CODING

**Introduction**

It is a process that leads from an original formulation of a computing problem to executable computer programs. Programming involves activities such as analysis, developing understanding, generating algorithms, verification of requirements of algorithms including their correctness and resources consumption, and implementation (commonly referred to as coding) of algorithms in a target programming language

**Programming Style**

**Design:** HTML,CSS

**Coding**: PHP

**Validation**: JAVA Script

**Coding**

1. **web.php (Route Page):**

<?php

/\*

|--------------------------------------------------------------------------

| Web Routes

|--------------------------------------------------------------------------

|

| Here is where you can register web routes for your application. These

| routes are loaded by the RouteServiceProvider within a group which

| contains the "web" middleware group. Now create something great!

|

\*/

Route::get('/about', function () {

return view('about');

});

Route::get('/contact', function () {

return view('contact');

});

Route::get('/checkout', function () {

return view('checkout');

});

//Index Controller

Route::get('/','IndexController@IndexCtrl');

//Dashboard Controller

Route::get('/dashboard','DashboardController@dashboardctrl');

//Customer Controller

Route::get('/customerlogin','customcontroller@customerloginwindow');

Route::get('/customerregister','customcontroller@customerregisterwindow');

Route::get('/customerloginforgot','customcontroller@forgotpassword');

Route::get('/customer','customcontroller@customerctrl');

Route::post('/customer','customcontroller@customerinsertctrl');

Route::get('/viewcustomer','customcontroller@viewcustomerctrl');

Route::get('/deletecustomer','customcontroller@deletecustomerctrl');

Route::get('/editcustomer','customcontroller@editcustomerctrl');

//Admin Controller

Route::get('/adminlogin','AdminController@adminloginwindow');

Route::get('/employee','AdminController@employeectrl');

Route::post('/employee','AdminController@employeeinsertctrl');

Route::get('/viewemployee','AdminController@viewemployeectrl');

Route::get('/deleteemployee','AdminController@deleteemployeectrl');

Route::get('/editemployee','AdminController@editemployeectrl');

//Bill

Route::get('/bill','billController@billctrl');

Route::post('/bill','billController@billinsertctrl');

Route::get('/viewbill','billController@viewbillctrl');

Route::get('/deletebill','billController@deletebillctrl');

//software category

Route::get('/category','categoryController@categoryctrl');

Route::post('/category','categoryController@categoryinsertctrl');

Route::get('/viewcategory','categoryController@viewcategoryctrl');

Route::get('/deletecategory','categoryController@deletecategoryctrl');

Route::get('/editcategory','categoryController@editcategoryctrl');

//license controller

Route::get('/license','licenseController@licensectrl');

Route::post('/license','licenseController@licenseinsertctrl');

Route::get('/viewlicense','licenseController@viewlicensectrl');

Route::get('/deletelicense','licenseController@deletelicensectrl');

//purchase controller

Route::get('/purchase','purchaseController@purchasectrl');

Route::post('/purchase','purchaseController@purchaseinsertctrl');

Route::get('/viewpurchase','purchaseController@viewpurchasectrl');

Route::get('/deletepurchase','purchaseController@deletepurchasectrl');

Route::get('/editpurchase','purchaseController@editpurchasectrl');

//software controller

Route::get('/software','softwareController@softwarectrl');

Route::post('/software','softwareController@softwareinsertctrl');

Route::get('/viewsoftware','softwareController@viewsoftwarectrl');

Route::get('/displaysoftware','softwareController@displaysoftwarectrl');

Route::get('/deletesoftware','softwareController@deletesoftwarectrl');

Route::get('/editsoftware','softwareController@editsoftwarectrl');

Auth::routes();

Route::get('/home', 'HomeController@index')->name('home');

