# **LARAVEL 10 Install**

**Tech Requirement**

* PHP 8.0.2
* MySql
* Composer
* [Git - Downloads (git-scm.com)](https://git-scm.com/downloads)

Create First Laravel Project

**composer create-project laravel/laravel Your Project Name**

Now GO to the Installed Directory

**cd Your Project Name**

Next to serve application

**php artisan serve**

&

composer global require "laravel/installer"

laravel new nirectory\_name

# **Database**

Localhost/phpmyadmin : Create New your database

php artisan make:model ModelName –m : Create model

php artisan make:controller form: Create controller

php artisan migrate : migrate Your table

php artisan make:migration create\_form\_table : Create new Table

|  |
| --- |
| make |
| make:command Create a new command class |
| make:console Create a new Artisan command |
| make:controller Create a new resource controller class |
| make:event Create a new event class |
| make:middleware Create a new middleware class |
| make:migration Create a new migration file |
| make:model Create a new Eloquent model class |
| make:provider Create a new service provider class |
| make:request Create a new form request class  make:channel Create a new channel class  make:exception Create a new custom exception class  make:factory Create a new model factory  make:job Create a new job class  make:listener Create a new event listener class  make:mail Create a new email class  make:notification Create a new notification class  make:observer Create a new observer class  make:policy Create a new policy class  make:resource Create a new resource  make:rule Create a new validation rule  make:seeder Create a new seeder class  make:test Create a new test class  php artisan key:generate  <https://artisan.page/>  All PHP Artisan |

# **CRUD**

# Insert

function insert(Request $req){

        $fname =  $req ->get('fname');

        $lname =  $req ->get('lname');

        $gmail =  $req ->get('email');

        $pass =  $req ->get('pass');

      //   return $req ->input();

      $form = new table();

      $form -> fname = $fname;

      $form -> lname = $lname;

      $form -> email = $gmail;

      $form -> pass = $pass;

      $form -> save();

      return redirect('/');

       }

Route::post('insertData',[form::class,'insert']);

# Show

 function readdata(){

        $form = table::all();

        return view('show',['data' => $form]);

       }

Route::get('show',[form::class,'readdata']);

      @foreach ($data as $row)

<table border="1px solid black" style="width: 50%">

    <tr>

      <td>  {{ $row->id }}</td>

       <td> {{ $row->name }}</td>

       <td> <img src="images/{{ $row->img }}" alt="" style="height: 100px;width:100px;"></td>

    </tr>

    </table>

      @endforeach

# Delete

 function delete($id){

        $form = table::find($id);

        $form -> delete();

      return redirect('show');

       }

Route::get('delete/{id}',[form::class,'delete']);

# Update

 function show($id){

        $form = table::find($id);

        return view('edit',['row' => $form]);

       }

       function edit(Request $req){

      $form = table::find($req -> id);

      $form -> fname = $req -> fname;

      $form -> lname = $req -> lname;

      $form -> email = $req -> email;

      $form -> pass = $req -> pass;

      $form -> save();

      return redirect('show') -> with ('message','updated');

       }

Route::get('edit/{id}',[form::class,'show']);

Route::post('edit',[form::class,'edit']);

# IMAGE

function insert(request $req){

        $name = $req -> get('name');

        $image = $req -> file('img')->getClientOriginalName();

        $req->img-> move(public\_path('images'),$image);

        $i = new image();

        $i -> name = $name;

        $i -> img = $image;

        $i -> save();

        return redirect('/');

Route::post('go',[img::class,'insert']);

      @foreach ($data as $row)

<table border="1px solid black" style="width: 50%">

    <tr>

      <td>  {{ $row->id }}</td>

       <td> {{ $row->name }}</td>

       <td> <img src="images/{{ $row->img }}" alt="" style="height: 100px;width:100px;"></td>

    </tr>

    </table>

      @endforeach

# Session

 return redirect()->back()->with('msg', 'File uploaded successfully.');

@if(session()->has('msg'))

      <script>alert('  {{ session()->get('msg') }}')</script>

    @endif

# Signup & Login

 composer require laravel/ui

php artisan ui bootstrap –auth

npm install

npm run dev

# product limit

@foreach ($data->take(4) as $row) product limit

@foreach ($data->slice(4,8) as $row) product limit