```php
<?php
    $db = mysqli_connect("localhost", "root", "", "image_upload");

    $msg = "";

    if (isset($_POST['upload'])) {

    $image = $_FILES['image']['name'];

    $image_text = mysqli_real_escape_string($db, $_POST['image_text']);

    $target = "images/".basename($image);

    $sql = "INSERT INTO images (image, image_text) VALUES ('$image',
'$image_text')";

    mysqli_query($db, $sql);

    if (move_uploaded_file($_FILES['image']['tmp_name'], $target)) {
        $msg = "Image uploaded successfully";
    }else{
        $msg = "Failed to upload image";
    }
}
  $result = mysqli_query($db, "SELECT * FROM images");
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="css/style.css" type="text/css">

    <title>Image Upload</title>


</head>
<body>
    <div id="content">
        <?php
    while ($row = mysqli_fetch_array($result)) {
        echo "<div id='img_div'>";
        echo "<img src='images/".$row['image']."' >";
```

```php
        echo "<p>".$row['image_text']."</p>";
        echo "</div>";
    }

    ?>

    <form method="POST" action="index.php" enctype="multipart/form-data">
        <input type="hidden" name="size" value="1000000">
        <div>
            <label>Select Your Image</label><br/>
            <input type="file" name="image" id="file">
        </div>
        <div>
            <label>Enter Your message</label><br/>
            <textarea id="text" cols="40" rows="4" name="image_text"
                placeholder="Say something about this image..."></textarea>
        </div>
        <div>
            <button class="submit"type="submit" name="upload">Submit</button>
        </div>
    </form>
</div>
</body>
</html>
```

Câu 2:

Index.php

```php
<?php
include_once 'dbconnect.php';
// fetch files
$db_handle = new dbconnect();
$sql = "select filename from tbl_files";
$result = $db_handle->execute($sql);
?>


<!DOCTYPE html>
<html>
<head>
    <title>Upload View & Download file in PHP and MySQL</title>
    <meta content="width=device-width, initial-scale=1.0" name="viewport" >
    <link rel="stylesheet" href="css/bootstrap.css" type="text/css" />
</head>
<body>
```

```
<br/>
<div class="container">
    <div class="row">
        <div class="col-xs-8 col-xs-offset-2 well">
        <form action="upload.php" method="post" enctype="multipart/form-data">
            <legend>Select File to Upload:</legend>
            <div class="form-group">
                <input type="file" name="file1" />
            </div>
            <div class="form-group">
                <input type="submit" name="submit" value="Upload" class="btn btn-
info"/>
            </div>
            <?php if(isset($_GET['st'])) { ?>
                <div class="alert alert-danger text-center">
                <?php if ($_GET['st'] == 'success') {
                        echo "File Uploaded Successfully!";
                    }
                    else if ($_GET['st'] == 'error')
                    {
                        echo 'Invalid File Extension!';
                    }
                    else{
                        echo 'Invalid File!';
                    }?>
                </div>
            <?php } ?>
        </form>
        </div>
    </div>

    <div class="row">
        <div class="col-xs-8 col-xs-offset-2">
            <table class="table table-striped table-hover">
                <thead>
                    <tr>
                        <th>#</th>
                        <th>File Name</th>
                        <th>View</th>
                        <th>Download</th>
                    </tr>
                </thead>
                <tbody>
                <?php
                $i = 1;
```

```php
            while($row = mysqli_fetch_array($result)) { ?>
            <tr>
                <td><?php echo $i++; ?></td>
                <td><?php echo $row['filename']; ?></td>
                <td><a href="uploads/<?php echo $row['filename']; ?>"
target="_blank">View</a></td>
                <td><a href="uploads/<?php echo $row['filename']; ?>"
download>Download</td>
            </tr>
            <?php } ?>
            </tbody>
        </table>
    </div>
</div>
</div>
</body>
</html>
```

Upload.php

```php
<?php
require_once("dbconnect.php");
$db_handle = new dbconnect();
//check if form is submitted
if (isset($_POST['submit']))
{
    if(isset($_FILES['file1'])){
    $filename = $_FILES['file1']['name'];
    if($_FILES['file1']['error']>0){
        header("Location: index.php?st=fileerror");
    }
    else{
        //upload file
        if($filename != '')
        {
            $ext = pathinfo($filename, PATHINFO_EXTENSION);
            $allowed = ['pdf', 'txt', 'doc', 'docx', 'png', 'jpg',
'jpeg',  'gif'];

            //check if file type is valid
            if (in_array($ext, $allowed))
            {
            // get last record id
            $sql = 'select max(id) as id from tbl_files';
            $result = $db_handle->execute($sql);
```

```php
            if ($db_handle->numRows($sql)> 0)
            {
            $row = mysqli_fetch_array($result);
            $filename = ($row['id']+1) . '-' . $filename;
            }
            else
            $filename = '1' . '-' . $filename;

            //set target directory
            $path = 'uploads/';

            $created = @date('Y-m-d H:i:s');
            move_uploaded_file($_FILES['file1']['tmp_name'],($path . $filename));

            // insert file details into database
            $sql = "INSERT INTO tbl_files(filename, created) VALUES('$filename',
'$created')";
            $db_handle->execute($sql);
            header("Location: index.php?st=success");
            }
            else
            {
                header("Location: index.php?st=error");
            }
        }
        else
            header("Location: index.php");
        }
    }
}
?>
```