1. **.env**

APP\_NAME=Laravel

APP\_ENV=local

APP\_KEY=base64:qfICoNM8lJsvuRbdxQ5XxjX7hN7ZsM1ygU2/ZgXzYqY=

APP\_DEBUG=true

APP\_URL=http://localhost

LOG\_CHANNEL=stack

DB\_CONNECTION=mysql

DB\_HOST=127.0.0.1

DB\_PORT=3306

DB\_DATABASE=softwareguard

DB\_USERNAME=root

DB\_PASSWORD=

BROADCAST\_DRIVER=log

CACHE\_DRIVER=file

QUEUE\_CONNECTION=sync

SESSION\_DRIVER=file

SESSION\_LIFETIME=120

REDIS\_HOST=127.0.0.1

REDIS\_PASSWORD=null

REDIS\_PORT=6379

MAIL\_DRIVER=smtp

MAIL\_HOST=mail.gmail.com

MAIL\_PORT=26

MAIL\_USERNAME=softwareguard@gmail.com

MAIL\_PASSWORD=8WuxB9tzf6rMLDj

MAIL\_ENCRYPTION=null

AWS\_ACCESS\_KEY\_ID=

AWS\_SECRET\_ACCESS\_KEY=

AWS\_DEFAULT\_REGION=us-east-1

AWS\_BUCKET=

PUSHER\_APP\_ID=

PUSHER\_APP\_KEY=

PUSHER\_APP\_SECRET=

PUSHER\_APP\_CLUSTER=mt1

MIX\_PUSHER\_APP\_KEY="${PUSHER\_APP\_KEY}"

MIX\_PUSHER\_APP\_CLUSTER="${PUSHER\_APP\_CLUSTER}"

1. **customerlogin.blade.php**

@include('header')

<!-- Page Parallax Header -->

<div class="ws-parallax-header parallax-window" data-parallax="scroll" data-image-src="assets/img/backgrounds/shop-header-bg.jpg">

<div class="ws-overlay">

<div class="ws-parallax-caption">

<div class="ws-parallax-holder">

<h1>Customer Login Window</h1>

</div>

</div>

</div>

</div>

<!-- End Page Parallax Header -->

<!-- Page Content -->

<div class="container ws-page-container">

<div class="row">

<div class="col-sm-6 col-sm-offset-3">

<!-- Login Form -->

<form class="ws-login-form">

<!-- Email -->

<div class="form-group">

<label class="control-label"> Email Adress <span>\*</span></label>

<input type="email" name="customeremail" id="customeremail" class="form-control">

</div>

<!-- Password -->

<div class="form-group">

<label class="control-label">Password <span>\*</span></label>

<input type="password" name="customerpassword" id="customerpassword" class="form-control">

</div>

<!-- Checkbox -->

<div class="pull-right">

<div class="ws-forgot-pass">

<a href="/customerloginforgot">Forgot your password ?</a>

</div>

</div>

<div class="clearfix"></div>

<div class="padding-top-x50"></div>

<!-- Button -->

<input type="submit" name="btncustomerlogin" name="btncustomerlogin" class="btn ws-btn-fullwidth" value="Sign in">

</form>

<!-- End Login Form -->

<!-- Register Form-->

<div class="ws-register-form">

<!-- Register Modal -->

<div class="modal fade" id="ws-register-modal" tabindex="-1">

<div class="modal-dialog">

<div class="modal-content">

<div class="modal-header">

<a class="close" data-dismiss="modal" aria-label="Close"><span aria-hidden="true">&times;</span></a>

</div>

<div class="row">

<div class="col-sm-10 col-sm-offset-1">

<div class="modal-body">

<!-- Register Form -->

<form class="ws-register-form">

<h3>Create An Account</h3>

<div class="ws-separator"></div>

<!-- Name -->

<div class="form-group">

<label class="control-label">Name <span>\*</span></label>

<input type="text" name="customername" id="customername" class="form-control">

</div>

<!-- Email -->

<div class="form-group">

<label class="control-label">Email Adress <span>\*</span></label>

<input type="email" name="customeremail" id="customeremail" class="form-control">

</div>

<!-- Email -->

<div class="form-group">

<label class="control-label">Mobile No.<span>\*</span></label>

<input type="number" name="mobno" id="mobno" class="form-control">

</div>

<!-- Password -->

<div class="form-group">

<label class="control-label">Password <span>\*</span></label>

<input type="password" name="customerpassword" id="customerpassword" class="form-control">

</div>

<div class="form-group">

<label class="control-label">Confirm Password <span>\*</span></label>

<input type="password" name="customercpassword" id="customercpassword" class="form-control">

</div>

<div class="form-group">

<div class="checkbox">

<label>

<input type="checkbox">I accept the <a href="faq.html">Terms of Service</a>

</label>

</div>

</div>

</form>

</div>

<div class="modal-footer">

<!-- Button -->

<input type="submit" name="btnregister" name="btnregister" id="btnregister" class="btn ws-btn-fullwidth" value="Create Account">

