



Electronics Online Store

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Mod2 - PHP



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I. Introduction & Objectives

Electronics Online Store

- Manage account (Log in/Sign in)
- Shoppcart
- Make orders
- Checkout system (invoices, shipping confirmation)
- Administrator panel (manage data)

Website using PHP/HTML/CSS and linked with database



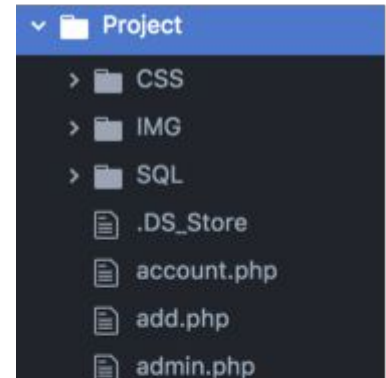
II. Tools & code

projectBDD shoppCart	projectBDD product	projectBDD User
product : varchar(50)	name : varchar(50)	idUser : int(1)
# idUser : int(11)	# stock : int(11)	# mail : varchar(50)
# nbItem : int(11)	# img : varchar(20)	# password : varchar(20)
# idSc : int(11)	# price : float	
# finish : int(11)	# descr : text	
	# category : varchar(20)	
	# idProduct : int(1)	

- Database creation/management with phpMyAdmin

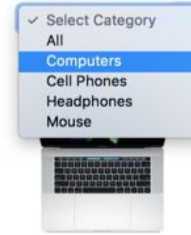
The screenshot shows the phpMyAdmin interface for a database named 'projectBDD'. The 'product' table is selected, and its structure is displayed. The table has the following columns: name, stock, img, price, descr, category, and idProduct. The data is shown in a table with 7 rows. The interface includes a sidebar with a tree view of the database structure, a top menu with options like 'Parcourir', 'Structure', 'SQL', 'Rechercher', 'Insérer', 'Exporter', 'Importer', 'Privileges', 'Opérations', 'Suivi', and 'Déclencheurs', and a bottom section for 'Opérations sur les résultats de la requête'.

	name	stock	img	price	descr	category	idProduct
<input type="checkbox"/>	Apple 15" MacBook Pro Retina Touch Bar	90	ambp	1049.99	MacBook Pro elevates the notebook to a whole new L...	Computers	1
<input type="checkbox"/>	Apple iPhone X 5.8", 64 GB - Silver	70	ix	1671.79	5.8 inch Super Retina screen with all-screen OLED ...	Cell Phones	2
<input type="checkbox"/>	ASUS ROG Zephyrus GX501VI-XS74 15.6"	98	arz	3390.96	Ultra-thin and ultra-light with a thickness of onl...	Computers	3
<input type="checkbox"/>	Beats by Dr. Dre Studio 3 Wireless	97	b3w	399.95	Features the iconic Beats sound with Dual-Mode Ada...	Headphones	4
<input type="checkbox"/>	Samsung Galaxy S8 64GB	98	sgS8	799.95	Infinity Display: a bezel-less, full-frontal, edge...	Cell Phones	7
<input type="checkbox"/>	Sennheiser HD 4.50 BTNC WIRELESS	99	shd	229.95	Bluetooth 4.0 and aptX technologies to deliver exc...	Headphones	8
<input type="checkbox"/>	Logitech Mouse	100	mx	50	Mouse	Mouse	28



II. Tools & code

- Database-driven content



Name

Apple 15" MacBook Pro Retina Touch Bar

- SQL request

```
$ctg = $bdd->query('SELECT DISTINCT(category) FROM product');
```

```
$form = "<FORM method=\"POST\">
```

```
  <SELECT name=\"btn\" onchange=\"this.form.submit()\">
```

```
    <OPTION disabled selected value>Select Category</OPTION>
```

```
    <OPTION value=\"All\">All</OPTION>";
```

- Retrieve result

```
while ($data = $ctg->fetch()){
```

- Display result

```
  $form .= "<OPTION value=\"\">".$data['category']. "\">".$data['category']. "</option>";
```

```
}
```

```
$form .= "</SELECT></form>";
```

Product

Apple 15" MacBook Pro Retina Touch Bar

Stock

90

Update

Delete

Delete

II. Tools & code



- Retrieve data from form with POST method

Login form

Retrieve data

Setup session
mail/password

```
<label>Email:</label>
<input type="email" name="mail" placeholder="Enter email"><br>
<label>Password:</label>
<input type="password" name="password" placeholder="Enter password"><br><br>
<button type="submit" class="btn btn-default">Submit</button>
</form><br>
```

```
$_SESSION['mail'] = $_POST['mail'];
$_SESSION['password'] = $_POST['password'];
```

II. Tools & code

- Rendering with Bootstrap (form, navbar, array,..) and HTML/CSS

Log in

Email:

Password:

[Home](#)

[Shopping Cart](#)

[Account](#)

[✓ a@a.fr](#)

[Deconnection](#)

Product

Apple 15" MacBook Pro Retina Touch Bar

Beats by Dr. Dre Studio 3 Wireless

Total orders: 1449.94 \$CAN



III. Demonstration



IV. Possible improvements



- Improve user experience (Responsive design, aesthetic, ..)
- Improve security (confirmation mail, ..)
- Personalized suggestions
- Improve/add features (More products, reviews, ..)

V. Questions

