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Bengkel Pengenalalan Laravel

Bersama Jabatan Pendidikan Negeri Terengganu

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Makmal Komputer

JPN Terengganu



Agenda

Hari 1

Modul 1 Isu/cabaran sistem Web
Modul 2 Pengenalan Framework
Modul 3 Instalasi Laravel

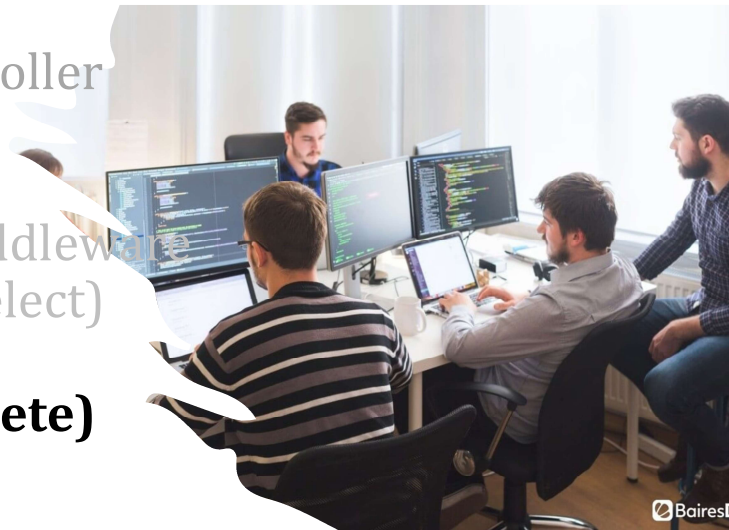
Hari 2

Modul 4 Laravel Route/Views
Modul 5 Laravel Blade
Modul 6 Laravel Form / Controller

Hari 3

Modul 7 Laravel Session / Middleware
Modul 8 Laravel DB Query (Select)
**Modul 9 Laravel DB Query
(Insert/Update/Delete)**

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Route (INSERT)

```
Route::any("/user","App\Http\Controllers\UserController@List");  
Route::view("/adduser","manageuser/adduser");  
Route::any("/insertuser","App\Http\Controllers\UserController@Insert");
```

DB Query resources/views/listuser.blade.php

```
<h1>Manage User</h1>
```

```
<a href='adduser'>INSERT</a>
```

```
<table class='table'>
```

```
@foreach ($data as $d)
```

```
    <tr>        <td>{{ $d->username }}</td>
```

```
        <td>{{ $d->password }}</td>
```

```
        <td>{{ $d->userlevel }}</td>
```

```
        <td>{{ $d->fullname }}</td>
```

```
        <td><a href='deleteuser/{{ encrypt($d->id) }}'>Delete</a></td>
```

```
        <td><a href='edituser/{{ encrypt($d->id) }}'>Edit</a></td>
```

```
    </tr>
```

```
@endforeach
```

```
</table>
```

DB Query resources/views/adduser.blade.php

```
<h1>ADD USER</h1>
```

```
<form method='POST' action='insertuser'>
```

```
@csrf
```

```
Username: <input type='text' name='username' value=''><br>
```

```
Password: <input type='password' name='password' value=''><br>
```

```
Fullname: <input type='text' name='fullname' value=''><br>
```

```
Userlevel (0=admin, 1=user): <input type='number' name='userlevel' value=''><br>
```

```
<input type='submit' name='btnSubmit' value='Add'><br>
```

```
</form>
```

DB Query App\Http\Controllers\UserController.php

```
function List(){  
    $data = DB::table("user")->get();  
    return view("manageuser/listuser",compact('data'));  
}
```

DB Query App\Http\Controllers\UserController.php

```
function Insert(){
    $result = DB::table("user")
        ->upsert(
            ["username" => Request::get("username"),
            "password" => Request::get("password"),
            "fullname" => Request::get("fullname"),
            "userlevel" => Request::get("userlevel")],
            ["username"],
            ["password","fullname","userlevel"]
        );

    if ($result)
        return redirect("/user");
    else
        echo "Failed to insert";
}
```