<br>

</div>

</div>

</div>

</div>

</div>

</div>

<!-- End Register Modal -->

</div>

<!-- End Register -->

</div>

</div>

</div>

<!-- End Page Content -->

@include('footer')

1. **software.blade.php**

@include('header')

<?php

if((isset($data['insid']) ? $data['insid'] : '0') != 0)

{

echo "<script>alert('New software Record inserted successfully..');</script>";

echo "<script>window.location='/software';</script>";

}

?>

<!-- Page Parallax Header -->

<div class="ws-parallax-header parallax-window" data-parallax="scroll" data-image-src="assets/img/backgrounds/shop-header-bg.jpg">

<div class="ws-overlay">

<div class="ws-parallax-caption">

<div class="ws-parallax-holder">

<h1>Add Software</h1>

</div>

</div>

</div>

</div>

<!-- End Page Parallax Header -->

<!-- Page Content -->

<div class="container ws-page-container">

<div class="row">

<div class="ws-checkout-content clearfix">

<!-- Cart Total -->

<div class="col-sm-2"></div>

<div class="col-sm-8">

<div class="ws-checkout-order">

<h2>Add New Software Products</h2>

<!-- Form Inputs -->

<form method="post" action="/software" enctype="multipart/form-data" >

<input type="hidden" name="\_token" value="<?php echo csrf\_token(); ?>" >

<!-- Name -->

<div class="ws-checkout-first-row">

<div class="col-no-p ws-checkout-input col-sm-12">

<label>software category<span> \* </span></label><br>

<select name="softwarecategoryid" id="softwarecategoryid" class="form-control" >

<option value="">Select Software Category</option>

@foreach($data['SelectCategory'] as $rec)

<option value="{{ $rec->softwarecategoryid }}">{{ $rec->softwarecategoryname }}</option>

@endforeach

</select>

</div>

</div>

<div class="ws-checkout-first-row">

<div class="col-no-p ws-checkout-input col-sm-12">

<label>software title <span> \* </span></label><br>

<input type="text" name="softwaretitle" id="softwaretitle" class="form-control">

</div>

</div>

<div class="ws-checkout-first-row">

<div class="col-no-p ws-checkout-input col-sm-12">

<label>Software Description<span> \* </span></label><br>

<textarea name="softwaredescription" id="softwaredescription" class="form-control"></textarea>

</div>

</div>

<div class="ws-checkout-first-row">

<div class="col-no-p ws-checkout-input col-sm-12">

<label>Software icon <span> \* </span></label><br>

<input type="file" name="softwareicon" id="softwareicon" class="form-control" accept="image/\*">

</div>

</div>

<div class="ws-checkout-first-row">

<div class="col-no-p ws-checkout-input col-sm-12">

<label>Software cost <span> \* </span></label><br>

<input type="text" name="softwarecost" id="softwarecost" class="form-control">

</div>

</div>

<div class="ws-checkout-first-row">

<div class="col-no-p ws-checkout-input col-sm-12">

<label>Download link <span> \* </span></label><br>

<input type="file" name="downloadlink" id="downloadlink" class="form-control">

</div>

</div>

<div class="ws-checkout-first-row">

<div class="col-no-p ws-checkout-input col-sm-12">

<label> Status <span> \* </span></label><br>

<select name="status" id="status" class="form-control">

<option value="">Select Status</option>

<?php

$arr = array("Active","Inactive");

foreach($arr as $val)

{

echo "<option value='$val'>$val</option>";

}

?>

</select>

</div>

</div>

<center><input type="submit" name="submit" id="submit" class="btn ws-btn-fullwidth " value="Submit" style="width: 150px;"></center>

</form>

</div>

</div>

<div class="col-sm-2"></div>

</div>

</div>

</div>

<!-- End Page Content -->

@include('footer')

1. **viewlicense.blade.php**

@include('header')

<?php

if((isset($data['delid']) ? $data['delid'] : '0') != 0)

{

echo "<script>alert('bill Record Deleted successfully..');</script>";

echo "<script>window.location='/viewlicense';</script>";

}

?>

<!-- Page Parallax Header -->

<div class="ws-parallax-header parallax-window" data-parallax="scroll" data-image-src="assets/img/backgrounds/shop-header-bg.jpg">

