
```

```php
        try {
            $result->execute();
            echo "Added to cart";
        }
        catch(PDOException $ex){
            //echo json_encode(['message', 'Problem with database:' .
$ex->getMessage()]);
            http_response_code(500);
        }
    }
else {
    http_response_code(400); // 400 - Bad request
}


}

else{
    $_SESSION["success"]="You need to be logged in first!";
    echo 0;
}
```

models /users/activation.php

```php
<?php

if (session_status() == PHP_SESSION_NONE) {
    session_start();
}

if(isset($_GET["code"])){

    $code=$_GET["code"];
    require_once '../../config/connection.php';

    $prep=$conn->prepare("select * from users where code=:code");
    $prep->execute(['code' => $code]);
```

```php
    $data=$prep->fetchAll();

    if(count($data)==1){
        $prep=$conn-
>prepare("update users set isActive=1 where code=:code");
        $prep->execute(['code' => $code]);
        $_SESSION["success"]="<p>You have activated your account succe
ssfuly, you can login now!</p>";
        header("Location: ".BASE_URL."//index.php?page=login");
    }

    else{
        echo "Your confrimation code is wrong!";
        echo "Please check again if you got the correct link.";
    }
}

else{
    echo "Your confrimation code is wrong!";
    echo "Please check again if you got the correct link.";
}


?>
```

models /users/login.php

```php
<?php
if (session_status() == PHP_SESSION_NONE) {
    session_start();
}

require_once '../../config/connection.php';

if(isset($_POST["loginBtn"])){
    $email = trim($_POST["loginEmail"]);
    $pass = trim($_POST["loginPass"]);
```

```php
    $error = [];

    if(!filter_var($email, FILTER_VALIDATE_EMAIL)){
        $error[] = "Email is not valid!";
    }


    if(count($error) == 0){


        $prepare = $conn-
>prepare("SELECT us.id,us.firstName,us.password,rl.name as role from u
sers us INNER JOIN roles rl on us.idRole=rl.id WHERE isActive=1 AND em
ail = :email");

        $prepare->bindParam(":email", $email);
        $pass = md5($pass);

        $prepare2=$conn-
>prepare("UPDATE users SET isLogged=1 WHERE email=:email");
        $prepare2->bindParam(":email", $email);

        try {
            $prepare->execute();

            $user=$prepare->fetch();
        }
        catch(PDOException $ex){
            $_SESSION["errors"] = ["Problem with database".$ex];
            header("Location:".BASE_URL."//index.php?page=login");
        }

        if(isset($user)){

            if(($pass==$user->password)){
```

```php
                try {
                    $prepare2->execute();
                }
                catch(PDOException $ex){
                    $_SESSION["errors"] = ["Problem with database".$ex
];
                    header("Location:".BASE_URL."//index.php?page=logi
n");
                }

                $_SESSION['user'] = $user;

                if($user->role== "Customer"){
                    header("Location: ".BASE_URL."//index.php");
                }
                else if($user->role == "Admin"){
                    header("Location: ".BASE_URL."//index.php");
                }
            }
            else{
                $_SESSION['errorLogin'] = ["Wrong password or account
 is not acctivated"];
                mail($email, "Log in Message", "Someone tried logging
 in your account with wrong password.","From:bookstore@company.com");
                header("Location:".BASE_URL."//index.php?page=login");
            }
        }
        else {
            $_SESSION['errorLogin'] = ["Account bound to that email is
 not activated or doesn't exist"];
            header("Location:".BASE_URL."//index.php?page=login");
        }

    }
    else {
        $_SESSION['errorLogin'] = $error;
```

```php
        header("Location:".BASE_URL."//index.php?page=login");
    }


}

?>
```

models /users/logout.php

```php
<?php
session_start();
require_once '../../config/config.php';
require_once '../../config/connection.php';

$id=$_SESSION["user"]->id;
$prepare=$conn->prepare("UPDATE users SET isLogged=0 WHERE id=:id");
$prepare->bindParam(":id", $id);

try {
    $prepare->execute();
}
catch(PDOException $ex){
    $_SESSION["errors"] = ["Problem with database".$ex];
    header("Location:".BASE_URL."//index.php?page=login");
}


unset($_SESSION['user']);
$_SESSION["success"]="You have been successfully logged out";
header("Location:".BASE_URL."//index.php?page=login#msg");
```

models /users/sendMessage.php

