**Form handling in php**

**Task no 01 Creating html form**

<!DOCTYPE html>

<html lang="en">

<head>

<style>

.form-design{

    position:absolute;

    top: 15vh;

    background: #fff;

    padding: 60px;

    border-radius: 10px;

    box-shadow: 0px 0px 10px 0px black;

}

</style>

    <title>Vehicle Verification</title>

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css" integrity="sha384-Vkoo8x4CGsO3+Hhxv8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q9Ifjh" crossorigin="anonymous">

</head>

<body>

<a href="{{url('service')}}"><button type="button" class="btn btn-primary btn-lg" style="margin-left:20px;margin-top:50px">Back</button></a>

<section class="container-fluid">

<section class="row justify-content-center">

<section class="col-12 col-sm-6 col-md-3"></section>

<form class="form-design" action="{{action('vehiclecontroller@store')}}" method="post" enctype="multipart/form-data">

<center><h2>Online Vehicle Verification</h2></center>

<br><br>

<br>

@if(count($errors) > 0)

<ul>

@foreach($errors->all() as $error)

<div class="alert alert-danger" role="alert">{{$error}}</div>

@endforeach

</ul>

@endif

@if(\Session::has('success'))

<div class="alert alert-success" role="alert">

<p>{{\Session::get('success')}} </p>

</div>

@endif

@csrf

  <div class="row">

    <div class="col">

  <h5> <label for="exampleFormControlInput1">Name</label></h5>

      <input type="text" class="form-control" placeholder="Ali,Usman,Umer,Azeem" name="name">

    </div>

    <div class="col">

    <h5> <label for="exampleFormControlInput1">CNIC</label></h5>

      <input type="text" class="form-control" placeholder="Applicant CNIC" name="cnic">

    </div>

  </div>

  <br>

  <div class="row">

    <div class="col">

    <h5><label for="exampleFormControlInput1">Birthday</label></h5>

      <input type="date" class="form-control" name="dob">

    </div>

    <div class="col">

    <h5><label for="exampleFormControlInput1">Gender</label></h5>

    <div class="form-check">

  <input class="form-check-input" type="radio" name="gender" id="exampleRadios1" value="Male" checked >

  <label class="form-check-label" for="exampleRadios1">

    Male

  </label>

</div>

<div class="form-check">

  <input class="form-check-input" type="radio" name="gender" name="exampleRadios" id="exampleRadios2" value="Female">

  <label class="form-check-label" for="exampleRadios2">

    Female

  </label>

</div>

    </div>

  </div>

<br>

  <div class="row">

    <div class="col">

    <h5> <label for="exampleFormControlInput1">Father Name</label></h5>

      <input type="text" class="form-control" placeholder="Applicant Father Name" name="f\_name">

    </div>

    <div class="col">

    <h5><label for="exampleFormControlInput1">Complete Address</label></h5>

      <input type="text" class="form-control"  name="address" placeholder="Address">

    </div>

  </div>

  <br>

  <div class="row">

    <div class="col">

    <h5><label for="exampleFormControlInput1">Email Address</label></h5>

      <input type="text" class="form-control" placeholder="Email Address" name="email">

    </div>

    <div class="col">

    <h5> <label for="exampleFormControlInput1">Cell Number</label></h5>

      <input type="text" class="form-control" placeholder="Cell Number" name="cell\_no">

    </div>

  </div>

  <br>

  <div class="row">

    <div class="col">

    <h5><label for="exampleFormControlInput1">Vehicle Number</label></h5>

      <input type="text" class="form-control" placeholder="GAK 157 etc" name="vehicle\_no">

    </div>

    <div class="col">

    <h5> <label for="exampleFormControlInput1">Vehicle Detail</label></h5>

      <input type="text" class="form-control" placeholder="Model,Engine Number Etc" name="vehicle\_detail">