dbconnect.php

```php
<?php
//connect mysql database
class dbconnect{
    private $host = "127.0.0.1";
    private $user = "root";
    private $password = "";
    private $database = "demo";
    private $conn;

    function __construct() {
        $this->conn = $this->connectDB();
        if(!empty($this->conn)) {
```

```php
        $this->selectDB();
    }
}

function connectDB() {
    $conn = mysqli_connect($this->host,$this->user,$this->password,$this-
>database);
    return $conn;
}

function numRows($query) {
    $result  = mysqli_query($this->conn, $query);
    $rowcount = mysqli_num_rows($result);
    return $rowcount;
}

function selectDB() {
    mysqli_select_db($this->conn, $this->database);
}

function execute($query) {
    $result  = mysqli_query($this->conn, $query);
    return $result;
}
}
?>
```
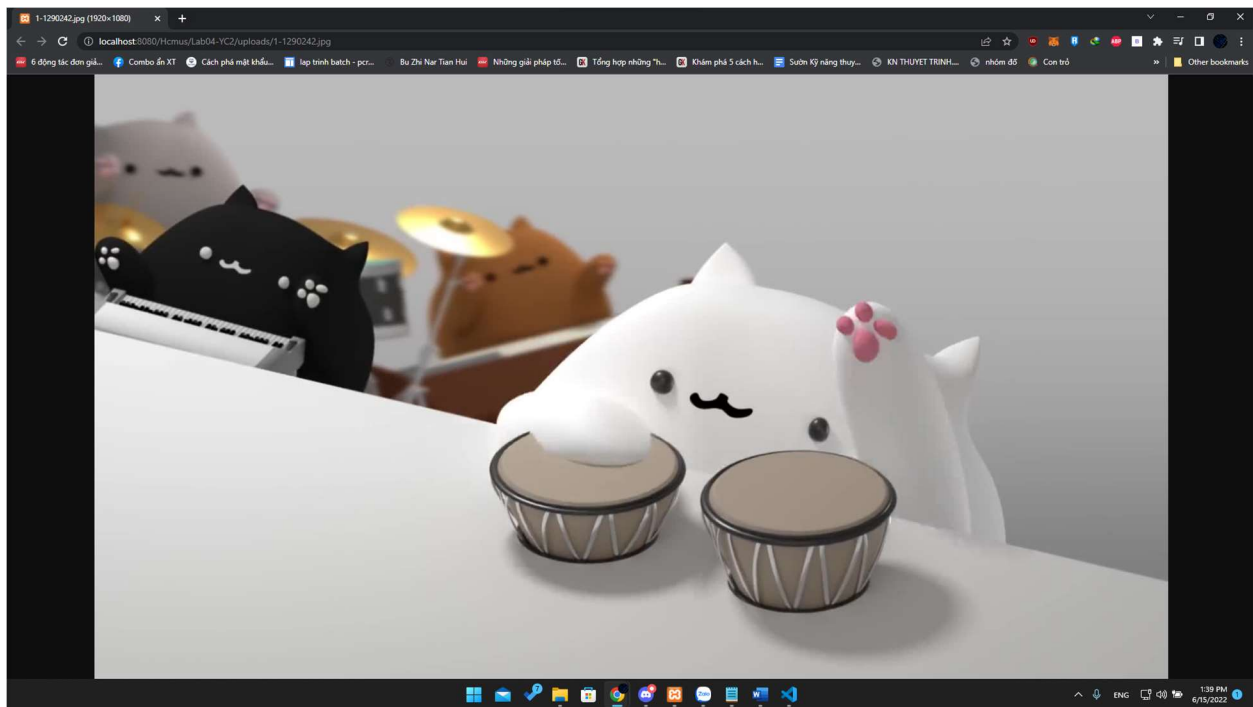
Select File to Upload:

Choose File   No file chosen

[Upload]

File Uploaded Successfully!

#	File Name	View	Download
1	1-1290242.jpg	View	Download
2	2-19110398_LeDinhNguyen_LTNet Lab05.pdf	View	Download

Nhấn View

Download file

Select File to Upload:

Choose File | No file chosen

Upload

File Uploaded Successfully!

#	File Name	View	Download
1	1-1290242.jpg	View	Download
2	2-19110398_LeDinhNguyen_LTNet Lab05.pdf	View	Download

1-1290242.jpg