```php
<?php
if(isset($_POST["send"])){

    require_once '../../config/config.php';
```

```php
    $name = $_POST['name'];
    $subject = $_POST['subject'];
    $email = $_POST['email'];
    $text = $_POST['message'];


    $reName = '/^[A-Z][a-z]{1,14}(\s[A-Z][a-z]{1,19})+$/';


    $errors = [];

    if(!preg_match($reName, $name))
        array_push($errors,"Name is in wrong format -
 Example: John Smith");


    if(!filter_var($email, FILTER_VALIDATE_EMAIL))
        array_push($errors,"Email is in wrong format -
 Example: john12@gmail.com");


    if (strlen($text) > 160||strlen($text) < 16) {
        array_push($errors,"Message need to between 16 and 160 charact
ers");
    }


    if (strlen($subject) > 40) {
        array_push($errors,"Subject need to be less than 40 characters
");
    }


    if(count($errors)>0){
        for ($i=0; $i <count($errors); $i++) {
            echo "<p>".$errors[$i]."</p>";
        }

        echo "<h3>You will be redirected back!</h3>";
        header("refresh:3;url=".BASE_URL."/index.php?page=contact");
    }
```

```php
    else {
        //mail("zaboravan99@gmail.com", "Message",$text,"From:".$email
);

        header("refresh:3;url=".BASE_URL."/index.php?page=contact");
        echo "<p>Message sent to sajtphp@gmail.com</p>";
        echo "<h3>You will be redirected back!</h3>";
    }
}

?>
```

models /users/register.php

```php
<?php

if (session_status() == PHP_SESSION_NONE) {
    session_start();
}

if(isset($_POST["registerBtn"])){
    require_once '../../config/config.php';

    $firstName = $_POST['registerFName'];
    $lastName = $_POST['registerLname'];
    $email = $_POST['registerEmail'];
    $pass = $_POST['registerPassword'];

    $reFname="/^[A-Z][a-z]{2,25}$/";
    $reLname="/^[A-Z][a-z]{2,35}$/";
    $rePass="/^.{5,30}$/";

    $errors = [];

    if(!preg_match($reFname, $firstName))
```

```php
        array_push($errors,"First name is in wrong format -
Example: John");

    if(!preg_match($reFname, $lastName))
        array_push($errors,"Last name is in wrong format -
Example: Smith");

    if(!filter_var($email, FILTER_VALIDATE_EMAIL))
        array_push($errors,"Email is in wrong format -
Example: john12@gmail.com");

    if(!preg_match($rePass, $pass))
        array_push($errors,"Password is in wrong format -
Example: m0nk3y (minimum 5 characters)");

    if(count($errors) == 0) {

        require_once '../../config/connection.php';

        $activation=sha1(mt_rand(10000,99999).time().$email);
        $timestamp=date("Y-m-d H:i:s");
        $pass=md5($pass);
        $active=0;
        $uloga=2;

        $query = "INSERT INTO users VALUES (null,:idRole,:firstName,:l
astName,:password,:email,null,:isActive,0,:code)";

        $prepare=$conn->prepare($query);
        $prepare->bindParam(":idRole",$uloga);
        $prepare->bindParam(":firstName", $firstName);
        $prepare->bindParam(":lastName", $lastName);
        $prepare->bindParam(":password",$pass);
        $prepare->bindParam(":email", $email);
        $prepare->bindParam(":isActive",$active);
        $prepare->bindParam(":code", $activation);
```

```php
        try {
            $prepare->execute();
            $_SESSION["success"] = "<p>Activational link is sent to yo
ur email </p>";
            mail($email, "Confrim link", "Please confrim your registra
tion:".BASE_URL."//models/users/activation.php?code=".$activation."",""
From:bookstore@company.com");
            header("Location:".BASE_URL."//index.php?page=login#msg");

        }
        catch(PDOException $ex){
            $_SESSION["errors"] = ["User with same email already exist
s!".$ex];
            header("Location:".BASE_URL."//index.php?page=login#msg");

        }

    }
    else {
        $_SESSION['errors'] = $errors;
        header("Location:".BASE_URL."//index.php?page=login#msg");
    }
}

