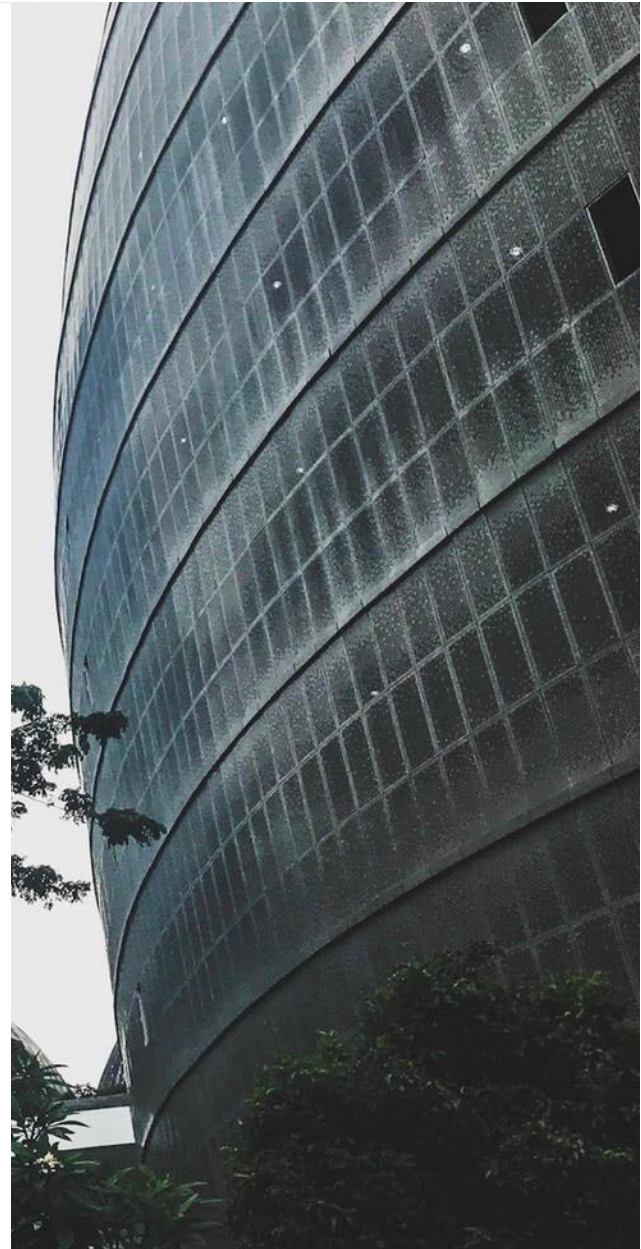


MODUL PRAKTIKUM

IS556 – WEB DESIGN AND DEVELOPMENT
PROGRAM SARJANA S1 SISTEM INFORMASI
FAKULTAS TEKNIK DAN INFORMATIKA



**PROGRAM STUDI SISTEM INFORMASI
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MODULE 12

WEB DEVELOPMENT FRAMEWORK – LARAVEL



DESCRIPTION

Web application development using certain framework: Laravel.

WEEKLY LEARNING OUTCOMES (SUB-LEARNING OUTCOMES)

1. SUB-CLO 11: Students are able to build web application using certain framework (C6)

PRACTICAL SUPPORT

1. Visual Studio Code

STEPS:

In this exercise, we will continue the last meeting exercise.

Task 1: Add validation to the login page

1. First, we need to modify the **login.blade.php** to display the error message for log in validation.

```
@include('header')

<!--Body Section-->
<div class="row" style="padding-left: 0px;">
    <nav class="col-sm-2">
        <br>
    </nav>
    <!--Center Column Content Section-->
    <div class="col-sm-8">
        <h3 class="text-center">Welcome, please log in first</h3>
        <p>
            @if (count($errors) > 0)
                <div class="alert alert-danger">
                    @foreach ($errors->all() as $error)
                        {{ $error }}
                    @endforeach
                </div>
            @endif
            <form style="padding-left:200px;" method="post" action="{{ route('users.login') }}">
                @csrf
                <label class="col-sm-4 col-form-label">E-mail:</label>
                <input type="text" name="email" /><br />
                <label class="col-sm-4 col-form-label">Password:</label>
                <input type="password" name="password" /><br />
                <button class="btn btn-primary" type="submit" name="submit" id="Login">Login</button>
                <br>
                <br>
                Register new user. <label><a href='http://127.0.0.1:8000/users/register'>Register</a></label>
            </form>
        </div>
    </div>

@include('footer')
```

2. Then, add this snipped code to the **Users.php** in Controllers



```
public function login_action(Request $request)
{
    $this->validate($request,[
        'email'=>'required|email',
        'password'=>'required'
    ]);

    $username = $request->input('email');
    $password = md5($request->input('password'));

    $data = DB::table("user_login")
    ->select("user_role")
    ->where([
        ["email", "=", $username],
        ["password", "=", $password]
    ])
    ->value('user_role');

    if ($data == 'admin'){
        $user = DB::table('user_data')->get();
        return view('login_admin')->with('userdata',$user);
    }else if($data == 'member'){
        $user = DB::table("user_data")
        ->select("first_name","last_name")
        ->where("email", "=", $username)
        ->get();

        return view('login_member')->with('userdata',$user);
    }else if($data == ''){
        return view('login');
    }
}
```

