

ELECTRON STORE

CPII 405

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CONTENT

- Introduction
- Database
- Task Distribution
- Conclusion

INTRODUCTION

Our project's idea is about an online store that sells variety of electronics. The store provides three categories of electronics, audio visuals, monitors and laptops.

Languages Used:

- HTML
- CSS
- JavaScript
- PHP

Database:

- MySQL

DATABASE

Table User

phpMyAdmin

Server: localhost » Database: electronstore » Table: users

Browse Structure SQL Search Insert Export Import Privileges

Showing rows 0 - 4 (5 total, Query took 0.0005 seconds.)

SELECT * FROM `users`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Re

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Extra options

<input type="checkbox"/>	Edit	Copy	Delete	11	Salim	Mohammed	0555321648	sm12@gmail.com	Sm123456
<input type="checkbox"/>	Edit	Copy	Delete	12	Fatimah	Ahmed	0555324568	fa456@gmail.com	Fa@123456
<input type="checkbox"/>	Edit	Copy	Delete	13	Mohammed	Saleh	0523245569	ms414@gmail.com	Ms@1234561
<input type="checkbox"/>	Edit	Copy	Delete	14	Norah	Salim	0532164988	noras12@gmail.com	Ns12@545
<input type="checkbox"/>	Edit	Copy	Delete	15	Sarah	Almeshaal	0563256985	Salmeshaal@gmail.com	Sa@123456

Check all With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

DATABASE

Structure of Table Users

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	id 	int			No	None		AUTO_INCREMENT	 Change  Drop More
<input type="checkbox"/>	2	fname	varchar(30)	utf8mb4_general_ci		No	None			 Change  Drop More
<input type="checkbox"/>	3	lname	varchar(30)	utf8mb4_general_ci		No	None			 Change  Drop More
<input type="checkbox"/>	4	phone_num	varchar(40)	utf8mb4_general_ci		No	None			 Change  Drop More
<input type="checkbox"/>	5	email	varchar(100)	utf8mb4_general_ci		No	None			 Change  Drop More
<input type="checkbox"/>	6	pwd	varchar(255)	utf8mb4_general_ci		No	None			 Change  Drop More

TASK DISTRIBUTION

[THURAYA]

LOGIN



Electron Store

Home

Audio Visuals

Laptops

Monitors



Welcome to Electron Store



Login to your account

Email

Password

LOGIN

Don't have an account? [Sign up](#)

[Contact Us](#)

[About Us](#)

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CREATE ACCOUNT

 Electron Store

Home Audio Visuals Laptops Monitors  

Welcome to Electron Store



Create Account

First Name

Last Name

Email

Phone No.

Password

Confirm Password

SIGN UP

[Clear Form](#)

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ONE KEY UP VS ONE KEY DOWN

Electron Store

Home Audio Visuals Laptops Monitors

Cart User

Welcome to Electron Store



Login to your account

ex: name@gmail.com

Email

Password

LOGIN

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ONE KEY UP VS ONE KEY DOWN



```
1 <input type="text" onkeydown="color('yellow')" onkeyup="color('white')" name="myInput" id="emailID"
2           placeholder="Email" />
```

RETRIEVE DATA

```
 1  <?php
 2  if (!empty($_POST)) {
 3      $servername = "localhost";
 4      $username = "root";
 5      $password = "mysql";
 6      $dbname = "electronstore";
 7
 8      // Create connection
 9      $conn = new mysqli($servername, $username, $password, $dbname);
10      if ($conn->connect_error) {
11          die("Connection failed: " . $conn->connect_error);
12      }
13      // Retrieve data from users table
14      $email = $_REQUEST["myInput"];
15      $password = $_REQUEST["passwordName"];
16
17      $sql = "SELECT * FROM users WHERE email = '$email' AND pwd = '$password'";
18      $result = $conn->query($sql);
19
20
21      if (mysqli_num_rows($result) > 0) {
22          // User found, redirect to a home page
23          header("Location: index.html");
24          exit;
25      } else {
26          // User not found, display an error message
27          echo "<script>alert(\"Email or password are incorrect\");</script>";
28      }
29      $conn->close();
30  }
31  ?>
```

[SARAH]

HOME PAGE

 Electron Store

Home Audio Visuals Laptops Monitors

 

SONY



Sony WH-1000XM4
On-Ear Headphones

SR 1.199

[Buy](#)

LG



LG 27 inch Full HD
IPS Panel type

SR 699

[Buy](#)

HUAWEI



HUAWEI MateBook D14

SR 2.499

[Buy](#)

New Arrival



APPLE MacBook Air, M2, 8GB, 256GB SSD, 13.6 inch, Midnight



Anker Soundcore Life 2 Neo Wireless Headphones



HP V22 FHD Flat Monitor 22 inch, Black

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CONTACT US



Contact Information

Fill up the form and our team will get back to you within 24 hours.



