Mở đầu

- Đã làm đầy đủ chức năng :
  - ✔ Thêm comment (có hình ảnh và không có hình ảnh)
  - ✔ Xóa comment
  - ✔ Hiển thị tất cả các comment

1. Tạo lập cơ sở dữ liệu

Code SQL:

```sql
CREATE DATABASE IF NOT EXISTS lab04;
USE lab04;
CREATE TABLE IF NOT EXISTS `comment` (
        `id` int(11) NOT NULL,
        `message` text NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

ALTER TABLE `comment` ADD PRIMARY KEY (`id`);

ALTER TABLE `comment`
MODIFY `id` int(11) NOT NULL AUTO_INCREMENT;
```

2. Xem tất cả comment

Code

File index.php

```php
<?php
require_once('controller.php');

$control = new controller();
$list_comment = $control->getComment();

if (isset($_POST['delete'])) {
$control->deleteComment($_POST['delete']);
}

if (isset($_POST['modify'])) {
// $control->modifyComment($_POST['modify']);
}
?>
<!doctype html>
<html lang="en">
```

```html
<head>
<title>AJAX</title>
<!-- Required meta tags -->
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

<!-- Bootstrap CSS -->
<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css" integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin="anonymous">

<!-- link Javascript -->
<script src="js/myScript.js"></script>
<!-- Font Awesome -->
<script src="https://use.fontawesome.com/1028e949c5.js"></script>

</head>

<body>
<section class="container-fluid">
<div class="row">
<div class="col-sm-12">
<!-- Nav tabs -->
<ul class="nav nav-tabs" id="navId">
<li class="nav-item">
<a href="#tab1Id" class="nav-link active">Active</a>
</li>

<li class="nav-item">
<a href="add.php" class="nav-link">Thêm</a>
</li>
</ul>

<!-- Tab panes -->
<div class="tab-content">
<div class="tab-pane fade show active" id="tab1Id" role="tabpanel"></div>
<div class="tab-pane fade" id="tab2Id" role="tabpanel"></div>
<div class="tab-pane fade" id="tab3Id" role="tabpanel"></div>
<div class="tab-pane fade" id="tab4Id" role="tabpanel"></div>
<div class="tab-pane fade" id="tab5Id" role="tabpanel"></div>
</div>

<!-- <script>
$('#navId a').click(e => {
e.preventDefault();
```

```
$(this).tab('show');
});
</script> -->
</div>
</div>
</section>
<section class="container">
<div class="row" id="ajax">
</div>

</section>
<script>
let xmlhttp = new XMLHttpRequest();
xmlhttp.onreadystatechange = function() {
if (this.readyState == 4 && this.status == 200) {
document.getElementById("ajax").innerHTML = this.responseText;
}
}
xmlhttp.open("GET", "view.php", true);
xmlhttp.send();
</script>
<!-- Optional JavaScript -->
<!-- jQuery first, then Popper.js, then Bootstrap JS -->
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-
q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"
integrity="sha384-
UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
integrity="sha384-JjSmVgyd0p3pXB1rRibZUAYoIIy6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B
07jRM" crossorigin="anonymous"></script>
</body>

</html>
```