    </div>

  </div>

<br>

  <div class="row">

  <div class="col">

<h5> <label for="exampleFormControlInput1">Select District</label>

    <select class="custom-select" name="district">

  <option value="Gujranwala">Gujranwala</option>

</select>

<br><br><br>

 <center><h3>Compulsary Items</h3></center>

<br>

<div class="row">

<div class="col">

<h5><label for="exampleFormControlInput1">Applicant CNIC $ Vehicle Original Documents Front & Back Pic</label></h5>

    <input type="file" class="form-control" name="pic[]" multiple>

    </div>

</div>

    <br><br>

<button type="submit" class="btn btn-primary btn-block">Submit Data</button>

<!-- Button trigger modal -->

<button type="button" class="btn btn-primary btn-block" data-toggle="modal" data-target=".bd-example-modal-lg">

  Learn how to Registration online Vehicle Verification!

</button>

</form>

</section>

</section>

<script src="https://code.jquery.com/jquery-3.4.1.slim.min.js" integrity="sha384-J6qa4849blE2+poT4WnyKhv5vZF5SrPo0iEjwBvKU7imGFAV0wwj1yYfoRSJoZ+n" crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js" integrity="sha384-Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo" crossorigin="anonymous"></script>

<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js" integrity="sha384-wfSDF2E50Y2D1uUdj0O3uMBJnjuUD4Ih7YwaYd1iqfktj0Uod8GCExl3Og8ifwB6" crossorigin="anonymous"></script>

</body>

</html>

<!-- Large modal -->

<div class="modal fade bd-example-modal-lg" tabindex="-1" role="dialog" aria-labelledby="myLargeModalLabel" aria-hidden="true">

  <div class="modal-dialog modal-lg">

    <div class="modal-content">

    <div class="embed-responsive embed-responsive-21by9">

    <iframe width="560" height="315" src="https://www.youtube.com/embed/faZ-aqlTZV0" frameborder="0" allow="accelerometer; autoplay; encrypted-media; gyroscope; picture-in-picture" allowfullscreen></iframe>

</div>

    </div>

  </div>

</div>

**Task no 02 $\_REQUEST variable, $\_GET variable, $\_POST variable**

Route::get('/', function () {

    return view('welcome');

});

route::post('update','insertData@update');

<form class="form-design" action="{{action('insertData@store')}}" method="post" enctype="multipart/form-data">

**Task no 03 Getting form values with $\_REQUEST, $\_GET, $\_POST**

Using this method we get the request, get and post value

@extends('AdminSide/adminMasterPage/masterPage')

@section('number13')

<!DOCTYPE html>

<html lang="en">

<head>

<link rel="stylesheet" href="css/bootstrap.min.css" integrity="sha384-Vkoo8x4CGsO3+Hhxv8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q9Ifjh" crossorigin="anonymous">

    <title>Vehicle Verification</title>

</head>

<body>

<div class="row">

<div class="col-md-12">

<br>

<h3 align="center">Vehicle Verification Data</h3><br>

<center><table class="table table-hover table-dark" style="width:95%"  height="auto"></center>

  <thead>

  @if(\Session::has('success'))

<div class="alert alert-danger">

<p>{{\Session::get('success')}} </p>

</div>

@endif

    <tr>

    <th scope="col">#</th>

    <th scope="col">CNIC</th>

    <th scope="col">Name</th>

    <th scope="col">Father Name</th>

    <th scope="col">DOB</th>

    <th scope="col">Address</th>

    <th scope="col">District</th>

    <th scope="col">Cell No</th>

    <th scope="col">Vehicle No</th>

    <th scope="col">Vehicle Detail</th>

    <th scope="col">Apply\_Date</th>

    <th>Action</th>

    </tr>

  </thead>

  <tbody>

@foreach($students as $row)

<tr>

<td>{{$row['id']}}</td>

<td>{{$row['cnic']}}</td>

<td>{{$row['name']}}</td>

<td>{{$row['f\_name']}}</td>

<td>{{$row['dob']}}</td>

<td>{{$row['address']}}</td>

<td>{{$row['district']}}</td>

<td>{{$row['cell\_no']}}</td>

<td>{{$row['vehicle\_no']}}</td>

<td>{{$row['vehicle\_detail']}}</td>

<td>{{$row['apply\_date']}}</td>

<td>

<form method="post" action="{{action('vehiclecontroller@destroy', $row['id'])}}">