9200 00089



Electron-contact@Electron.com



Jeddah



Contact Us

General info

First Name

Last Name

Email

Phone Number

What is the reason for contacting us ?

Complain

Suggest

Other

Message

Write your message here...

Clear Form

Send

[Contact Us](#)

[About Us](#)

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CONFIRMATION

Electron Store

Monitors

OK Cancel

Contact Us

General info

First Name

Last Name

Email

Phone Number

What is the reason for contacting us ?

Complain Suggest Other

Message

Write your message here...

[Clear Form](#) [Send](#)

Contanct Information

Fill up the form and our team will get back to you within 24 hours.

9200 00089

Electron-contact@Electron.com

Jeddah

 

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CONFIRMATION CODE



```
1
2 <script>
3   var createAccForm = document.getElementById("createAccForm");
4   createAccForm.addEventListener("submit", function () { return confirm("Are you sure to proceed ? "), false });
5   createAccForm.addEventListener("reset", function () { return confirm("Are you sure to clear the form ? "), false });
6 </script>
```

FIELDS VALIDATIONS

 Electron Store

Home Audio Visuals Laptops Monitors  

Welcome to Electron Store



Create Account

First Name First name should contains only letters

Last Name Last name should contains only letters

Email Not a valid email

Phone No. Not a valid phone number

Password Not a valid password

Confirm Password Password are not matching

[SIGN UP](#)

[Clear Form](#)

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FIELDS VALIDATIONS CODE

```
 1  function checkData($conn, $email, $phoneNum, $password, $confPass, $fname, $lname)
 2  {
 3
 4      $error = 1;
 5      // Remove all illegal characters from email
 6      $email = filter_var($email, FILTER_SANITIZE_EMAIL);
 7
 8
 9      if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
10          $error = -1;
11          echo "<script>document.getElementById(\"emailError\").innerHTML = \"Not a valid email\";</script>";
12      }
13
14
15      if (!preg_match('/^+[0-9]{10}+$/', $phoneNum)) {
16          $error = -1;
17          echo "<script>document.getElementById(\"phoneError\").innerHTML = \"Not a valid phone number\";</script>";
18      }
19
20      if (!preg_match("/^[a-zA-Z-' ]*$/", $fname)) {
21          $error = -1;
22          echo "<script>document.getElementById(\"fnameError\").innerHTML = \"First name should contains only letters\";</script>";
23      }
24
25      if (!preg_match("/^[a-zA-Z-' ]*$/", $lname)) {
26          $error = -1;
27          echo "<script>document.getElementById(\"lnameError\").innerHTML = \"Last name should contains only letters\";</script>";
28      }
29
30      $password_regex = "/^(?=.*?[A-Z])(?=.*?[a-z])(?=.*?[0-9])(?=.*?[\#?\!@%^\&*-]).{8,}$/";
31
32      if (!preg_match($password_regex, $password)) {
33          $error = -1;
34          echo "<script>document.getElementById(\"passError\").innerHTML = \"Not a valid password\";</script>";
35      }
36
37      if ($confPass != $password) {
38          $error = -1;
39          echo "<script>document.getElementById(\"conPassError\").innerHTML = \"Password are not matching\";</script>";
40      }
41
42      if ($error == 1) {
43          insertData($conn, $email, $phoneNum, $password, $fname, $lname);
44      }
45  }
```

[FATIMAH]

PRODUCT PAGE



Electron Store

Home

Audio Visuals

Laptops

Monitors





Lenovo
Lenovo Y27h-30 27" Gaming Monitor

[Watch Lenovo's Overview](#)

SR 1.649

1 ▾

Add to Cart

Specifications

- Gaming Monitor
- Built-in Dual Speaker (2 X 3W)
- NVIDIA G-SYNC Compatible
- Anti-Glare

Returns & Exchange Policy

1. To benefit from Return, Exchange and Warranty services, original invoice is required.
2. Item is in original packing condition.
3. Return is within 3 days and exchange is within 7 days

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ABOUT US PAGE

The screenshot shows a dark-themed e-commerce website. At the top is a navigation bar with the logo 'Electron Store' featuring a stylized atom icon, followed by menu items 'Home', 'Audio Visuals', 'Laptops', and 'Monitors'. To the right are icons for a shopping cart and user account. Below the navigation is a grid of four large, dark, abstract shapes resembling stylized human figures or geometric forms. In the center, a white callout box contains the heading 'About Us' and a paragraph about the project's development. At the bottom, there are sections for 'Authors' and 'Email' with corresponding lists of names and emails.