?>
```

config/connection.php

```php
<?php

require_once "config.php";
logUser();

try {
```

```php
    $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);
}
catch(PDOException $ex){
    echo $ex->getMessage();
}

function executeQuery($query){
    global $conn;
    return $conn->query($query)->fetchAll();
}

function logUser(){
    $open = fopen(LOG_FAJL, "a");
    if($open){
        $time=date('Y-m-d H:i:s', $_SERVER['REQUEST_TIME']);
        fwrite($open, "{$_SERVER['PHP_SELF']}\t{$_SERVER['REMOTE_ADDR'
]}\tt$time\n");
        fclose($open);
    }
}
```

config/config.php
REPLACE HERE

config/.env
REPLACE HERE

assets/css/myCss.css

```css
.active{
    color:orange !important;
}

.productDetails{
    color:white;
```

```css
    background-color: grey !important;
}

.cart_product img{
    height:130px;
}

table {
    width: 100%;
    border-collapse: collapse;

  }
  /* Zebra striping */
tr:nth-of-type(odd) {
  background: #eee;
}
th {
  background: orange ;
  color: white;
  font-weight: bold;
}
#admin td, th {
  padding: 6px;
  border: 1px solid #ccc;
  text-align: left;
}

#adminProductTable tr:hover{
  background: #a6a5a1 !important;
}

#adminProducts{
  padding-top:30px;
}

.pagination{
```

```css
    padding-top:15px;
}

.trSelect{
    background: #a6a5a1 !important;
}

#updateFormDiv{
    display: none ;
}

#insertFormDiv{
    display: none ;
}

#about{
    text-align: center;
}

#aboutText{
    font-size:17px;
    padding-top:60px;
    padding-bottom:90px;
}

.add-to-cart{
    font-size:13px;
}

.product-overlay .add-to-cart{
    font-size:13px;
}

#userData{
    margin-bottom:40px;
}
```

```css
#smallMenuList{
    display:none;
    background-color: black;
    font-size:17px;
    border-radius:12px;
}

#smallMenuList a{
    color:orange;
}

#headerTop{
    padding: 0px;
}

#welcomeUser{
    text-align: center;
}

#footer1{
    float:left;
}

.companyinfo p{
    color:black;
}

#cartItems{
    padding-bottom: 50px;
}
```

assets/js/main.js

```js
window.onload=function(){
    localStorage.setItem("catTemp",1);
```

```
localStorage.setItem("pg",1);

localStorage.setItem("order",1);
$("#cat1").css("color","orange");

$("#smallMenu").on("click",function(){
    $("#smallMenuList").slideToggle();
});

let params = new URLSearchParams(location.search);
if(params.get('page')=="shop"){
    ajaxGetProducts(1);
}

else if(params.get('page')=="cart"){
    localStorage.setItem("pgCart",1);
    getUserOrdersAjax();
}
else if(params.get('page')=="admin"){
    localStorage.setItem("pgAdmin",1);
    getVisitPercentage();
    getLoggedInUsers();
    adminGetBooks();

    $("#operations input[name='update']").on("click",function(){
        getUpdateForm();
        $("#errorsDiv").fadeOut();
    });

    $("#operations input[name='insert']").on("click",function(){
        $("#insertFormDiv").fadeIn();
        $("#updateFormDiv").fadeOut();
        $("#errorsDiv").fadeOut();
    });

    $("#operations input[name='delete']").on("click",function(){
```

```
                adminDeleteProduct(localStorage.getItem("selectedProduct")
);
            $("#errorsDiv").fadeOut();
        });

        $("#submitInsert").on("click",function(){
            if(regexInsert()==true){
                adminInsertProduct();
            }

        });

        $("input[name='excel']").on("click",function(){
            exportToExcel();
        });
    }

    if(localStorage.getItem("tmpBook")!==null){
        $("#productDetailsDiv").html(localStorage.getItem("tmpBook"));
        //localStorage.removeItem("tmpBook");
    }

    //SLIDE SHOW
    let iSlide=0;
    let images=["slider1.jpg","slider2.jpg","slider3.jpg"]; //UCITATI
iz baze
    let time;

    let timer=function()
    {
        time=setInterval(()=>{
        iSlide++;
        if(iSlide>images.length-1)
            iSlide=0;
        changeSlider(images[iSlide]);
    },5000);
```

```
    }

    timer();

    $("#leftSlide").on("click",(e)=>{
        e.preventDefault();
        iSlide--;
        if(iSlide==-1)
            iSlide=images.length-1;
        changeSlider(images[iSlide]);
        clearInterval(time);
        timer();
    });

