ASSIGNMENT COVER SHEET

Submission Date	7 May 2020	
Due Date	7 May 2020	
Student Name & ID	**Name** Jithu Saji Kanichattu	**ID** 18477280
Case Study	**Online Food Takeaway**	

This assignment is my own work:

Your name: **Jithu Saji Kanichattu**

Case Study: **Online Food Takeaway(Coffee Agora)**

Signature: **NR**

Table of Contents

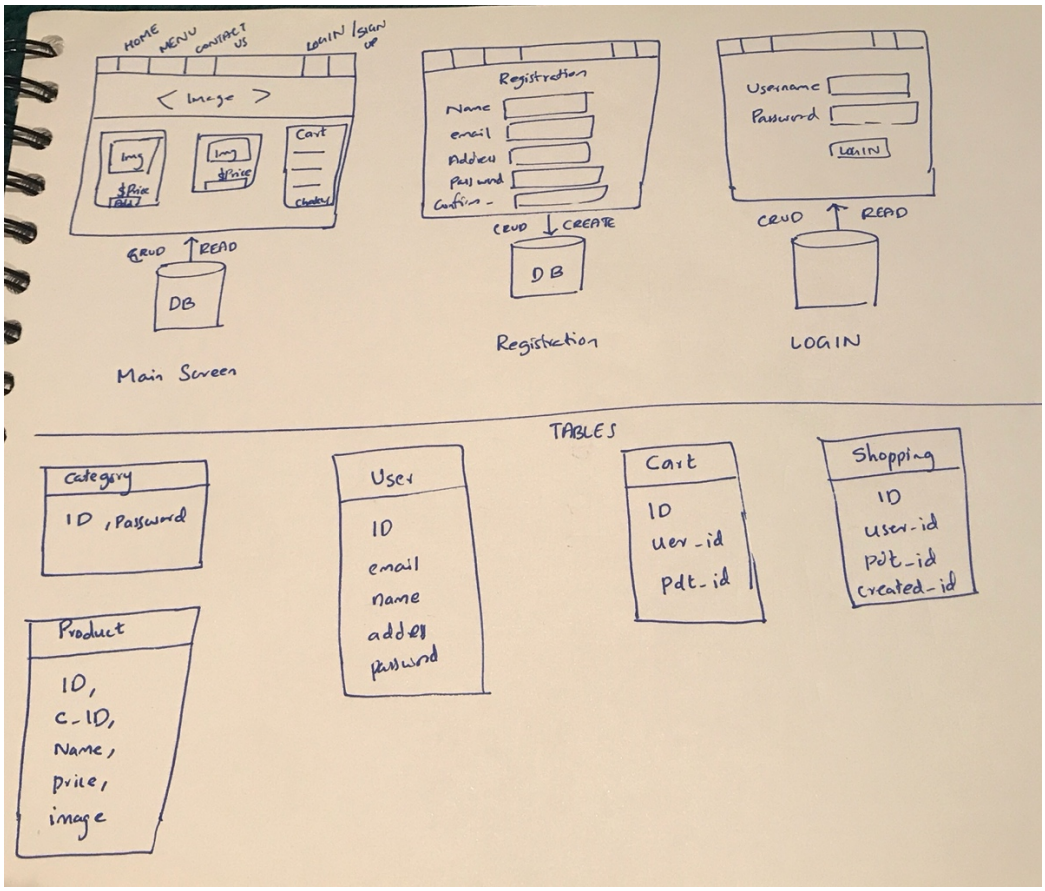
INTRODUCTION

Coffee Agora is a coffee shop with variety of special cuisines of their own and shopping is much easier for the customer via online.

