

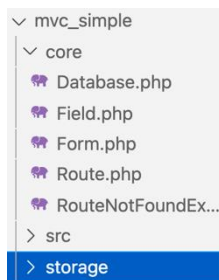
MỤC TIÊU:

Kết thúc bài thực hành này bạn có khả năng

- ✓ File Uploads
- ✓ Login

NỘI DUNG

Tạo **project** có cấu trúc và các tập tin gợi ý sau: *(có thể tái sử dụng bài lab4)*



Bài 1: Route với request method

- class Route , namespace app\core

```
private array $routes;

public function register(string $requestMethod, string $route, callable|array $action): self
{
    //var_dump($route);
    $this->routes[$requestMethod][$route] = $action;
    //var_dump($this->routes['post']);
    return $this;
}

public function get(string $route, callable|array $action): self
{
    return $this->register('get', $route, $action);
}

public function post(string $route, callable|array $action): self
{
    return $this->register('post', $route, $action);
}
```

- index.php

```
$router = new Router();
$router
    ->get('/', [app\Home::class, 'index'])
    ->post('/upload', [app\Home::class, 'upload']);

echo $router->resolve($_SERVER['REQUEST_URI'], strtolower($_SERVER['REQUEST_METHOD']));
```

Bài 2: File uploads

- class Home

```
namespace app;

class Home {
    public function index(): string{
        return <<<FORM
            <form action="/upload" method="post" enctype="multipart/form-data">
                <input type="file" name="receipt" />
                <button type="submit">Upload</button>
            </form>
        FORM;
    }
}

> public function upload(){
    }

}

public function upload(){
    //var_dump($_FILES);
    $filePath = STORAGE_PATH.'/'.$_FILES['receipt']['name'];
    move_uploaded_file(
        $_FILES['receipt']['tmp_name'],
        $filePath
    );
    var_dump(pathinfo($filePath));
}
```

- index.php

```
$router = new Router();
$router
    ->get('/', [app\Home::class, 'index'])
    ->post('/upload', [app\Home::class, 'upload']);

echo $router->resolve($_SERVER['REQUEST_URI'], strtolower($_SERVER['REQUEST_METHOD']));
```

Bài 3: Login.

1) Index.php

```
$router = new Router();
$router
    ->get('/', [app\Home::class, 'index'])
    ->post('/upload', [app\Home::class, 'upload'])
    ->get('/login', [app\Login::class, 'login'])
    ->post('/login', [app\Login::class, 'login'])
    ->get('/logout', [app\Login::class, 'logout']);
```

2) Class Login

- Method login

```

if(isset($_SESSION['user'])){
    $fname = $_SESSION['user']['firstname'];
    $lname = $_SESSION['user']['lastname'];
    return "{$lname} {$fname} <a href='/logout'>Logout</a>";
} else {
return '<form action="/login" method="post">
    <div class="form-group">
    <label>Email</label>
    <input type="text" class="form-control" name="email">
    </div>
    <div class="form-group">
    <label>Password</label>
    <input type="password" class="form-control" name="password">
    </div>
    <button type="submit" name="submit" class="btn btn-primary" value="Submit">Submit</button>
</form>';
}

```

- Method loginUser

```

public function loginUser() {
    if($this->emptyInput()==false){
        header("location:/register?error=emptyInput");
        exit();
    }

    if($this->invalidEmail()==false){
        header("location:/register?error=email");
        exit();
    }

    $this->getUser($this->email, $this->pwd);
}

```

- Method logout

```

public function logout() {
    session_unset();
    session_destroy();
    header("location:");
}

```

- Method getUser

```

protected function getUser($email,$pwd){
    $stmt = $this->connect()->query("SELECT * FROM users WHERE email='{ $email}'");

    if($stmt->num_rows == 0){
        $stmt = null;
        header("location:login?error=usernotfound");
        exit();
    }
    $user = $stmt->fetch_array(MYSQLI_ASSOC); //one row

    $checkpwd = password_verify($pwd,$user['password']);
    if($checkpwd==false){
        $stmt = null;
        header("location:login?error=wrongpassword");
        exit();
    } else if($checkpwd==true){
        $_SESSION['user'] = $user;
    }
}

```

3) Class Database, namespace app\core

```
class Database
{
    protected function connect(){
        try {
            $servername = "192.168.64.2";
            $username = "tram";
            $password = "ZMu0eX@F*F(xYN65";
            $dbname = "mvc_framework";

            //$conn = mysqli_connect($servername,$username, $password);
            $conn = new mysqli($servername, $username, $password, $dbname);

            if (!$conn) {
                //die("Connection failed: ". mysqli_connect_error());
                die("Connection failed: ". $conn->connect_error());
            }
            //echo "Connected successfully";
            return $conn;
        } catch (Exception $e) {
            print "E app\core\Database::HelloWorld
            die();
        }
    }

    public function HelloWorld(){
        //
    }
}
```

Bài 4: Giảng viên cho thêm.

Gợi ý: Danh sách sản phẩm / tin tức / post

*** Yêu cầu nộp bài:

SV nén file (hoặc share thư mục google drive) bao gồm các yêu cầu đã thực hiện trên, nộp LMS đúng thời gian quy định của giảng viên. KHÔNG NỘP BÀI COI NHƯ KHÔNG CÓ ĐIỂM.

--- Hết ---