    $("#rightSlide").on("click",(e)=>{
        e.preventDefault();
        iSlide++;
        if(iSlide>images.length-1)
            iSlide=0;
        changeSlider(images[iSlide]);
        clearInterval(time);
        timer();
    });


    //category change
    $(".categoryLink").on("click",function(e){
        e.preventDefault();

        let id=$(this).data("id");

        if(id!=localStorage.getItem("catTemp")){
            localStorage.setItem("pg",1);
            $("#cat"+localStorage.getItem("catTemp")).css("color","#69
6763");
            localStorage.setItem("catTemp",id);
```

```javascript
            ajaxGetProducts(id);
        }
    });


    paginationClick();
    productDetailsClick();
    addToCartClick();


    $("#sortBy").on("change",function(){
        localStorage.setItem("order",$(this).val());
        printProducts();
    });


    //contact
    $("#send").on("click",regex);



}

// PRODUCTS PRODUCTS PRODUCTS

function ajaxGetProducts(id){

    $.ajax({
        url: 'models/booksCategories/getBooksOfCategory.php',
        method: 'POST',
        data: {
            id: id,
        },
        dataType: 'json',
        success: function(books){
            console.warn('USPESNO DOHVACENI PROIZVODI');
            printProducts(JSON.stringify(books));
            $("#cat"+id).css("color","orange");
        },
        error: function(greska, status, statusText){
```

```javascript
            console.error('GRESKA DOHVATANJE PROIZVODA:');

            console.log(greska.parseJSON);
            alert(greska.parseJSON.poruka);
        }
    })
}


function printProducts(books){
    let pg=localStorage.getItem("pg");
    let order=localStorage.getItem("order");
    $.ajax({
        url: 'views/shopAjax.php',
        method: 'POST',
        data: {
            "books":books,
            "pg":pg,
            "order":order,
        },
        success: function(data){
            console.warn('USPESNO DOHVACEN ISPIS PROIZVODA');
            $("#products").html(data);
            $("#products").hide();
            $("#products").fadeIn(250);

            paginationClick();
            productDetailsClick();
            addToCartClick();
        },
        error: function(greska, status, statusText){
            console.error('GRESKA DOHVATANJE ISPISA PROIZVODA:');

            console.log(greska.parseJSON);


        }
    })
```

```javascript
}

// PRODUCT_DETAILS PRODUCT_DETAILS PRODUCT_DETAILS

function ajaxGetProductDetails(id){

    $.ajax({
        url: 'models/books/getBook.php',
        method: 'POST',
        data: {
            id: id,
        },
        dataType: 'json',
        success: function(book){
            console.warn('USPESNO DOHVACEN PROIZVOD');
            printProductDetails(JSON.stringify(book));
        },
        error: function(greska, status, statusText){
            console.error('GRESKA DOHVATANJE 1 PROIZVODA:');

            console.log(greska.parseJSON);

        }
    })


}

function printProductDetails(book){
    $.ajax({
        url: 'views/productDetailsAjax.php',
        method: 'POST',
        data: {
            "book":book,
        },
```

```javascript
        success: function(data){
            console.warn('USPESNO DOHVACEN ISPIS Detalja PROIZVODA');
            localStorage.setItem("tmpBook",data);
            window.location.href="https://phpraktikum.000webhostapp.co
m//index.php?page=productDetails";

        },
        error: function(greska, status, statusText){
            console.error('GRESKA DOHVATANJE ISPISA PROIZVODA:');

            console.log(greska.parseJSON);
            //alert(greska.parseJSON.poruka);
        }
    })
}

function productDetailsClick(){
    $('.productDetails').click(function(e){
        e.preventDefault();
        ajaxGetProductDetails($(this).data("id"));
    });

    $(".productDetails").hover(function(){
        $(this).css("color","grey");
        }, function(){
            $(this).css("color","black");
    });

}

function paginationClick(){
    $(".pagination li a").on("click",function(e){
        e.preventDefault();
        localStorage.setItem("pg",$(this).text());
        printProducts();
    });
```