Route (DELETE)

```
Route::get("/deleteuser/{x}",function($idEncrypt){  
    return view("manageuser/deleteuser", compact('idEncrypt'));  
});  
Route::any("/deleteuser/removeuser",  
    "App\Http\Controllers\UserController@Delete");
```


DB Query resources/views/listuser.blade.php

```
<h1>Manage User</h1>
```

```
<a href='adduser'>INSERT</a>
```

```
<table class='table'>
```

```
@foreach ($data as $d)
```

```
    <tr>        <td>{{ $d->username }}</td>
```

```
        <td>{{ $d->password }}</td>
```

```
        <td>{{ $d->userlevel }}</td>
```

```
        <td>{{ $d->fullname }}</td>
```

```
        <td><a href='deleteuser/{{ encrypt($d->id) }}'>Delete</a></td>
```

```
        <td><a href='edituser/{{ encrypt($d->id) }}'>Edit</a></td>
```

```
    </tr>
```

```
@endforeach
```

```
</table>
```

DB Query resources/views/deleteuser.blade.php

@php

```
$id = decrypt($idEncrypt);  
$data = DB::table("user")  
->where("id",$id)  
->first();
```

@endphp

<h1>DELETE USER</h1>

<form method='POST' action='removeuser'>

@csrf

Username: {{\$data->username}}

Password: {{\$data->password}}

Fullname: {{\$data->fullname}}

<input type='hidden' name='id' value='{{\$idEncrypt}}'>

<input type='submit' name='btnSubmit' value='Delete'>

</form>

DB Query App\Http\Controllers\UserController.php

```
function Delete(){
    $result = DB::table("user")
        ->where("id", decrypt(Request::get("id"))) )
        ->delete();
    if ($result)
        return redirect("/user");
    else
        echo "Failed to delete";
}
```

Route (UPDATE)

```
Route::get("/edituser/{x}", function($idEncrypt){  
    return view("manageuser/edituser", compact('idEncrypt'));  
});  
Route::any("/edituser/updateuser",  
    "App\Http\Controllers\UserController@Update");
```

DB Query resources/views/listuser.blade.php

```
<h1>Manage User</h1>
```

```
<a href='adduser'>INSERT</a>
```

```
<table class='table'>
```

```
@foreach ($data as $d)
```

```
    <tr>    <td>{{ $d->username }}</td>
```

```
        <td>{{ $d->password }}</td>
```

```
        <td>{{ $d->userlevel }}</td>
```

```
        <td>{{ $d->fullname }}</td>
```

```
        <td><a href='deleteuser/{{ encrypt($d->id) }}'>Delete</a></td>
```

```
        <td><a href='edituser/{{ encrypt($d->id) }}'>Edit</a></td>
```

```
    </tr>
```

```
@endforeach
```

```
</table>
```

DB Query resources/views/edituser.blade.php

@php

```
$id = decrypt($idEncrypt);
```

```
$data = DB::table("user")
```

```
->where("id",$id)
```

```
->first();
```

@endphp

<h1>EDIT USER</h1>

<form method='POST' action='updateuser'>

@csrf

<input type='hidden' name='id' value='{{\$idEncrypt}}'>

Username: <input type='text' name='username' value='{{\$data->username}}'>

Password: <input type='password' name='password' value='{{\$data->password}}'>

Fullname: <input type='text' name='fullname' value='{{\$data->fullname}}'>

Userlevel (0=admin, 1=user): <input type='number' name='userlevel' value='{{\$data->userlevel}}'>

<input type='submit' name='btnSubmit' value='Update'>

</form>

DB Query App\Http\Controllers\UserController.php

```
function Update(){
    $result = DB::table("user")
    ->where("id",decrypt(Request::get("id"))) )
    ->update(
        [
            "username" => Request::get("username"),
            "password" => Request::get("password"),
            "fullname" => Request::get("fullname"),
            "userlevel" => Request::get("userlevel")
        ]
    );
    if ($result)
        return redirect("/user");
    else
        echo "Failed to update";
}
```