THE SIMPLE SHOP **Technical presentation**

resentation

- General information about the website
- Sign in and log out mechanism
- Brief information about Filter
- Shopping cart and checkout process
- Further development















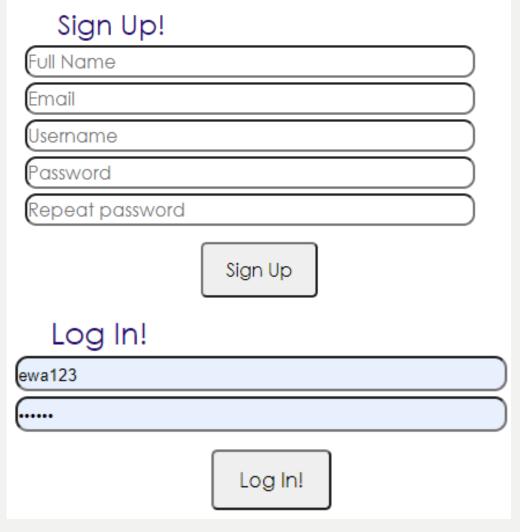
Database







Sign in and log out mechanism



includes\dbh.inc.php - connection to the
database

includes\functions.inc.php – the backend file of signup and login form with requirements for filling out etc.

signup.php – signup site, the visible part login.php - login site, the visible part includes\login.inc.php - connects dbh.inc.php, functions.inc.php, and login.php, triggered by clicking "login!" button, spits out error messages in HTTP header includes\logout inc.php – logging out function

includes\logout.inc.php - logging out function,
destroying the session

includes\signup.inc.php - the same as
login.inc.php only for signup

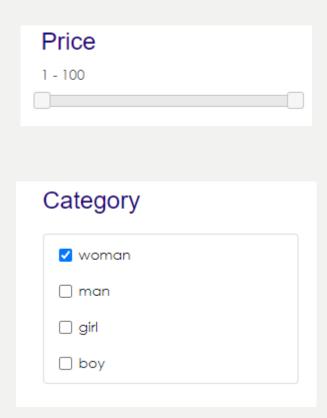
Examples of login/sign up constraints includes\functions.inc.php file

```
function emptyInputSignup($name, $email, $username, $pwd, $pwdRepeat) {
   $result;
   if (empty($name) || empty($email) || empty($username) || empty($pwd) || empty($pwdRepeat)){
   $result = true;
else {
$result = false;
 return $result;
function invalidUid($username) {
   $result;
   if (!preg_match("/^[a-zA-Z0-9]*$/", $username)) {
   $result = true;
else {
$result = false;
 return $result;
function invalidEmail($email) {
   $result;
   if (!filter_var($email, FILTER_VALIDATE_EMAIL)){
    $result = true;
```

Database for users

usersId	usersName	usersEmail	usersUid	usersPwd
1	ewa	ewa@gmail.com	ewa123	\$2y\$10\$vUYT28RrZI1kxEQqJc6pFKm9zpFxC6HFKJa.X0/F/CxYmQHsXJe
2	ala ali	alaali@gmail.com	alaala	\$2y\$10\$O1dyFf2ZX2Ludi05idqhtuBBMAoGLfZt.uXOYRMi6uyz.CVa9BQxe
3	asdf	asdf@gmail.com	asdf	\$2y\$10\$mxr.3Jk8Yn4i8QowttfgAOI/7PCRVC5PEtneYFXmF/9/uBIPCuXU2
4	Rayan Willams	raywilliams@gmail.com	rayray67	\$2y\$10\$UtQFxfweVHpFImcQRzjTqO3xS0hOcykqDxBMhyGI002qCyIz0pzxW
5	Daniel Nellson	catcat@gmail.com	catcat66	\$2y\$10\$I0NxSLkVga1NGyKG2bAEPutlPYrwK2009BmcMpgwd4YvhQcjeNudi
6	Mary Lou	marylou@gmail.com	marylou89	\$2y\$10\$QB7nGa8G/ERXmxupeida2uR3CQ0gV7vLT9VQVle7yGzo.u6lHomIC
7	Adam Kowalski	AdamK@gmail.com	AdamK97	\$2y\$10\$ZxrDgLQcb285Lgusji7LLOQqoOrcBBKgtmyx1umhYGyaZ521JSvce

Filtering of products





Color				
white				
□ violet				
orange				
khanki				
grey				
green				
cream				
brown				
☐ blue				
□ black				