```javascript
}

// CART CART CART CART CART CART

function addToCartAjax(id){
    $.ajax({
        url: 'models/orders/insertOrder.php',
        method: 'POST',

        data: {
            "id":id,
        },
        success: function(data){
            if(data==0){
                window.location.href="https://phpraktikum.000webhostap
p.com//index.php?page=login#msg";
            }

            else{
                alert("Product succesfuly added to cart");
            }
        },
        error: function(greska, status, statusText){
            console.error('GRESKA DODAVANJA U KORPU');

            console.log(greska.parseJSON);
            //alert(greska.parseJSON.poruka);
        }
    })
}

function deleteOrder(id){
    $.ajax({
        url: 'models/orders/deleteOrder.php',
        method: 'POST',
        data: {
```

```
                "id":id,
            },
            success: function(){
                console.warn("sucsess delete order");
            },
            error: function(xhr, status, error){
                var errorMessage = xhr.status + ': ' + xhr.statusText
                alert('Error - ' + errorMessage);
                console.log(greska.parseJSON);
            }
        })
    }

    function getUserOrdersAjax(){
        $.ajax({
            url: 'models/orders/getUserOrders.php',
            method: 'POST',
            success: function(data){
                console.warn("sucsess orders");
                getCartItemsAjax(JSON.stringify(data));
            },
            error: function(xhr, status, error){
                var errorMessage = xhr.status + ': ' + xhr.statusText
                alert('Error - ' + errorMessage);
                console.log(greska.parseJSON);

            }
        })
    }

    function getCartItemsAjax(orders){
        $.ajax({
            url: 'models/cart/getCartItems.php',
            method: 'POST',
            data: {
                "orders":orders,
```

```javascript
        },
        success: function(data){
            console.warn("sucsess cart items");
            printCartItems(JSON.stringify(data));


        },
        error: function(xhr, status, error){
            var errorMessage = xhr.status + ': ' + xhr.statusText
            alert('Error - ' + errorMessage);
            console.error('waaaaat');

            console.log(greska.parseJSON);
            //alert(greska.parseJSON.poruka);
        }
    })
}

function printCartItems(books){

    let pg=localStorage.getItem("pgCart");
    $.ajax({
        url: 'views/cartAjax.php',
        method: 'POST',
        data: {
            "books":books,
            "pg":pg,
        },
        success: function(data){
            console.warn('USPESNO DOHVACEN ISPIS CART');
            $("#cartItems").html(data);
            $("#cartItems").hide();
            $("#cartItems").fadeIn(250);
            paginationClickCart();
            deleteOrderClick();
        },
        error: function(greska, status, statusText){
```

```javascript
                console.error('GRESKA DOHVATANJE ISPISA CART');

                console.log(greska.parseJSON);

        }
    })
}

function deleteOrderClick(){
    $(".cart_quantity_delete").on("click",function(e){
        e.preventDefault();
        deleteOrder($(this).data("id"));
        getUserOrdersAjax();
    });

}

function paginationClickCart(){
    $(".pagination li a").on("click",function(e){
        e.preventDefault();
        localStorage.setItem("pgCart",$(this).text());
        printCartItems();
    });
}

function addToCartClick(){
    $(".add-to-cart").on("click",function(e){
        e.preventDefault();
        addToCartAjax($(this).data("id"));
    });
}

// CONTACT CONTACT CONTACT CONTACT

function check(){
    $(".error").hide();
```

```javascript
$(".error").fadeIn();

let errors=[];
let test=false;

let reFname,reLname,reEmail,rePass,fname,lname,email,pass;
fname=$("#registerFName").val().trim();
lname=$("#registerLname").val().trim();
email=$("#registerEmail").val().trim();
pass=$("#registerPassword").val().trim();

reFname=/^[A-Z][a-z]{2,25}$/;
reLname=/^[A-Z][a-z]{2,35}$/;
reEmail=/^[a-zA-Z0-9_.+-]+@[a-zA-Z0-9-]+.[a-zA-Z0-9-.]+$/;
rePass=/^.{5,30}$/;

if(!reFname.test(fname)){
    let tmp="First name is in wrong format - Example: John";
    errors.push(tmp);
    $("#errorFname").html(tmp);
}
else
    $("#errorFname").html("");


if(!reLname.test(lname)){
    let tmp="Last name is in wrong format - Example: Smith";
    errors.push(tmp);
    $("#errorLname").html(tmp);
}
else
    $("#errorLname").html("");

if(!reEmail.test(email)){
    let tmp="Email is in wrong format -
Example: john12@gmail.com";
```