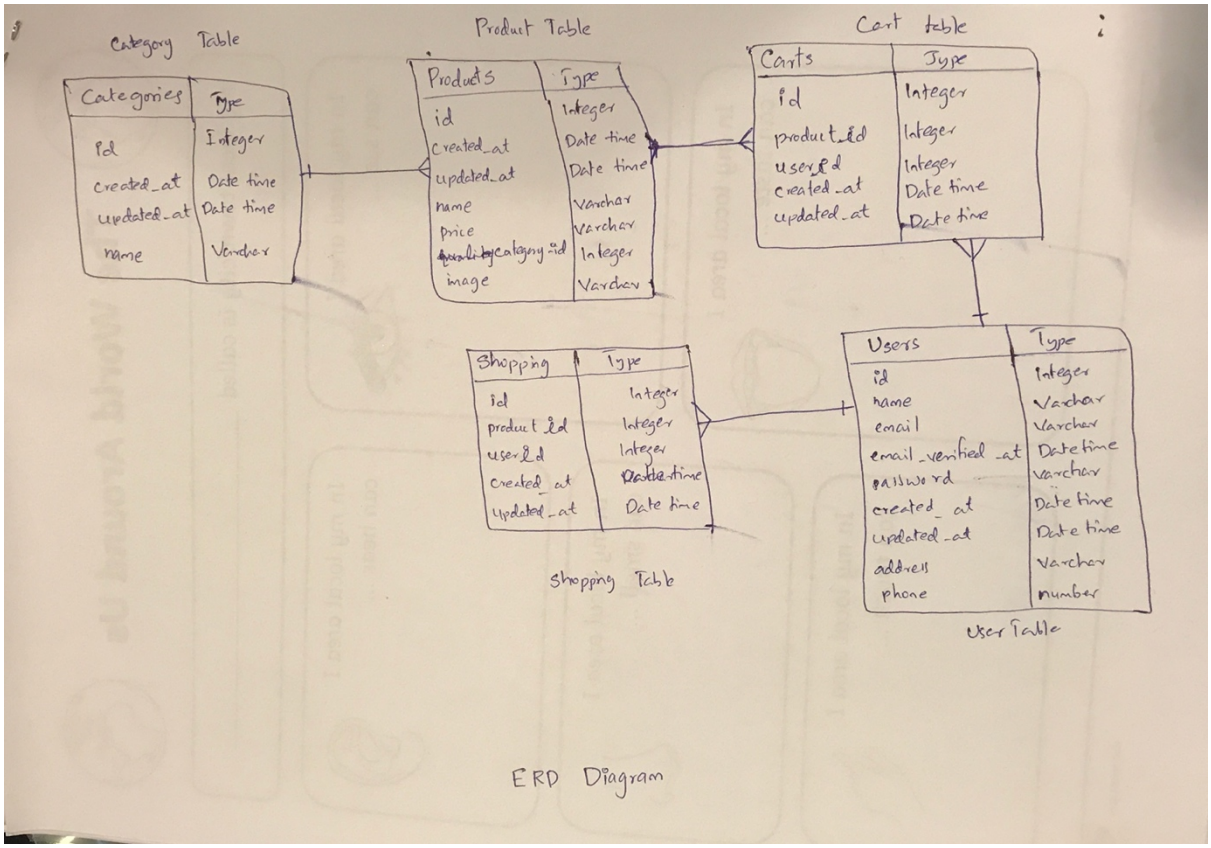
PHP ARTISAN COMMANDS

1. php artisan make: model Category -mc (Model creation)
2. php artisan make: model Product –mc
3. php artisan make: model Cart –mc

