3.2 Description

📄 navbar.php ✕

p › view › components › 📄 navbar.php › ⬦ nav.navbar.navbar-expand-lg.navbar-dark.my-0.py-0.mx-0.px-0.justify-content-center › ⬦ div

```php
28              </li>
29
30          <li class="nav-item mx-4">
31              <form class="form-inline my-lg-0" style="position: relative">
32                  <div class="w-searching mx-0 my-0">
33                      <input   class="form-control mx-0 px-2 py-1" type="search"
34                              placeholder="Search"
35                              aria-label="Search"
36                              onkeyup="showHint(this.value)"
37                              id="idSearchAjax">
38                      <ul id="w-ajax-searching" class="px-0"></ul>
39                  </div>
40              </form>
41          </li>
42
```

First, input tag will get value from user whenever user enter letter, and send them to javascript function showHint() with value from user. If letter from user is suitable with products in database, the function showHint() will add 'li tag' into 'ul tag' at line 38 to drop down the list products.

```javascript
1   "use strict"
2
3   // let idSearchAjax = document.getElementById('idSearchAjax')
4   // idSearchAjax.onblur = function () {
5   //      let ul = document.getElementById('w-ajax-searching')
6   //      ul.innerHTML = ''
7   // }
8
9   function showHint(str) {
10      if (str.length ≠ 0) {
11          let xmlhttp = new XMLHttpRequest();
12          xmlhttp.onreadystatechange = function () {
13              if (this.readyState == 4 && this.status == 200) {
14                  let ul = document.getElementById('w-ajax-searching')
15                  ul.innerHTML = ''
16
17                  let items = this.responseText.split(',')
18                  items.forEach(function (item) {
19                      if (item ≠ "") {
20                          ul.innerHTML += `
21                              <li class="px-2 mx-1 py-1" style="border-bottom:1px solid #ccc">
22                                  <a style="color: #666666;" href="http://localhost:8888/Lab/Lab-3.1/index.php?page=detail">${item}</a>
23                              </li>
24                          `
25                      }
26                  })
27              }
28          }
29          xmlhttp.open("GET", "gethint.php?q=" + str, true);
30          xmlhttp.send();
31      } else {
32          let ul = document.getElementById('w-ajax-searching')
33          ul.innerHTML = ''
34      }
35  }
```

Then, check if the input field is empty or not. If empty, clear the content of the 'ul tag' and exit the function. If not empty, do the following:
- Create an XMLHttpRequest object

- Create the function to be executed when the server response is ready
- Send the request off to a PHP file (gethint.php) on the server
- Get response the list of products, render each products as 'li tag and we have drop down list.

```php
gethint.php  ×

php gethint.php > ...
1    <?php
2    require_once './config/db.php';
3    $q = $_REQUEST["q"];
4
5    $hint = "";
6    $sql = $conn→query("SELECT * FROM product p WHERE p.name LIKE '$q%'");
7
8    while ($row = $sql→fetch_assoc()) {
9        $hint .= "," . $row['name'];
10   }
11
12   echo $hint;
13   ?>
14
```

The PHP file query to database to find any products starting with input from user and returns the corresponding list products to the browser which is separated by comma (,)