```
            errors.push(tmp);
            $("#errorEmail").html(tmp);
      }
      else
            $("#errorEmail").html("");

      if(!rePass.test(pass)){
            let tmp="Password is in wrong format -
Example: m0nk3y (minimum 5 characters)";
            errors.push(tmp);
            $("#errorPass").html(tmp);
      }
      else
            $("#errorPass").html("");

      if(errors.length==0){
            test=true;
      }

      return test;

}

regex=()=>{
   let name,email,message,subject;
   let reName,reEmail;
   let send=true;
   let errors=[];

   name=$("#name").val().trim();
   email=$("#email").val().trim();
   message=$("#mess").val().trim();
   subject=$("#subject").val().trim();

   reName = /^[A-Z][a-z]{1,14}(\s[A-Z][a-z]{1,19})+$/;
   reEmail = /^[a-z][a-z\d\_\.\-]+\@[a-z\d]+(\.[a-z]{2,4}){1,3}$/;
```

```javascript
if (!reName.test(name)){
    send=false;
    errors.push("Name not in correct format: John Smith");
}
if (!reEmail.test(email)){
    send=false;
    errors.push("Email not in correct format: john23@gmail.com");
}
if (message.length > 160||message.length < 16) {
    send = false;
    errors.push("Message need to between 16 and 160 characters");
}

if (subject.length > 40) {
    send = false;
    errors.push("Subject needs to less then 40 characters");
}

if(send==false)
{
    let errorIspis="<h4>Contact Format</h4>";
    errors.forEach(el => {
        errorIspis+=`<p>${el}</p>`;
    });
    $("#errors").html(errorIspis);
    $("#errors").css("color","red");
}
else{
    alert("Message was sent sucessfuly");
    $("#name").val("");
    $("#email").val("");
    $("#mess").val("");
    $("#errors").html(`<h4>Message Format</h4>
    <p>Name format: John Smith</p>
    <p>Email format: john23@gmail.com</p>
```

```javascript
            <p>Message between 16 and 160 characters</p>`);
            $("#errors").css("color","black");
    }


    return send;
}



changeSlider=(img)=>{
    let image=$("#myCarousel img");
    image.fadeOut("fast",(e)=>{
        image.fadeIn();
        image.attr("src", "assets/images/home/"+img);
    })
}



// ADMIN ADMIN ADMIN ADMIN ADMIN ADMIN

function getVisitPercentage(){

    $.ajax({
        url: 'models/log/getVisitPercentage.php',
        method: 'POST',
        dataType: 'json',
        success: function(data){
            console.warn('USPESNO DOHVACEN log');
            printLog(data);
        },
        error: function(greska, status, statusText){
            console.error('GRESKA DOHVATANJE loga:');

            console.log(greska.parseJSON);


        }
```

```javascript
        })


}

function printLog(data){
    let html=`
    <tr>
        <th>Page</th>
        <th>Times visited</th>
        <th>Precentage</th>
    </tr>`;

    let sum=0;

    for (var property in data) {
        if (data.hasOwnProperty(property))
        {
            sum+=data[property];
        }
    }

    for (var property in data) {
        if (data.hasOwnProperty(property)) {
          html+="<tr><td>"+property+"</td>";
          html+="<td>"+data[property]+"</td>";
          html+="<td>"+((data[property]/sum)*100).toFixed(2)+"%</td></
tr>";
        }
      }
    html+="</tr>";
    $("#logData").html(html);
}

function getLoggedInUsers(){
    $.ajax({
        url: 'models/log/selectLoggedIn.php',
```

```
        method: 'POST',
        success: function(data){
            console.warn('USPESNO DOHVACENENI logovani useri');
            loggedUsersAjax(data);
        },
        error: function(greska, status, statusText){
            console.error('GRESKA DOHVATANJE logovanih usera:');

            console.log(greska.parseJSON);

        }
    })
}

function loggedUsersAjax(data){
    $.ajax({
        url: 'views/loggedUsersAjax.php',
        method: 'POST',
        data: {
            "data":data,
        },
        success: function(data){
            console.warn('USPESNO DOHVACEN prikaz usera');
            $("#userData").html(data);
        },
        error: function(greska, status, statusText){
            console.error('GRESKA DOHVATANJA prikaza usera');

            console.log(greska.parseJSON);

        }
    })
}
```

```javascript
function adminGetBooks(){

    $.ajax({
        url: 'models/books/getAllBooks.php',
        method: 'POST',
        success: function(books){
            console.warn('USPESNO DOHVACENI PROIZVODa admin');
            printAdminBooks(JSON.stringify(books));
        },
        error: function(greska, status, statusText){
            console.error('GRESKA DOHVATANJE PROIZVODA admin');
            console.log(greska);
        }
    })