<div class="ws-overlay">

<div class="ws-parallax-caption">

<div class="ws-parallax-holder">

<h1>Licence details</h1>

</div>

</div>

</div>

</div>

<!-- End Page Parallax Header -->

<!-- Page Content -->

<div class="container ws-page-container">

<div class="row">

<div class="ws-checkout-content clearfix">

<!-- Cart Total -->

<div class="col-sm-12">

<div class="ws-checkout-order">

<h2>Licence details...</h2>

<table id="datatable" class="table table-striped table-bordered">

<thead>

<tr>

<th>purchase id</th>

<th>license code</th>

<th>activation code</th>

<th>activation date</th>

<th>expiry date</th>

<th>Action</th>

</tr>

</thead>

<tbody>

@foreach($data['viewrecords'] as $rec)

<tr>

<td>{{ $rec->purchase\_id }}</td>

<td>{{ $rec->license\_code }}</td>

<td>{{ $rec->activation\_code }}</td>

<td>{{ $rec->activation\_date }}</td>

<td>{{ $rec->expiry\_date }}</td>

<td><a href='/editlicense?editid={{ $rec->license\_id }}' class='btn-info' style="padding:5px;"> Edit </a>

<a href='/deletelicense?delid={{ $rec->license\_id }}' class=" btn-danger" style="padding: 5px;" onclick="return confirmdelete()">Delete</a></td>

</tr>

@endforeach

</tbody>

</table>

</div>

</div>

</div>

</div>

</div>

<!-- End Page Content -->

@include('footer')

<script>

$(document).ready( function () {

$('#datatable').DataTable();

} );

</script>

<script>

function confirmdelete()

{

if(confirm("Are you sure want to delete this record?") == true)

{

return true;

}

else

{

return false;

}

}

</script>

1. **licensecontroller.php**

<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

use Illuminate\Routing\Controller as BaseController;

use Illuminate\Foundation\Validation\ValidatesRequests;

use Illuminate\Foundation\Auth\Access\AuthorizesRequests;

use Illuminate\Foundation\Auth\Access\AuthorizesResources;

use Illuminate\Foundation\Auth\User as Authenticatable;

use DB;

use App\Http\Requests;

use App\Http\Controllers\Controller;

use App\Http\Model\licenseModel; //---------------

use Auth;

use Session;

class licenseController extends Controller //---------------

{

public function \_\_construct()

{

$this->license= new licenseModel; //---------------

}

public function licensectrl()

{

return view('license');

}

public function licenseinsertctrl(Request $request)

{

$insid=0;

$data['purchase\_id']=$request->input('purchase\_id');

$data['license\_code']=$request->input('license\_code');

$data['activation\_code']=$request->input('activation\_code');

$data['activation\_date']=$request->input('activation\_date');

$data['expiry\_date']=$request->input('expiry\_date');

$insid=$this->license->ModInsertlicense($data);

$data['insid'] = $insid;

return view('license',compact('data'));

}

public function viewlicensectrl()

{

$data['viewrecords'] = $this->license->ModViewRecords();

return view('viewlicense', compact('data'));

}

public function deletelicensectrl(Request $request)

{

$data['delid'] = $request->input('delid');

$data['Deleterecords'] = $this->license->ModDeleteRecords($data['delid']);

$data['viewrecords'] = $this->license->ModViewRecords();

return view('viewlicense', compact('data'));

}

}

1. **softwarecontroller.php**

<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

use Illuminate\Routing\Controller as BaseController;

use Illuminate\Foundation\Validation\ValidatesRequests;

use Illuminate\Foundation\Auth\Access\AuthorizesRequests;

use Illuminate\Foundation\Auth\Access\AuthorizesResources;

use Illuminate\Foundation\Auth\User as Authenticatable;

use DB;

use App\Http\Requests;

use App\Http\Controllers\Controller;

use App\Http\Model\softwareModel; //---------------

use Auth;

use Session;

class softwareController extends Controller //---------------

{

public function \_\_construct()

{

$this->software= new softwareModel; //---------------

}

public function softwarectrl()

{

$data['SelectCategory']=$this->software->ModSelectCategory();

return view('software',compact('data'));

}

public function softwareinsertctrl(Request $request)

{

$insid=0;

$data['editid']=$request->input('editid');

$data['softwarecategoryid']=$request->input('softwarecategoryid');

$data['softwaretitle']=$request->input('softwaretitle');

$data['softwaredescription']=$request->input('softwaredescription');

$data['softwarecost']=$request->input('softwarecost');

$data['status']=$request->input('status');

//###Coding to Upload Image Starts here $$$///

$image = $request->file('softwareicon');

$data['softwareicon'] = time().'.'.$image->getClientOriginalExtension();

$destinationPath = public\_path('/imgsoftware');

$image->move($destinationPath, $data['softwareicon']);

//###Coding to Upload Image Ends here $$$///

//###Coding to Upload File Starts here $$$///

$image = $request->file('downloadlink');

$data['downloadlink'] = time().'.'.$image->getClientOriginalExtension();

$destinationPath = public\_path('/filessoftware');

$image->move($destinationPath, $data['downloadlink']);

//###Coding to Upload File Ends here $$$///

//Coding to Compress File starts here...