Database for products

item id	item gender	item_type	item name	item color	item price	item_actual_price	item image	item_image2	item_image3	item_image4	item_quantity	item_status 4 1 0-active,1- inactive
1	woman	top	Cream jersey body	cream	15.99	NULL NULL	/images/1/4.jpg	/images/2/4.jpg	./images/3/4.jpg	./images/4/4.jpg	100	1
3	woman	jeans	Blue boyfriend jeans	blue	49.99	NULL	./images/1/8.jpg	/images/2/8.jpg	/images/3/8.jpg	/images/4/8.jpg	100	1
5	man	blouse	Orange hoodie	orange	29.99	NULL	./images/1/3.jpg	./images/2/3.jpg	./images/3/3.jpg	./images/4/3.jpg	100	1
6	man	blouse	Brown turtleneck	brown	59.99	NULL	/images/1/7.jpg	./images/2/7.jpg	./images/3/7.jpg	./images/4/7.jpg	100	1
7	boy	blouse	Blue shirt	blue	19.99	NULL	./images/1/1.jpg	./images/2/1.jpg	./images/3/1.jpg	./images/4/1.jpg	100	1
8	girl	top	Violet unicorn T-shirt	violet	9.99	NULL	./images/1/2.jpg	./images/2/2.jpg	./images/3/2.jpg	./images/4/2.jpg	100	1
9	girl	jeans	Grey jeans	grey	35.99	NULL	./images/1/6.jpg	./images/2/6.jpg	./images/3/6.jpg	./images/4/6.jpg	100	1
10	boy	pants	Khaki pants with neon green stripe	khanki	14.99	50.59	./images/1/5.jpg	./images/2/5.jpg	./images/3/5.jpg	/images/4/5.jpg	10	1

Example of fetching checkbox values

```
$query = "SELECT DISTINCT(item_gender) FROM product WHERE item_status = '1' ORDER BY item_gender DESC";
   $statement = $connect->prepare($query);
   $statement->execute();
   $result = $statement->fetchAll();
   foreach($result as $row)
   ?>
   <div class="list-group-item checkbox">
        <label><input type="checkbox" class="common_selector gender" value="<?php echo $row['item_gender']; ?>" > <?php echo $row['item_gender']</pre>
   </div>
   <?php
   ?>
   </div>
</div>
 $(function(){
 $('.gender').each(function(e){
 if($(this).val() == 'girl'){
 $(this).attr("checked", "checked");
 });
 });
</script>
```

Application of AJAX

```
<script>
$(document).ready(function(){
    filter_data();
    function filter_data()
        $('.filter_data').html('<div id="loading" style="" ></div>');
        var action = 'fetch_data';
        var minimum_price = $('#hidden_minimum_price').val();
        var maximum_price = $('#hidden_maximum_price').val();
        var gender = get_filter('gender');
        var type = get_filter('type');
        var color = get_filter('color');
        $.ajax({
            url:"fetch_data.php",
            method:"POST",
            data: {action:action, minimum_price:minimum_price, maximum_price:maximum_price, gender:gender,
            success: function(data){
                $('.filter_data').html(data);
```

Examples of filtering constraints

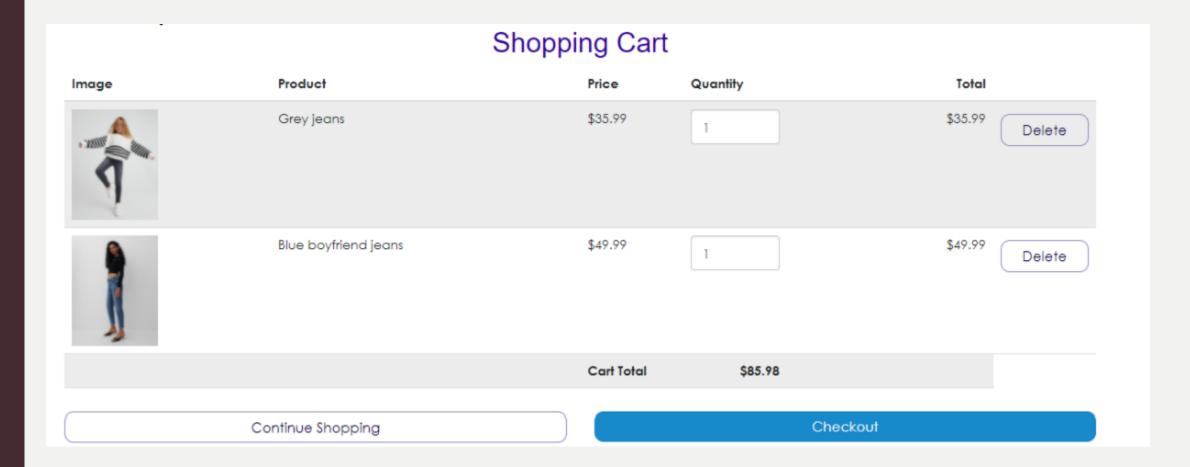
```
f(isset($_POST["action"]))
$query = "
SELECT * FROM product WHERE item_status = '1' ";
if(isset($_POST["minimum_price"], $_POST["maximum_price"]) && !empty($_POST["minimum_price"]) && !empty($_POST["maximum_price"]))
$query .= "
 AND item_price BETWEEN '".$_POST["minimum_price"]."' AND '".$_POST["maximum_price"]."'
if(isset($_POST["gender"]))
$gender_filter = implode("','", $_POST["gender"]);
$query .= "
 AND item_gender IN('".$gender_filter."')
```