File view.php

```php
<?php
require_once('controller.php');

$control = new controller();
$list_comment = $control->getComment();
?>

<?php foreach ($list_comment as $row) { ?>
<div class="col-md-4 col-sm-6 col-12 p-2 my-2 border border-info">
```

```html
<a href="">
<img src="<?= $row['image_link'] ?>" class="img-fluid">
</a>
<hr>
<div class="text-justify"><?= $row['message'] ?></div>
<hr>

<form action="" method="post">
<div class="row">
<div class="col-6 text-center">
<button name="delete" value="<?= $row['id'] ?>" onclick="return confirmDelete()" type="submit" class="btn btn-danger">Xóa</button>
<!-- <button role="button" ></button> -->
</div>
<div class="col-6 text-center">
<button name="modify" value="<?= $row['id'] ?>" class="btn btn-success" type="submit">Sửa</button>
</div>
</div>
</form>
</div>
<?php } ?>
<div class="col-md-4 col-sm-6 col-12 p-2 my-2 border border-info h1">
<a href="add.php">
<div class="d-flex align-items-center justify-content-center" style="width: 100%; height: 100%">
<div class="align-middle text-center">
<img src="img/add.png" class="img-fluid" alt="add-sign">
</div>
</div>
</a>
</div>
```
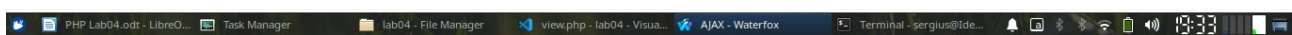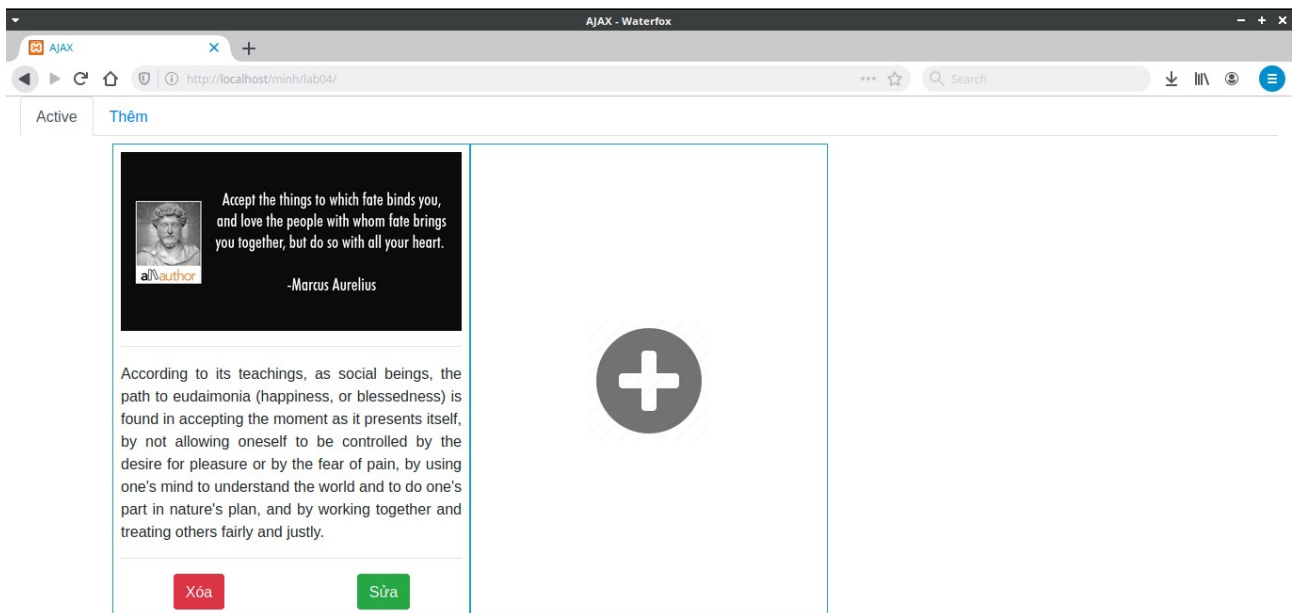
Hình ảnh

3. Thêm comment

Code

File controller.php

```php
function checkImgType($imageArray, &$error)
{
if (
$imageArray['type'] != 'image/jpg'
&& $imageArray['type'] != 'image/jpeg'
&& $imageArray['type'] != 'image/png'
) {
$error .= '<span class="text-danger">Only accept .jpg, .jpeg and .png <span>
<br>';
return false;
}
return true;
}
public function checkImgSize($imageArray, &$error)
{
//If Image size is NOT greater than 500kB
if ($imageArray['size'] <= 500000) return true;
else {
$error .= '<span class="text-danger">File size must not exceed 500kB<span>
<br>';
return false;
}
}
public function checkImgError($imageArray, &$error)
```

```php
{
if ($imageArray['error'] == 0) return true;
else {
$error .= '<span class="text-danger">There is error when uploading file, please try
again<span> <br>';
return false;
}
}
public function setImgName($id, $path, $postFix)
{
return $path . 'img' . $id . '.jpeg';
}

public function imageProcessing($image_array, &$error)
{
if (
$this->checkImgType($image_array, $error)
&& $this->checkImgSize($image_array, $error)
&& $this->checkImgError($image_array, $error) == true
) {
$new_path = 'img/' . preg_replace('/[^a-zA-Z0-9_.]/', '_', $image_array['name']);
move_uploaded_file($image_array['tmp_name'], $new_path)
or die("Couldn't move File");
return $new_path;
}
}

public function addComment($image_array, $text)
{
$error = '';
if (sizeof($image_array) == 0) $image_link = '';
else {
$image_link = $this->imageProcessing($image_array, $error);
}
$this->model->dataAddComment($image_link, $text);
$error .= '<span class="text-primary">Upload Succesfully<span> <br>';
return $error;
}
```

file model.php

```php
public function dataAddComment($image_link, $text)
{
$task = array(
':text' => $text,
':image_link' => $image_link
);

$sql = <<<EOSQL
```

```sql
INSERT INTO comment(message, image_link)
VALUES (:text, :image_link);
EOSQL;
```

```php
$query = $this->pdo->prepare($sql);
$query->execute($task);

}
```

