

What is laravel ?

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Backend scripting language

For developing web app and API

Why we use ?

Strong command and support

Large community

Regular updates

Fast and simple

Topics ???

Basics

Database

API

Project

New feature

Interview questions

What is composer?

Folder and file structure?

WHERE we write html?

Model,controller,routing,view store,config

Dependency.

Where we store core code?

Controller model middle wares service providers

For custom command we use kernel !!

How can I upgrade or downgrade any version of package? Should I need to run any command

Kia hum apni file view folder se bhar rkh kr bhe access kr saky h???

How to make controller?

Php artisan make:controller usercontroller

Interview question ?

How to make manually controller?

Can we make without commman line?

Ternnury operator (condition)

```
<td> {{($value->status == 1) ? 'Active' : 'Not Active' }} </td>
```

Controller work to show data on view page (list)

```
public function index()
{
    $data = CRUD::get()->all(); 
```

Create module ???

```
<h2 class="text-center" style="margin-top:50px;"> Add User</h2>
<div class="container col-md-4" style="margin-top:30px;">
  <form action="{{route('crud.store')}}" method="post"
enctype="multipart/form-data">
    @csrf
    <div class="form-group row">
      <label for="inputEmail3" class="col-sm-2 col-form-
label">Name</label>
      <div class="col-sm-10">
        <input type="text" class="form-control" name="name" id="name"
placeholder="Email">
        {{-- @if($errors->has('name'))--}}
        {{-- <div class="error">{{ $errors->first('name')
}}</div>--}}
        {{-- @endif--}}
      </div>
    </div>
  </div>
```

6

We get data from database through name “name” through putting in input field !!

Controller work of create model

```
public function create()
{
    return view('Crud/add');
}
```

crud is a link name and add is a file name;

```
<form action="{{route('crud.store')}}" method="post"
enctype="multipart/form-data">
    @csrf
```

Through action we store data in database while using method”post”

@csrf

csrf is a secret key of any request or any user !!!

## Add user????

```
<h2 class="text-center" style="margin-top:50px;"> Add User</h2>
<div class="container col-md-4" style="margin-top:30px;">
  <form action="{{route('crud.store')}}" method="post" enctype="multipart/form-
data">
    @csrf
    <div class="form-group row">
      <label for="inputEmail3" class="col-sm-2 col-form-label">Name</label>
      <div class="col-sm-10">
        <input type="text" class="form-control" name="name" id="name"
placeholder="Email">
        {{-- @if($errors->has('name'))--}}
        {{-- <div class="error">{{ $errors->first('name') }}</div>--}}
        {{-- @endif--}}
      </div>
    </div>
    <div class="form-group row">
      <label for="inputEmail3" class="col-sm-2 col-form-label">Email</label>
      <div class="col-sm-10">
        <input type="email" class="form-control" name="email" id="inputEmail3"
placeholder="Email">
      </div>
    </div>
    <div class="form-group row">
      <label for="inputEmail3" class="col-sm-2 col-form-label">phone</label>
      <div class="col-sm-10">
        <input type="number" class="form-control" name="phone"
id="inputEmail3" placeholder="phone">
      </div>
    </div>
    <div class="form-group row">
      <label for="inputEmail3" class="col-sm-2 col-form-label">image</label>
      <div class="file-field ml-3">
        <div class="btn btn-primary btn-sm float-left">
          <span>Choose files</span>
          <input type="file" name="image" multiple>
        </div>
      </div>
    </div>

    <div class="border border-light p-3 mb-4">

      <div class="text-center">
        <button type="submit" class="btn btn-primary">Add user here</button>
      </div>

    </div>
  </form>
```

This is the add user module we store data in “store” function using this line of code

```
<form action="{{route('crud.store')}}" method="post" enctype="multipart/form-data">
```