JavaScript code for image carousel

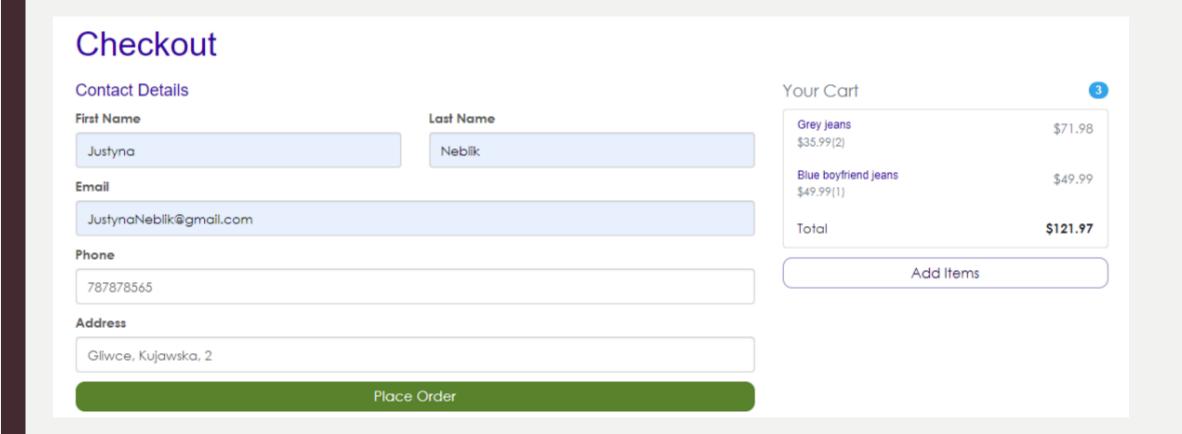


```
const productImages = document.querySelectorAll(".product-images img");
const productImageSlide=document.querySelector(".image-slider");
let activeImageSlide = 0;
productImages.forEach((item, i) => {
    item.addEventListener('click', () => {
        productImages[activeImageSlide].classList.remove('active');
        item.classList.add('active');
        productImageSlide.style.backgroundImage='url('${item.src}')';
       activeImageSlide=i;
   })
```

Shopping cart and checkout process



```
Insert items into the cart and save it to the session
public function insert($item = array()){
   if(!is_array($item) OR count($item) === 0){
       return FALSE;
    }else{
       if(!isset($item['id'], $item['name'], $item['price'], $item['qty'])){
           return FALSE;
       }else{
           $item['qty'] = (float) $item['qty'];
           if($item['qty'] == 0){
               return FALSE;
           $item['price'] = (float) $item['price'];
           $rowid = md5($item['id']);
           $old_qty = isset($this->cart_contents[$rowid]['qty']) ? (int) $this->cart_contents[$rowid]['qty'] : 0;
           $item['rowid'] = $rowid;
           $item['qty'] += $old_qty;
           $this->cart_contents[$rowid] = $item;
           if($this->save_cart()){
               return isset($rowid) ? $rowid : TRUE;
           }else{
               return FALSE;
```



Database for customers

id	first_name	last_name	email	phone	address	created	modified	status 1=Active 0=Inactive
16	Donna	Waterford	Donna456@gmail.com	785757575	jasmin 5, Houston	2022-01-05 23:57:19	2022-01-05 23:57:19	1
17	Andrew	Hopkins	world55@gmail.com	456789456789	greenville 7, Glasgow	2022-01-06 20:22:44	2022-01-06 20:22:44	1
18	Kelly	Rabbit	blackjack678@gmail.com	756454545	blue ally 7, Berlin	2022-01-06 20:25:46	2022-01-06 20:25:46	1
19	Daniell	Huston	Danielred@gmail.com	789123123	Huston, Rose ally 5	2022-01-08 23:19:50	2022-01-08 23:19:50	1

Database for orders

id	customer_id	grand_total	created	status
16	16	49.99	2022-01-05 23:57:19	Pending
17	17	135.98	2022-01-06 20:22:44	Pending
18	18	49.99	2022-01-06 20:25:46	Pending
19	19	149.98	2022-01-08 23:19:50	Pending

Database for order details

id	order_id	item_id	quantity
20	16	3	1
21	17	3	1
22	17	16	1
23	17	1	1
24	18	3	1
25	19	7	1
26	19	6	1
27	19	16	1

ORDER STATUS

Your order has been placed successfully.

Order Info

Reference ID: #21

Total: \$121.97

Placed On: 2022-01-14 22:39:32

Buyer Name: Justyna Neblik

Email: JustynaNeblik@gmail.com

Phone: 787878565

Product	Price	QTY	Sub Total
Grey jeans	\$35.99	2	\$71.98
Blue boyfriend jeans	\$49.99	1	\$49.99

Further development



Thank you for your attention!

Authors:
Justyna Neblik
Wojciech Obrzut