@csrf

<input type="hidden" name="\_method" value="DELETE">

<button type="submit" class="btn btn-danger" >Reject</button>

</form>

</td>

<td>

<a href="{{ action ('vehiclecontroller@edit', $row ['id'])}}"><button type="submit" class="btn btn-success" >Report</button></a>

</td>

<td>

<a href="{{action ('vehicleStatusC@show', $row ['id'])}}"><button type="submit" class="btn btn-success"> Verify </span></button></a>

</td>

<td>

<a href="{{action ('vehicleStatusC@edit', $row ['id'])}}"><button type="submit" class="btn btn-info">Status</button></a>

</td>

</tr>

@endforeach

</tbody>

</table>

</div>

</div>

</body>

</html>

@endsection

**Task no 04 Validating form data**

We validate the form data using this function and code

public function store(Request $request)

    {

        $this->validate($request, [

            'name' => 'required|alpha',

           'cnic' => 'required|digits:13',

            'f\_name' => 'required|string',

            'email' => 'required|email|ends\_with:.com|unique:App\affidavitModel,email',

            'cell\_no' => 'required|max:11|min:11',

            'address' => 'required|string',

            'dob' => 'required|date',

             'gender' => 'required',

             'whitness\_1n' => 'required|string',

             'whitness\_1f' => 'required|string',

            'whitness\_2n' => 'required|string',

            'whitness\_2f' => 'required|string',

             'affidavit\_purpose' => 'required',

             'receipt' => 'required|image|mimes:jpeg,png,jpg,gif|max:2048'

        ],[

            'name.alpha' => 'Applicant Name Must be Alphabetic Character Only',

            'name.required' => 'Please Enter Applicant Name',

            'cnic.required' => 'Please Enter Applicant CNIC Number',

            'cnic.digits' => 'Please Enter 13 Digits Applicant CNIC Number',

            'f\_name.required' => 'Please Enter Applicant Father Name',

            'email.required' => 'Please Enter Applicant Email Address',

            'email.unique' => 'This Email Address is Already Taken',

            'cell\_no.required' => 'Please Enter Applicant Cell Number',

            'cell\_no.max' => 'Please Enter Applicant 11 Digits Cell Number',

            'address.required' => 'Please Enter Applicant Home Address',

            'dob.required' => 'Please Enter Applicant Date Of Birth',

            'gender.required' => 'Please Select Applicant Gender',

            'whitness\_1n.required' => 'Please Enter First Whitness Name',

            'whitness\_1f.required' => 'Please Enter First Whitness Father Name',

            'whitness\_2n.required' => 'Please Enter Second Whitness Name',

            'whitness\_2f.required' => 'Please Enter Second Whitness Father Name',

            'receipt.required' => 'Please Upload CNIC Pic'

        ]);

**Task no 05 Send data to other php files**

In Laravel framework we send data to another file using this function

public function index()

    {

        $students = affidavitModel::all()->toArray();

        return view('AdminSide.Affidavit Report.showAffidavitdata', compact ('students'));

    }

**Task no 06 Securing the form with htmlspecialchars()**

In Laravel framework form securing in this word called token

@csrf

**Task no 07 Uploading files**

// single image upload

if($request->hasfile('pic')){

    $file = $request->file('pic');

    $extension= $file->getClientOriginalExtension();

    $filename= time() . '.' . $extension;

    $file->move('PFC/Character\_Certificate/Applicant\_pic', $filename);

    $student->pic= $filename;

}

else{

    echo "pic not upload";

}

// end single image upload

**Task no 08 displaying uploaded files**

First add model in controller

public function index()

    {

        $students = charactermodel::all()->toArray();

        return view('AdminSide.Character\_Certificate.showcharacterdata', compact ('students'));

    }

Then give a path of the pic where pic can save

<th> <img src="{{ asset('PFC/Character\_Certificate/Applicant\_pic/' . $row['pic']) }}" alt="pic" width="90px" height="60px">   </th>