}

function printAdminBooks(books){
    let pg=localStorage.getItem("pgAdmin");
    $.ajax({
        url: 'views/adminProductsAjax.php',
        method: 'POST',
        data: {
            "books":books,
            "pg":pg,
        },
        success: function(data){
            $("#adminProducts").html(data);
            adminPaginationClick();
            adminProductRowClick();
```

```javascript
            localStorage.removeItem("selectedProduct");
            console.warn('USPESNO DOHVACENI PRIKAZ ADMIN PROIZOVDA');
        },
        error: function(greska, status, statusText){
            console.error('GRESKA DOHVATANJE PRIKAZ ADMIN PROIZOVDA');

            console.log(greska);


        }
    })
}


function adminPaginationClick(){
    $(".pagination li a").on("click",function(e){
        e.preventDefault();
        localStorage.setItem("pgAdmin",$(this).text());
        printAdminBooks();
    });
}


function adminProductRowClick(){
    $(".adminProductRow").on("click",function(){
        let id=$(this).data("id");
        let idPrev=localStorage.getItem("selectedProduct");

        if( id!=idPrev)
        {
            localStorage.setItem("selectedProduct",id);
            $(this).addClass("trSelect");

            $(`.adminProductRow[data-
id=${idPrev}]`).removeClass('trSelect');
        }

    });
```

```javascript
}

function getUpdateForm(){
    let id=localStorage.getItem("selectedProduct");
    if(id !==null){
        $.ajax({
            url: 'models/books/getBook.php',
            method: 'POST',
            data: {
                "id":id,
            },
            success: function(data){
                printUpdateForm(JSON.stringify(data));
                console.warn('SUCCESSFULY GOT BOOK');
            },
            error: function(greska, status, statusText){
                console.error('ERROR GETING BOOK');
                console.log(greska);

            }
        });
    }

    else{
        alert("Please select product to update!");
    }

}

function printUpdateForm(book){

    $.ajax({
        url: 'views/adminUpdateFormAjax.php',
        method: 'POST',
        data: {
            "book":book,
```

```javascript
        },
        success: function(data){
            $("#updateForm").html(data);
            $("#updateFormDiv").fadeIn();
            $("#insertFormDiv").fadeOut();

            console.warn('SUCCESSFULY SHOWED UPDATE FORM');
            $("#submitUpdate").on("click",function(){
                if(regexUpdate()==true){
                let tmp=$(this).data("id");
                adminUpdateProduct(tmp);
                }
            });

        },
        error: function(greska, status, statusText){
            console.error('ERROR SHOWING UPDATE FORM');
            console.log(greska);

        }
    });
}


function adminUpdateProduct(id){

    let formData = {};
    $("#updateForm").find("input[name]").each(function (i,node) {
        formData[node.name] = node.value;
    });
    formData["text"]=$("textarea[name=text]").val();

    if($('#featured').is(":checked")){
        formData["featured"]=1;
    }
    else{
```

```javascript
        formData["featured"]=0;
    }

    $.ajax({
        url: 'models/books/updateBook.php',
        method: 'POST',
        data: {
            "id":id,
            "formData":formData,
        },
        success: function(data){
            if(Array.isArray(data)){
                errorsDiv(data);
            }
            else{
                alert("Updated successfuly");
                $("#updateFormDiv").fadeOut();
                $("#errorsDiv").fadeOut();
                adminGetBooks();
            }
        },
        error: function(greska, status, statusText){
            console.error('GRESKA UPDATE');
            console.log(greska);

        }
    });

}

function adminInsertProduct(){

    let formData = {};
    $("#insertForm").find("input[name]").each(function (i,node) {
        formData[node.name] = node.value;
    });
```

```
formData["text"]=$("textarea[name=text]").val();

if($('#featured').is(":checked")){
    formData["featured"]=1;
}
else{
    formData["featured"]=0;
}

$.ajax({
    url: 'models/books/insertBook.php',
    method: 'POST',
    data: {
        "formData":formData,
    },
    success: function(data){
        if(Array.isArray(data)){
            errorsDiv(data);
        }
        else{
            adminGetBooks();
            alert("Inserted successfuly");
            $("#insertFormDiv").fadeOut();
            $("#errorsDiv").fadeOut();
        }
    },
    error: function(greska, status, statusText){
        console.error('ERROR INSERT');
        console.log(greska);