Design your Storyboard for your Web Application

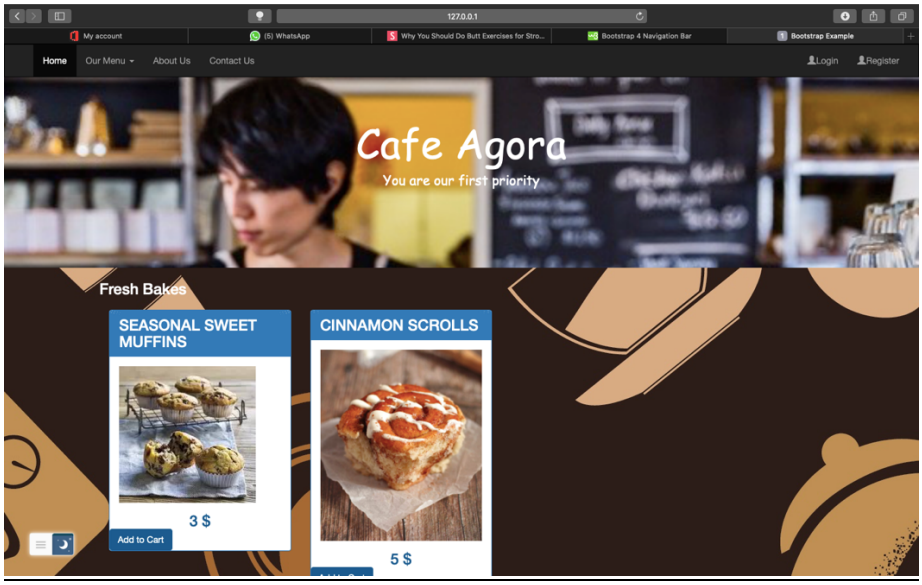


ERD Diagram

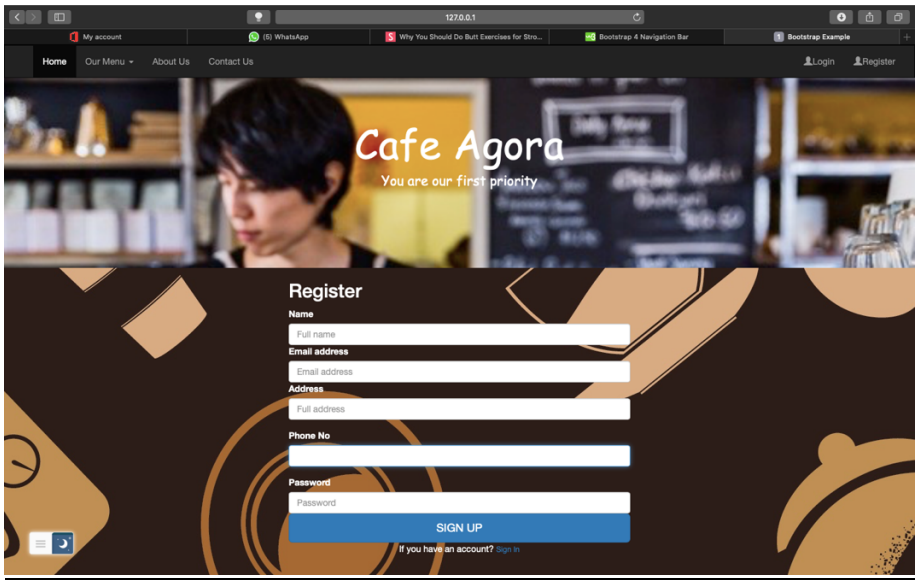

Category Table
Categories
Type
id
Integer
created_at
Date time
updated_at
Date time
name
Varchar
Product Table
Products
Type
id
Integer
created_at
Date time
updated_at
Date time
name
Varchar
price
Varchar
category_id
Integer
image
Varchar
Cart table
Carts
Type
id
Integer
product_id
Integer
user_id
Integer
created_at
Date time
updated_at
Date time
Shopping
Type
id
Integer
product_id
Integer
user_id
Integer
created_at
Date time
updated_at
Date time
Shopping Table
Users
Type
id
Integer
name
Varchar
email
Varchar
email_verified_at
Datetime
password
Varchar
created_at
Date time
updated_at
Date time
address
Varchar
phone
number
User Table
ERD Diagram

