# View, Controller, Route in Laravel

#### (Webpage (View))

#### Step 1:

- a) Create folder in **resources > views** according to your **Model** in my case its **plot**.
- b) In plot folder, add new file, add.blade.php.
- c) Write Html/CSS code for **add** Webpage.

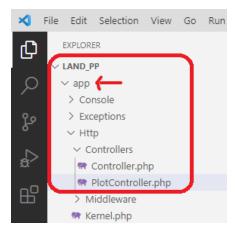
```
EXPLORER
                                              .env
                                                               PlotController.php
                                                                                       💏 web.php
                                                                                                        add.php
LAND_PP
                                               resources > views > plot > 💝 add.php
                                                 1 <!DOCTYPE html>
  ? 2021_11_05_000004_create_houses_table.php
                                                      <html lang="en">
                                                 3
                                                      <head>
 gitignore
                                                          <meta charset="UTF-8">
 > public
                                                          <meta http-equiv="X-UA-Compatible" content="IE=edge">
                                                          <meta name="viewport" content="width=device-width, initial-scale=1.0">
  resources
                                                 7
                                                          <title>Document</title>
                                                      </head>
                                                 8
  > lang
                                                      <form action="" method="post">
                                                10
  views
                                                               <label for="plot_no">Plot No:&nbsp;</label>
                                                11
                                                               <input type="text" id='plot_no' name="plot_no" value="Enter Plot Number</pre>
                                                12
                                                13
                                                14
                                                               <label for="type">Plot Type: &nbsp;</label>
                                                               <input type="text" id="type" name="type" value="Enter Type of Plot"><br/><br/>b
                                                15
 routes
                                                16
 💏 api.php
                                                               <label for="dimensions">Dimensions: &nbsp;</label>
                                                17
 channels.php
                                                               <input type="text" id="dimensions" name="dimensions" value="Enter Dimensions"</pre>
 e console.php
                                                19
 m web.php
                                                20
                                                               <label for="price">Price: &nbsp;</label>
                                                21
                                                               <input type="text" id="price" name="price" value="Enter Price Value"><</pre>
 > storage
                                                22
 > tests
                                                23
 > vendor
                                                      </html>
d editorconfia
```

#### (Adding Controller)

## Step 1:

Creating controller by using given command in Terminal

php artisan make:controller PlotController



In my case it is **PlotController** as my model name is **Plot**.

#### Step 2:

Add Model name in the controller.

```
X File Edit Selection View Go Run Terminal Help
                                                                               PlotController.php - Land_pp - Visual Studio Code
        EXPLORER
                                                       PlotController.php
                                                                                2021_11_05_000003_create_buyers_table.ph
      LAND PP
                                                        app > Http > Controllers >  PlotController.php
        🗸 app 👍
                                                                <?php
         > Console
                                                                namespace App\Http\Controllers;
         > Exceptions

✓ Http.

                                                                use Illuminate\Http\Request;

∨ Controllers

                                                               use App\Plot;
           Controller.php
                                                                class PlotController extends Controller
           PlotController.php
                                                           8
船
                                                           9
           > Middleware
                                                          10
          Kernel.php
                                                          11
                                                          12
          Ruyer.php
          House.php
          Plot.php
          Seller.php
```

➤ In my case, **Plot** is my model name.

#### Step 3:

The create() function is given below which is invoked when the URL is typed in the browser. This function displays the create webpage. **Add this function in PlotController**.

```
public function create() {
        return view ("plot/add");
    }
```

```
PlotController.php
 EXPLORER
                                                                                            m web.php
                                                                                                              💏 add.php
LAND_PP
                                                  app > Http > Controllers > 🐏 PlotController.php
                                                         <?php
  > Exceptions

→ Http

                                                     3
                                                         namespace App\Http\Controllers;

∨ Controllers

                                                         use Illuminate\Http\Request;
                                                         use App\Plot;
    PlotController.php
                                                         class PlotController extends Controller
   Kernel.php
                                                     9 \( \{
  > Models
                                                    10
  > Providers
                                                              public function create() {
                                                    11 ~
                                                                   return view ("plot/add");
 > bootstrap
                                                    12
                                                    13
 > config
                                                    14
 > database
                                                    15
 > public

√ resources

  > css
  > js
  > lang

√ views

∨ plot •

    💏 add.
   welcome.blade.php
> OUTLINE
```

#### (Adding Route)

# **Step 4:**

#### **Adding Webpage-based Route**

To achieve this, we add the Route::get() function in resources > web.php file.

In my case:

Route::get('plot/add,'App\Http\Controllers\PlotController@create');

```
EXPLORER
                                             .env
                                                             💏 web.php
                                                                              💏 add.php
LAND_PP
                                             routes > n web.php
resources
                                                1
                                                    <?php
 > css
                                                2
                                                3
                                                    use Illuminate\Support\Facades\Route;
  > js
 > lang
                                                5
 views
                                                6
  ∨ plot
                                                7
                                                     Web Routes
   💏 add.php
                                                8
  m welcome.blade.php
                                                9
                                               10
                                                     Here is where you can register web routes for your application. These
 ✓ routes
                                                     | routes are loaded by the RouteServiceProvider within a group which
 🗬 api.php
                                               12
                                                    contains the "web" middleware group. Now create something great!
 en channels.php
                                               13
 ensole.php
                                                                                                     This create calls create
                                               14
 📅 web.php
                                               15
                                                                                                     function which is
                                               16
                                                    Route::get('/', function () {
                                                                                                     Controller (PlotController
> tests
                                               17
                                                        return view('welcome');
                                               18
                                                    });*/
> vendor
                                               19
.editorconfig
                                                    Route::get('plot/add','App\Http\Controllers\PlotController@create');
                                               20
.env
.env.example
  .gitattributes
```

### **Step 5:**

Route is added, now open your browser and write this Url.

- o <a href="http://localhost/Land">http://localhost/Land</a> pp/public/plot/add
- In my case project folder name is Land\_pp (located in C:\xampp\htdocs\Land\_pp)

