

## LAB 4: KẾT NỐI CSDL VỚI PHP

### NỘI DUNG

Sinh viên chọn 1 trong 2 bài sau:

**Bài 1: Tạo cơ sở dữ liệu, các table liên quan đến cơ sở dữ liệu và nhập dữ liệu cho các table.**

- a) Tạo cơ sở dữ liệu, table: sinh viên có thể dùng 1 trong 2 cách
  - Trực tiếp trên ứng dụng PHPMysqlAdmin
  - Sử dụng Code PHP (tạo kết nối > thực hiện truy vấn)
- b) Nhập dữ liệu vào các table trực tiếp trên ứng dụng PHPMysqlAdmin

**Bài 2: Hiển thị các sản phẩm từ cơ sở dữ liệu ( select )**

Ví dụ (gợi ý):

- Danh sách sản phẩm

```
$result = mysqli_query($conn,"SELECT * FROM products");
if($result){
while($row=mysqli_fetch_array($result)){
    $prodID = $row["ID"];
    echo '<ul class="col-sm-4">';
    echo '<div class="product-image-wrapper">
        <div class="single-products">
            <div class="productinfo text-center">
                <a href="product-details.php?prodid='.$prodID.'" rel="bookmark" title="'.$row['Product'].'">
                    </a>
                </a>

                <h2><a href="product-details.php?prodid='.$prodID.'" rel="bookmark" title="'.$row['Product'].'">'.$row['Product'].'</a></h2>
                <h2>'.$row['Price'].'</h2>
                <p>Category: '.$row['Category'].'</p>

                <a href="product-details.php?prodid='.$prodID.'" class="btn btn-default add-to-cart"><i class="fa fa-shopping-cart"></i>View Details</a>
            </div>
        </div>
    </ul>';
}
```

## • Danh mục sản phẩm

```
<?php
$q = "SELECT * from category order by title asc";
$result = mysqli_query($conn,$q);
?>
<section>
    <div class="container">
        <div class="row">
            <?php include('include/admin/sidebar.php'); ?>
            <div class="col-sm-9 padding-right">
                <div class="features_items"><!--features_items-->
                    <h2 class="title text-center">Category</h2>
                    <table class="table table-bordered">
                        <thead class="bg-primary">
                            <th>Name</th>
                            <th colspan="2">Action</th>
                        </thead>
                        <tbody>
                            <?php while($row = mysqli_fetch_array($result)):?>
                                <tr>
                                    <td><?php echo $row['title'];?></td>
                                    <td><a href="editcategory.php?p=edit&&id=<?php echo $row['id']; ?>">
                                        <i class="fa fa-edit fa-lg text-success"></i><small>Edit</small></a></td>
                                    <td><a href="admincategory.php?p=delete&&table=category&&id=<?php echo $row['id']; ?>" class="confirm">
                                        <i class="fa fa-times-circle fa-lg text-danger"></i> <small>Remove</small></a></td>
                                </tr>
                            <?php endwhile; ?>
                        </tbody>
                    </table>
                </div>
            </div>
        </div>
    </div>
</section>
```

## A) SHOPING CART

Frontend/product.php

**ALL PRODUCTS**



**Product 101**

**300.5**

Category: Hard Disk

[View Details](#)



**wer**

**3400**

Category: Keyboard

[View Details](#)



**Product 202**

**100**

Category: Laptops

[View Details](#)

Backend/category.php

| Name         | Action               |                        |
|--------------|----------------------|------------------------|
| CCTV         | <a href="#">Edit</a> | <a href="#">Remove</a> |
| Computer Set | <a href="#">Edit</a> | <a href="#">Remove</a> |
| Hard Disk    | <a href="#">Edit</a> | <a href="#">Remove</a> |
| Keyboard     | <a href="#">Edit</a> | <a href="#">Remove</a> |
| Laptops      | <a href="#">Edit</a> | <a href="#">Remove</a> |
| Memory       | <a href="#">Edit</a> | <a href="#">Remove</a> |
| Mouse        | <a href="#">Edit</a> | <a href="#">Remove</a> |

## B) QUIZ TEST PROJECT

*Backend/examinee.php*

### EXAMINEE LIST

| Fullname      | Gender | Birthdate  | Course        | Year level  | Email                    | Password | status |                        |
|---------------|--------|------------|---------------|-------------|--------------------------|----------|--------|------------------------|
| Dave Limasac  | female | 2019-12-21 | BACKEND - WEB | second year | dave@gmail.com           | dave     | active | <a href="#">Update</a> |
| Maria Duerme  | female | 2018-11-25 | BACKEND - WEB | second year | maria@gmail.com          | maria    | active | <a href="#">Update</a> |
| Glenn Duerme  | female | 2019-12-24 | BACKEND - WEB | third year  | glenn@gmail.com          | glenn    | active | <a href="#">Update</a> |
| Jane Rivera   | female | 2019-11-14 | PHP & MYSQL   | second year | jane@gmail.com           | jane     | active | <a href="#">Update</a> |
| Rogz Nunezsss | male   | 2019-11-15 | BACKEND - WEB | third year  | rogz.nunez2013@gmail.com | rogz     | active | <a href="#">Update</a> |