    }
});

}

function regexInsert(){
```

```javascript
    let formData = {};
    $("#insertForm").find("input[name]").each(function (i,node) {
        formData[node.name] = node.value;
    });
    formData["text"]=$("textarea[name=text]").val();

    let validate=true;
    let errors=[];

    if(formData["name"].length>30||formData["name"].length<2){
        validate=false;
        errors.push("Book name needs to be more then 2 and less then 3
0 characters");
    }

    let reAuthor=/^[a-z ,.'-]+$/i;
    if(!reAuthor.test(formData["author"])){
        validate=false;
        errors.push("Author name is in wrong format");
    }

    if(formData["text"].length>1000||formData["text"].length<20){
        validate=false;
        errors.push("Description needs to be more than 20 and less tha
n 1000 characters");
    }

    let rePrice=/^([\d]{1,5})(\.[\d]{1,2})?$/;
    if(!rePrice.test(formData["price"])){
        validate=false;
        errors.push("Price can have have max 5 digits and 2 decimal pl
aces (biggest number:99999.99)");
    }

    let reStock=/^(?!(0))\d{1,4}$/;
    if(!reStock.test(formData["stock"])){
```

```javascript
            validate=false;
            errors.push("Stock needs to be beetween 1 and 9999");
        }

        if(validate==false){
            errorsDiv(errors);
        }

        return validate;

}

function errorsDiv(arr){
    html="";
    arr.forEach(el => {
        html+="<p>"+el+"</p>";
    });
    $("#errorsDiv").html(html);
    $("#errorsDiv").fadeIn();
}


function regexUpdate(){
    let formData = {};
    $("#updateForm").find("input[name]").each(function (i,node) {
        formData[node.name] = node.value;
    });
    formData["text"]=$("textarea[name=text]").val();

    let validate=true;
    let errors=[];

    if(formData["name"].length>30||formData["name"].length<2){
        validate=false;
```

```
        errors.push("Book name needs to be more then 2 and less then 3
0 characters");
    }

    let reAuthor=/^[a-z ,.'-]+$/i;
    if(!reAuthor.test(formData["author"])){
        validate=false;
        errors.push("Author name is in wrong format");
    }

    if(formData["text"].length>1000||formData["text"].length<20){
        validate=false;
        errors.push("Description needs to be more than 20 and less tha
n 1000 characters");
    }

    let rePrice=/^([\d]{1,5})(\.[\d]{1,2})?$/;
    if(!rePrice.test(formData["price"])){
        validate=false;
        errors.push("Price can have have max 5 digits and 2 decimal pl
aces (biggest number:99999.99)");
    }

    let reStock=/^(?!(0))\d{1,4}$/;
    if(!reStock.test(formData["stock"])){
        validate=false;
        errors.push("Stock needs to be beetween 1 and 9999");
    }

    let reImg=/^\w+.jpg$/;
    if(!reImg.test(formData["image"])){
        validate=false;
        errors.push("Image needs to be in jpg format");
    }

    if(validate==false){
```

```javascript
        errorsDiv(errors);
    }

    return validate;

}

function adminDeleteProduct(id){
    $.ajax({
        url: 'models/books/deleteBook.php',
        method: 'POST',
        data: {
            "id":id,
        },
        success: function(){
            adminGetBooks();
            alert("Product deleted successfuly");
        },
        error: function(greska, status, statusText){
            console.error('ERROR INSERT');
            console.log(greska);

        }
    });

}

function exportToExcel(){

    var data = new Array();
    $('#logData tr').each(function(row, tr){
        data[row]={
            0 : $(tr).find('td:eq(0)').text()
            , 1 :$(tr).find('td:eq(1)').text()
            , 2 : $(tr).find('td:eq(2)').text()
        }
```

```javascript
    });
    data.shift();
    data=JSON.stringify(data);


    $.ajax({
        url: 'models/log/export.php',
        method: 'POST',
        data: {
            "data":data,
        },
        success: function(){
            //window.location.href="https://phpraktikum.000webhostapp.
com//data/log.xls";
            console.log("Product exported successfuly");
        },
        error: function(greska, status, statusText){
            console.error('ERROR EXPORT');
            console.log(greska);


        }
    });
}
```