/\*

$zip\_file = 'downloadsoftware.zip'; // Name of our archive to download

// Initializing PHP class

$zip = new \ZipArchive();

$zip->open($zip\_file, \ZipArchive::CREATE | \ZipArchive::OVERWRITE);

$invoice\_file = 'softwarefiles/1581933841.jpg';

// Adding file: second parameter is what will the path inside of the archive

// So it will create another folder called "storage/" inside ZIP, and put the file there.

$zip->addFile(storage\_path($invoice\_file), $invoice\_file);

$zip->close();

// We return the file immediately after download

return response()->download($zip\_file);

\*/

//Coding to Compress File ends here...

$insid=$this->software->ModInsertsoftware($data);

$data['SelectCategory']=$this->software->ModSelectCategory();

$data['insid'] = $insid;

return view('software',compact('data'));

}

public function viewsoftwarectrl()

{

$data['viewrecords'] = $this->software->ModViewRecords();

return view('viewsoftware', compact('data'));

}

public function displaysoftwarectrl(Request $request)

{

$data['softwarecategoryid'] = $request->input('softwarecategoryid');

$data['viewcategoryrecords'] = $this->software->ModSelectCategory();

$data['viewsoftwarerecords'] = $this->software->ModViewsoftRecords($data['softwarecategoryid']);

return view('displaysoftware', compact('data'));

}

public function deletesoftwarectrl(Request $request)

{

$data['delid'] = $request->input('delid');

$data['Deleterecords'] = $this->software->ModDeleteRecords($data['delid']);

$data['viewrecords'] = $this->software->ModViewRecords();

return view('viewsoftware', compact('data'));

}

public function editsoftwarectrl(Request $request)

{

$data['editid'] = $request->input('editid');

$data['Selectrecords'] = $this->software->ModSelectRecords($data['editid']);

return view('software', compact('data'));

}

}

1. **purchasemodel.php**

<?php

namespace App\Http\Model;

use Illuminate\Database\Eloquent\Model;

use DB;

use Auth;

class purchaseModel extends Model

{

public function ModInsertpurchase($id)

{

$data = array('softwareid'=>$id['softwareid'],'billid'=>$id['billid'],'customerid'=>$id['customerid'],'qty'=>$id['qty'],'cost'=>$id['cost'],'status'=>$id['status']);

if($id['editid']== 0)

{

return $insertdetails = DB::table('purchase')->insert($data);

}

else

{

return $insertdetails = DB::table('purchase')->where('purchaseid', $id['editid'])->update($data);

}

}

public function ModViewRecords()

{

return db::table('purchase')->get();

}

public function ModDeleteRecords($delid)

{

return db::table('purchase')->where('purchaseid', '=', $delid)->delete();

}

public function ModSelectRecords($editid)

{

return db::table('purchase')->where('purchaseid', '=', $editid)->first();

}

public function ModSelectSoftware()

{

return db::table('software')->where('status', '=', 'Active')->get();

}

}

?>

1. **customermodel.php**

<?php

namespace App\Http\Model;

use Illuminate\Database\Eloquent\Model;

use DB;

use Auth;

class customerModel extends Model

{

public function ModInsertcustomer($id)

{

$data = array('customername'=>$id['customername'],'email'=>$id['email'],'password'=>$id['password'],'contactno'=>$id['contactno'],'status'=>$id['status']);

if($id['editid']== 0)

{

return $insertdetails = DB::table('customer')->insert($data);

}

else

{

return $insertdetails = DB::table('customer')->where('customerid', $id['editid'])->update($data);

}

}

public function ModViewRecords()

{

return db::table('customer')->get();

}

public function ModDeleteRecords($delid)

{

return db::table('customer')->where('customerid', '=', $delid)->delete();

}

public function ModSelectRecords($editid)

{

return db::table('customer')->where('customerid', '=', $editid)->first();

}

}

?>