## *Backend/course.php*


### COURSE LIST

| Course Name    | Status  |
|----------------|---|
| FRONTEND - WEB | <a href="#">Update</a> <a href="#">Delete</a> |
| BACKEND - WEB  | <a href="#">Update</a> <a href="#">Delete</a> |
| PHP & MYSQL    | <a href="#">Update</a> <a href="#">Delete</a> |

## *Frontend/exam.php*

Another Exam

Mabilisang Exam

Remaining Time : 00:00 

- In what year was the "@" chosen for its use in e-mail addresses?
 

☐ 1976
 ☐ 1980
 ☐ 1972
 ☐ 1984
- What are three types of lasers?
 

☐ Gas, metal vapor, rock
 ☐ Diode, inverted, pointer
 ☐ Pointer, diode, CD
 ☐ Gas, solid state, diode
- .INI extension refers usually to what kind of file?
 

☐ Image file
 ☐ Hypertext related file
 ☐ System file
 ☐ Image Color Matching Profile file
- What do we call a collection of two or more computers that are located within a limited distance of each other and that are connected to each other directly or indirectly?
 

☐ Inernet
 ☐ Local Area Network
 ☐ Interanet
 ☐ Wide Area Network
- After the first photons of light are produced, which process is responsible for amplification of the light?
 

☐ Blackbody radiation
 ☐ Plancks radiation
 ☐ Stimulated emission
 ☐ Einstein oscillation

[Reset](#)
[Submit](#)

## Bài 3: Cho thêm (SV TỰ LÀM THÊM)

Gợi ý:

A) SHOPING

Backend: hiển thị danh sách các sản phẩm có phân trang.

B) QUIZ TEST

Backend: hiển thị danh sách các câu hỏi quiz có phân trang.

## Ví dụ phân trang

### Demo Create Simple Pagination

| ID | Name   | Age | Department             |
|----|--------|-----|------------------------|
| 1  | Ahsan  | 22  | Information Technology |
| 2  | Ali    | 25  | Human Resource         |
| 3  | Kashif | 30  | Information Technology |

Page 1 of 12

Previous 1 2 3 4 5 6 7 ... 11 12 Next Last »

```
--
-- Table structure for table `pagination_table`
--

CREATE TABLE IF NOT EXISTS `pagination_table` (
  `id` int(10) NOT NULL AUTO_INCREMENT,
  `name` varchar(250) NOT NULL,
  `age` int(10) NOT NULL,
  `dept` varchar(250) NOT NULL,
  PRIMARY KEY (`id`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO_INCREMENT=37 ;
```

### Demo Create Simple Pagination Using PHP and MySQLi

```
<table class="table table-striped table-bordered">
```

```
<thead>
```

```
<tr>
```

```
<th style='width:50px;'>ID</th>
```

```
<th style='width:150px;'>Name</th>
```

```
<th style='width:50px;'>Age</th>
```

```
<th style='width:150px;'>Department</th>
```

```
</tr>
```

```
</thead>
```

```
<tbody>
```

```
<?php
```

```
include('db.php');
```

```
if (isset($_GET['page_no']) && $_GET['page_no']!="") {
```

```
    $page_no = $_GET['page_no'];
```

```
} else {
```

```
    $page_no = 1;
```

```
}
```

```
$total_records_per_page = 3;
```

```
$offset = ($page_no-1) * $total_records_per_page;
```

```
$previous_page = $page_no - 1;
```

```
$next_page = $page_no + 1;
```

```
$adjacents = "2";
```

```
$result_count = mysqli_query($con,"SELECT COUNT(*) As total_records FROM `pagination_table`");
```

```
$total_records = mysqli_fetch_array($result_count);
```

```
$total_records = $total_records['total_records'];
```

```
$total_no_of_pages = ceil($total_records / $total_records_per_page);
```

```
$second_last = $total_no_of_pages - 1; // total page minus 1
```

```
$result = mysqli_query($con,"SELECT * FROM `pagination_table` LIMIT $offset, $total_records_per_page");
```

```
while($row = mysqli_fetch_array($result)){
```

```
    echo "<tr>
```

```
        <td>". $row['id'] . "</td>
```

```
        <td>". $row['name'] . "</td>
```

```
        <td>". $row['age'] . "</td>
```

```
        <td>". $row['dept'] . "</td>
```

```
    </tr>";
```

```
}
```

```
mysqli_close($con);
```

```
<?php
```

```
</tbody>
```

```
</table>
```