Task 2: Add Registration Page

1. Use the file named **register.blade.php** from the supported files, put to the views folder.
2. You need to modify the controllers for this registration page, so re-open the **Users.php**, add this snipped code below:

```
public function register()
{
    return view('register');
}
```

```
public function regis_action(Request $request)
{
    //add validation to the registration form
    $this->validate($request,[
        'first_name'=>'required|regex:/^[a-zA-Z]+$|u|max:100',
        'last_name'=>'required|regex:/^[a-zA-Z]+$|u|max:100',
        'email'=>'required|max:100|email',
        'password'=>'required',
        'phone'=>'required|numeric',
        'address'=>'required|max:100',
        'city'=>'required|max:100',
        'zip_code'=>'required|numeric|max:99999',
        'gender'=>'required|max:100',
        'dob'=>'required|date',
        'profile_pic'=>'required'
    ]);

    //create variable for each table attributes and assign the input to the variable
    $first_name = $request->input('first_name');
    $last_name = $request->input('last_name');
    $email = $request->input('email');
    $password = md5($request->input('password'));
    $phone = $request->input('phone');
    $address = $request->input('address');
    $city = $request->input('city');
    $zip_code = $request->input('zip_code');
    $gender = $request->input('gender');
    $dob = $request->input('dob');
    $profile_pic = $request->file('profile_pic');
    $regisdate = date("Y-m-d");
}
```

```
//query to the database
$data = DB::table("user_login")
->insert(
    ['email'=>$email,
     'password'=>$password,
     'user_role'=>'member']
);

$data = DB::table("user_data")
->insert(
    ['first_name'=>$first_name,
     'last_name'=>$last_name,
     'email'=>$email,
     'phone'=>$phone,
     'address'=>$address,
     'city'=>$city,
     'zip_code'=>$zip_code,
     'gender'=>$gender,
     'date_of_birth'=>$dob,
     'profile_pic'=>$profile_pic,
     'registration_date'=>$regisdate]
);

return view('login');
}
```

Task 3: Movie and Review Page

Now, we want to modify the page so it can display the list of movie's trailers on the user (member) page.

1. First, we need to add a new column in the database. Create table named **"movie"**, then set attributes: **movie_id, movie_title, release_date, link**.
2. Fill the table:

movie_id	movie_title	release_date	link
MV1	The Flash	2023-06-16	https://www.youtube.com/embed/hebWYacbdvc?autoplay=1
MV2	Transformers : Rise of The Beast	2023-06-09	https://www.youtube.com/embed/itnqEauWQZM?autoplay=1
MV3	Barbie	2023-07-20	https://www.youtube.com/embed/GRyt3Ov4zz0?autoplay=1

3. Modify the body section of **login_member.blade.php**.

```

@include('header')

<!--Body Section-->
<div class="row" style="padding-left: 0px;">
    <nav class="col-sm-2">
        </br>
    </nav>
    <!--Center Column Content Section-->
    <div class="col-sm-8">
        <?php
            session_start();
            foreach ($userdata as $users_item):
                $_SESSION["first_name"] = $users_item->first_name;
                $_SESSION["last_name"] = $users_item->last_name;
            endforeach;
        ?>

        <h3 class="text-center"> WELCOME <?php echo $_SESSION["first_name"] . ' ' . $_SESSION["last_name"];?></h3>

        <h1 class="text-center">Coming Soon 2023</h1>
        </br>
        </br>
        <?php
            foreach($movies as $item):
                echo "<p>";
                echo "<iframe class='text-center' width='680' height='360' src='". $item->link. "'></iframe>";
                echo "<br/><h3>". $item->movie_title. "</h3>";
                echo "<label>Release Date: ". $item->release_date. "</label><br/>";
                echo "<a href='http://127.0.0.1:8000/'>";
                echo "</p>";
            endforeach;
            session_destroy();

            echo "<label><a href='http://127.0.0.1:8000/'>Logout</label>";
        ?>

    </div>
</div>

@include('footer')

```

4. Modify the function **login_action** in the controller **Users.php**



```

public function login_action(Request $request)
{
    $this->validate($request,[
        'email'=>'required|email',
        'password'=>'required'
    ]);

    $username = $request->input('email');
    $password = md5($request->input('password'));

    $data = DB::table("user_login")
    ->select("user_role")
    ->where([
        ["email", "=", $username],
        ["password", "=", $password]
    ])
    ->value('user_role');

    if ($data == 'admin'){
        $user = DB::table('user_data')->get();
        return view('login_admin')->with('userdata',$user);
    }else if($data == 'member'){
        $user = DB::table("user_data")
        ->select("first_name","last_name")
        ->where("email", "=", $username)
        ->get();

        $movie = DB::table("movie")->get();

        return view('login_member')->with('userdata',$user)->with('movies',$movie);
    }else if($data == ''){
        return view('login');
    }
}

```

Task 4: Routing

So that all pages can be accessed, don't forget to set the route.

1. Open the **web.php** file in the folder "routes".
2. Modify by add this code below:

```

Route::get('/', 'App\Http\Controllers\Users@index');
Route::post('users/login', ['as' => 'users.login', 'uses' => 'App\Http\Controllers\Users@login_action']);
Route::get('users/register', 'App\Http\Controllers\Users@register');
Route::post('users/regist', ['as' => 'users.regis', 'uses' => 'App\Http\Controllers\Users@regis_action']);

```

SUBMISSION

1. Submit files consisting of:
 - a. File project (include HTML file and all used objects (image, dll)).
2. Compress file (.zip) and named **COURSECODE_CLASS_NIM_NAME_WEEK KE-XX.zip** (example:
IS556_A_13110310017_Monika Evelin Johan_Week-01.zip).

REFERENCES

- <https://laravel.com/>