About Us

This project was developed as part of the CPIT-405 course, where we practiced HTML, CSS, and JavaScript.

Authors <ul style="list-style-type: none">• Sarah Almeshaal• Fatimah Alyami• Thuraya Alfaumi	Email <ul style="list-style-type: none">• salmeshal0001@stu.kau.edu.sa• falyami0036@stu.kau.edu.sa• talfahmi0006@stu.kau.edu.sa
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AUDIO VISULAS

 Electron Store

Home Audio Visuals Laptops Monitors  



Apple AirPods Max Over-Ear Headphones
SR 2.649



JBL Tune 510BT On-Ear Headphones
SR 249



JBL Jr 460NC On-Ear Headphones
SR 349



Sony WH-1000XM5 Mark 5 Over-Ear Headphones
SR 1.599



Sony WH-CH510 Wireless On-Ear
SR 149



Sony WH-1000XM4 On-Ear Headphones
SR 1.199

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LAPTOPS

 Electron Store

Home Audio Visuals Laptops Monitors  



Asus VivoBook 15X OLED Laptop
SR 3.999



Asus ZenBook 14 OLED Laptop
SR 3.599



HP Notebook 15s Laptop
SR 2.349



Lenovo IdeaPad 5 Laptop
SR 2.599



Microsoft Surface Laptop 4 Laptop
SR 3.699



Microsoft Surface Laptop Studio Laptop
SR 7.999

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MONITORS

 Electron Store

Home Audio Visuals Laptops Monitors  



MSI Optix G2712 27" Gaming Monitor
SR 1.149



Samsung Odyssey G7 27" Gaming Monitor
SR 2.499



Lenovo Y27h-30 27" Gaming Monitor
SR 1.649



BenQ MOBIUZ EX2710Q 27" Gaming Monitor
SR 1.719



LG UltraGear 24" Gaming Monitor
SR 749



Acer Nitro VG271S 27" Gaming Monitor
SR 999

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FOCUS & BLUR EVENTS

Electron Store

Home Audio Visuals Laptops Monitors

Cart User

Welcome to Electron Store



Login to your account

ex: name@gmail.com

Email

Password

LOGIN

Don't have an account? [Sign up](#)

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FOCUS & BLUR EVENTS

Electron Store

Home Audio Visuals Laptops Monitors

Cart User icon

Welcome to Electron Store



Login to your account

Email
ex: Rr@253142

Password

LOGIN

Don't have an account? [Sign up](#)

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FOCUS & BLUR EVENTS

```
 1 // Focus & Blus Events on Login Form
 2 var emailField;
 3 var passField;
 4 var usernameHintTxt;
 5 var passHintTxt;
 6 var createAccForm;
 7
 8 function init() {
 9     emailField = document.getElementById("emailID");
10     passField = document.getElementById("passwordID");
11     emailHintTxt = document.getElementById("emailHintTxt");
12     passHintTxt = document.getElementById("passHintText");
13     focusedEmailElement(emailField, emailHintTxt);
14     blurredElement(emailField, emailHintTxt);
15     focusedPassElement(passField, passHintTxt);
16     blurredElement(passField, passHintTxt);
17 }
18 function focusedEmailElement(inputField, txtField) {
19     inputField.addEventListener(
20         "focus",
21         function () {
22             txtField.innerHTML = "ex: name@gmail.com";
23         },
24         false
25     );
26 }
```

```
 1 function focusedPassElement(inputField, txtField) {
 2     inputField.addEventListener(
 3         "focus",
 4         function () {
 5             txtField.innerHTML = "ex: Rr@253142";
 6         },
 7         false
 8     );
 9 }
10 function blurredElement(obj, txtField) {
11     obj.addEventListener(
12         "blur",
13         function () {
14             txtField.innerHTML = "";
15         },
16         false
17     );
18 }
19
20 window.addEventListener("load", init, false);
```

INSERT INTO DB

```
● ● ●

1  function insertData($conn, $email, $phoneNum, $password, $fname, $lname)
2  {
3      //Insert data into users table
4      $sql = "INSERT INTO users (fname, lname, phone_num, email, pwd)
5          VALUES ('$fname', '$lname', '$phoneNum', '$email', '$password')";
6
7      if ($conn->query($sql) === TRUE) {
8          header("Location: login.php");
9          exit;
10     } else {
11         echo "Error: " . $sql . "<br>" . $conn->error;
12     }
13     $conn->close();
14 }
```

CONCLUSION

This project gave us the opportunity to discover and practice the basics of web development. We worked together as a team to implement Electron Store website using HTML, CSS, JavaScript, and PHP.

THANK YOU!

ANY QUESTIONS?