## Controller view of Add user module

```
public function store(Request $request)
{
    if(!empty($request)){
        $this->validate($request,[
            'name' => 'required',
            'email' => 'required | email',
            'image' => 'required|image|mimes:jpeg,png,jpg,gif,svg|max:2048',
        ]);
        if(!empty($request->image)){
            $imageName = rand(11111, 99999) . '.' . $request->file('image')->getClientOriginalExtension();
            $destinationPath = public_path('profile');
            $upload_success = $request->image->move($destinationPath, $imageName);
        }
        $data =[
            'image'=>$imageName,
            'name'=>$request->name,
            'email'=>$request->email,
            'phone'=>$request->phone,
        ];
        CRUD::create($data);

        return redirect()->route('crud.index')
            ->with('success','Product created successfully.');
```

```
}else{
    return redirect()->route('crud.index')
        ->with('errors','Product did not created successfully.');
```

```
}
```

## two ways of storing data in database

(1)

```
$data =[
    'image'=>$imageName,
    'name'=>$request->name,
    'email'=>$request->email,
    'phone'=>$request->phone,
];
CRUD::create($data);

return redirect()->route('crud.index')
    ->with('success','Product created successfully.');
```

(2)

```
$data->update([  
    'image'=>$imageName,  
    'name'=>$request->name,  
    'email'=>$request->email,  
    'phone'=>$request->phone,  
    'status'=>$request->status,  
  
]);
```

## Edit user/update???

```
<form action="{{route('crud.update',$data->id)}}" method="post"
enctype="multipart/form-data">
    @csrf
    @method('PUT')
    <div class="form-group row">
        <label for="inputEmail3" class="col-sm-2 col-form-label">Name</label>
        <div class="col-sm-10">
            <input type="text" name="name" class="form-control" value="{{ $data-
>name }}" id="inputEmail3" placeholder="name">
        </div>
    </div>
    <div class="form-group row">
        <label for="inputEmail3" class="col-sm-2 col-form-label">Email</label>
        <div class="col-sm-10">
            <input type="text" name="email" class="form-control" value="{{ $data-
>email }}" id="inputEmail3" placeholder="Email">
        </div>
    </div>
    <div class="form-group row">
        <label for="inputEmail3" class="col-sm-2 col-form-label">phone</label>
        <div class="col-sm-10">
            <input type="text" name="phone" class="form-control" value="{{ $data-
>phone }}" id="inputEmail3" placeholder="phone">
        </div>
    </div>
    <div class="form-group row">
        <label for="inputEmail3" class="col-sm-2 col-form-label">image</label>
        <div class="file-field ml-3">
            <div class="btn btn-primary btn-sm float-left">
                <span>Choose files</span>
                <input name="image" type="file" multiple>
            </div>
        </div>
    </div>
    <div class="form-group row">
        <label for="inputEmail3" class="col-sm-2 col-form-label">Status</label>
        <div class="col-sm-10">
            <input type="text" name="status" class="form-control" value="{{ $data-
>status }}" id="inputEmail3" placeholder="status">
        </div>
    </div>
    <div class="border border-light p-3 mb-4">
        <div class="text-center">
            <button type="submit" class="btn btn-primary">update user here</button>
        </div>
    </div>
</form>
```



Using through this line we get data from data base from store function

```
<form action="{{route('crud.update',$data->id)}}" method="post" enctype="multipart/form-data">
```

Using this name" phone" we set data in desire fields

```
<div class="col-sm-10">
    <input type="email" name="email" class="form-control" value="{{ $data->email }}" id="inputEmail3"
placeholder="Email">
</div>
```

enctype???

**Enctype** ='multipart/form-data is **an encoding type that allows files to be sent through a POST**. Quite simply, without this encoding the files cannot be sent through POST. If you want to allow a user to upload a file via a form, you must use this enctype !!

## Controller view of Edit user ??????

```
public function edit($id)
{
    $data = CRUD::where('id',$id)->get()->first();
    return view('Crud.edit',compact('data'));
}
```

```
<a class="btn btn-primary" href="{{route('crud.edit',$value->id)}}" "> edit
</a>

<form action="{{route('crud.destroy',$value->id)}}" method="post" >
```

```
@csrf
@method('DELETE')
<button type="submit" class="btn btn-primary"> Dlt </button>
</form>
```

```
<a class="btn btn-danger" href="{{route('crud.create')}}"> Add </a>
```

## php artisan make:request CrudRequest

```
public function store(CrudRequest $request)
{
    $requestdata= $request;
    $wow = $this->abc->testing($requestdata);

    if($wow){
        return redirect('crud')->with('flash_success','Success');
    }
}
```