Hình ảnh
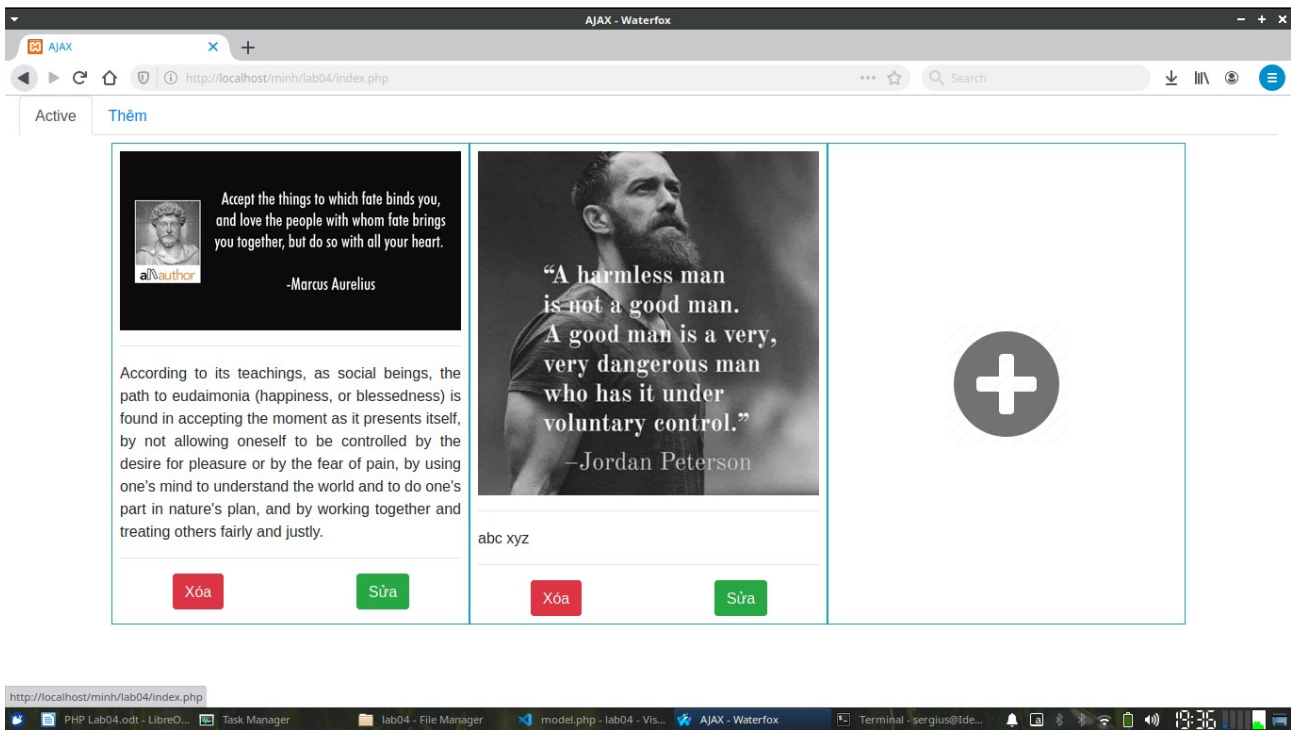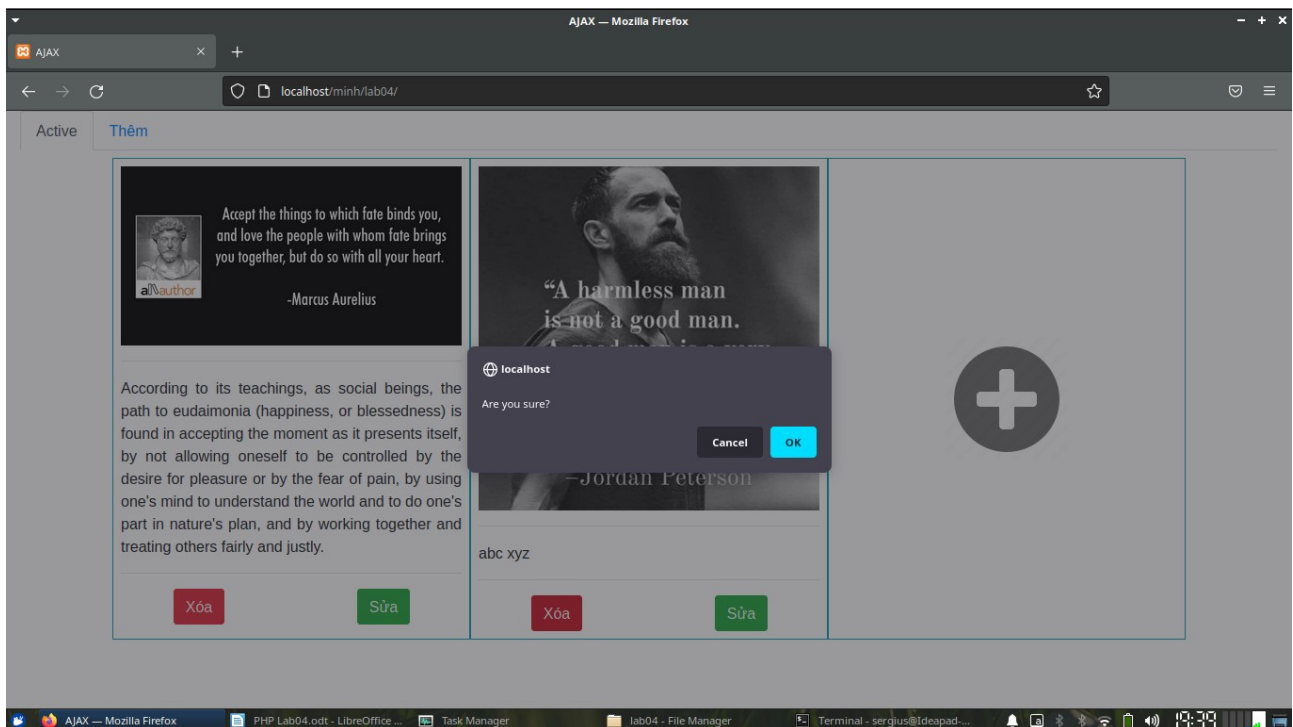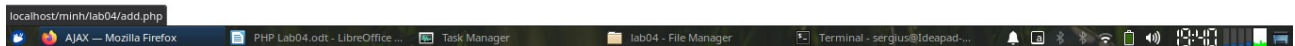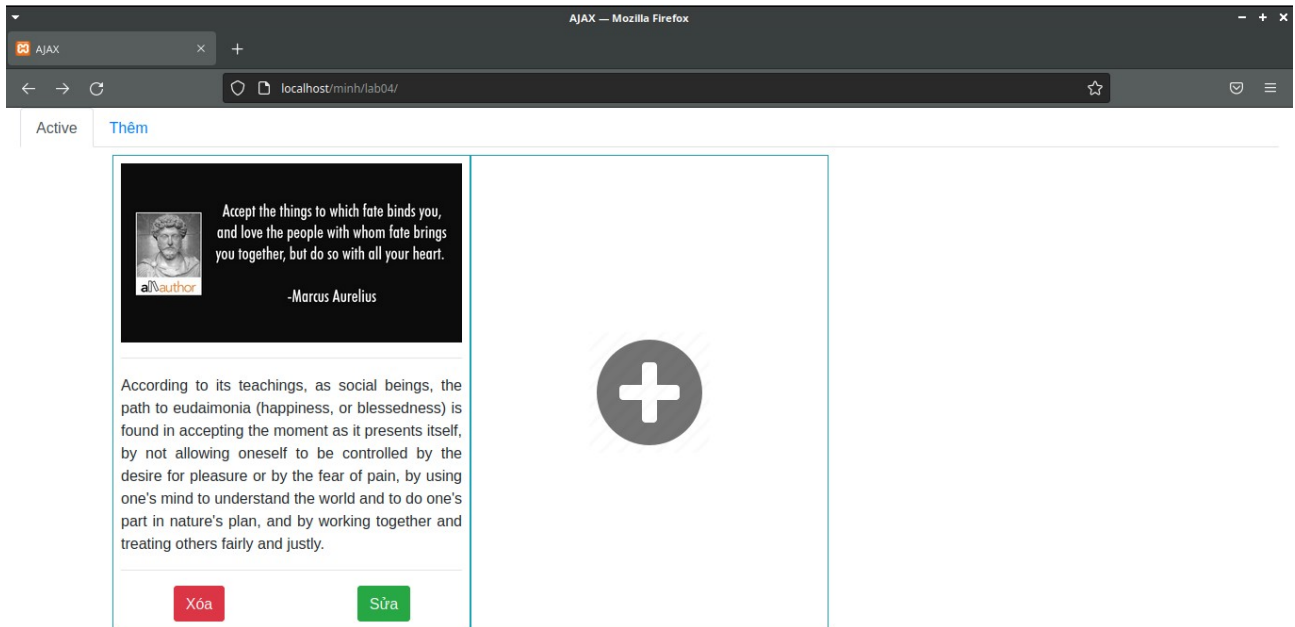
4. Xóa Comment

Hình

Code

controller.php

```php
public function deleteComment($id)
{
$resultArray = $this->model->dataGetARow($id);

//Hễ rỗng thì nó sẽ ko xóa cái gì cả
unlink($resultArray[0]['image_link']);
$this->model->dataDeleteComment($id);
}
```

model.php

```php
public function dataDeleteComment($id)
{
$sql = <<<EOSQL
DELETE FROM comment
WHERE id = :id
EOSQL;

$query = $this->pdo->prepare($sql);
$query->execute([':id' => $id]);
}
```