Screenshots

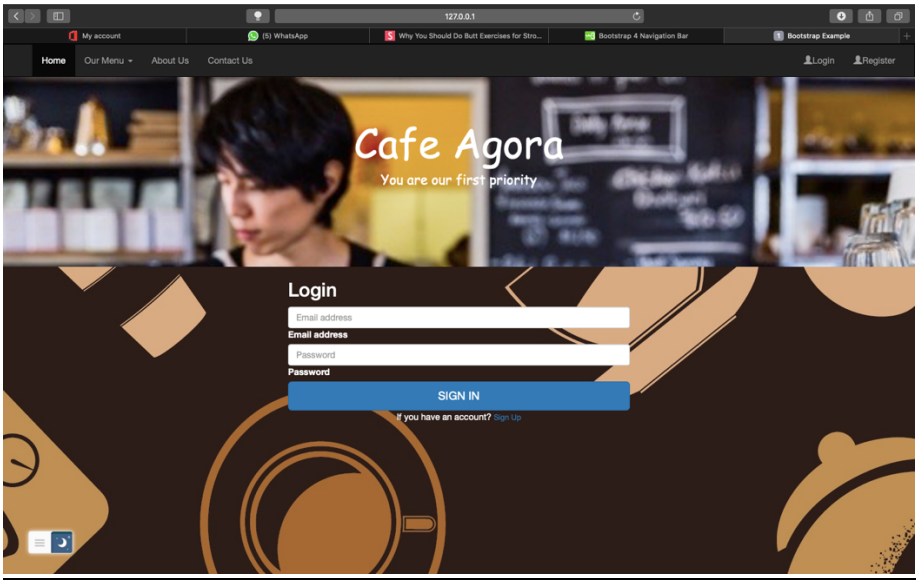
Screenshot of Home Page



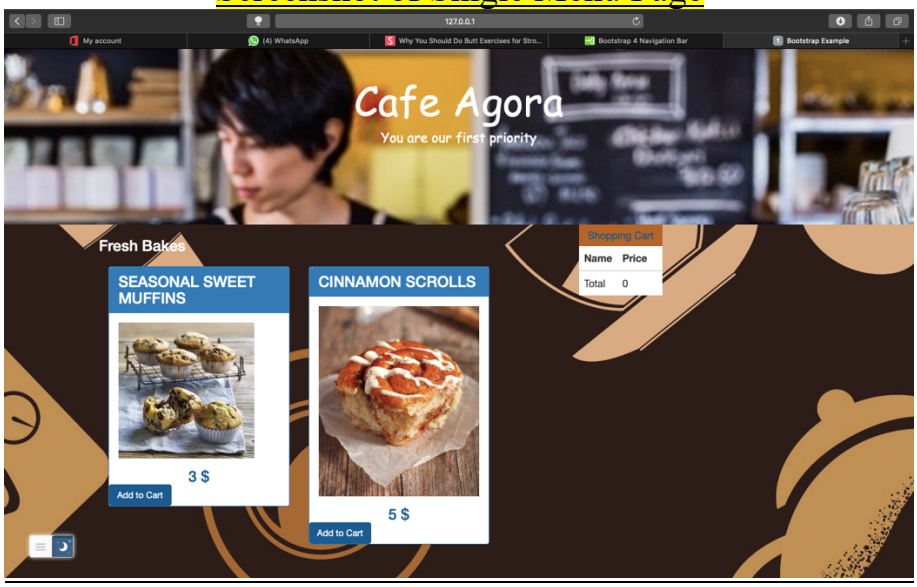
Registration Form



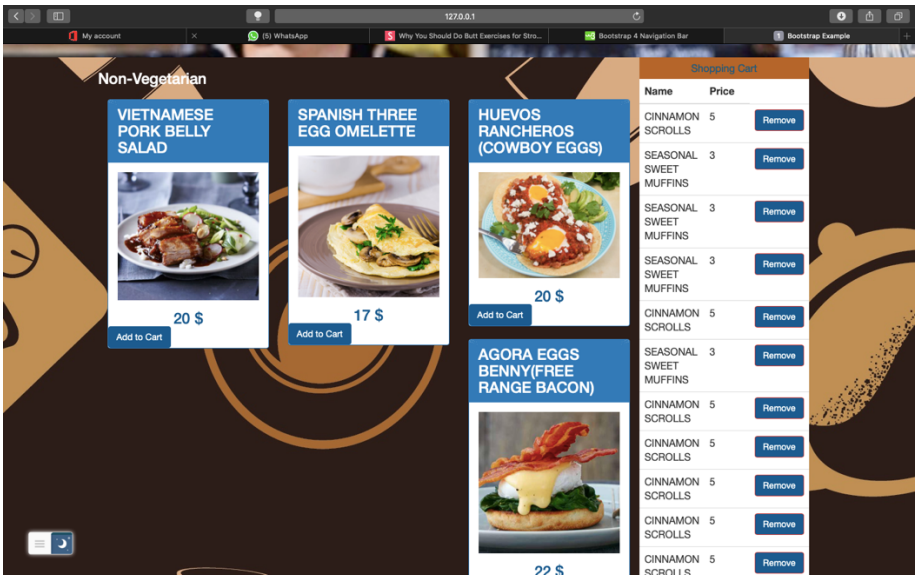
Login Page



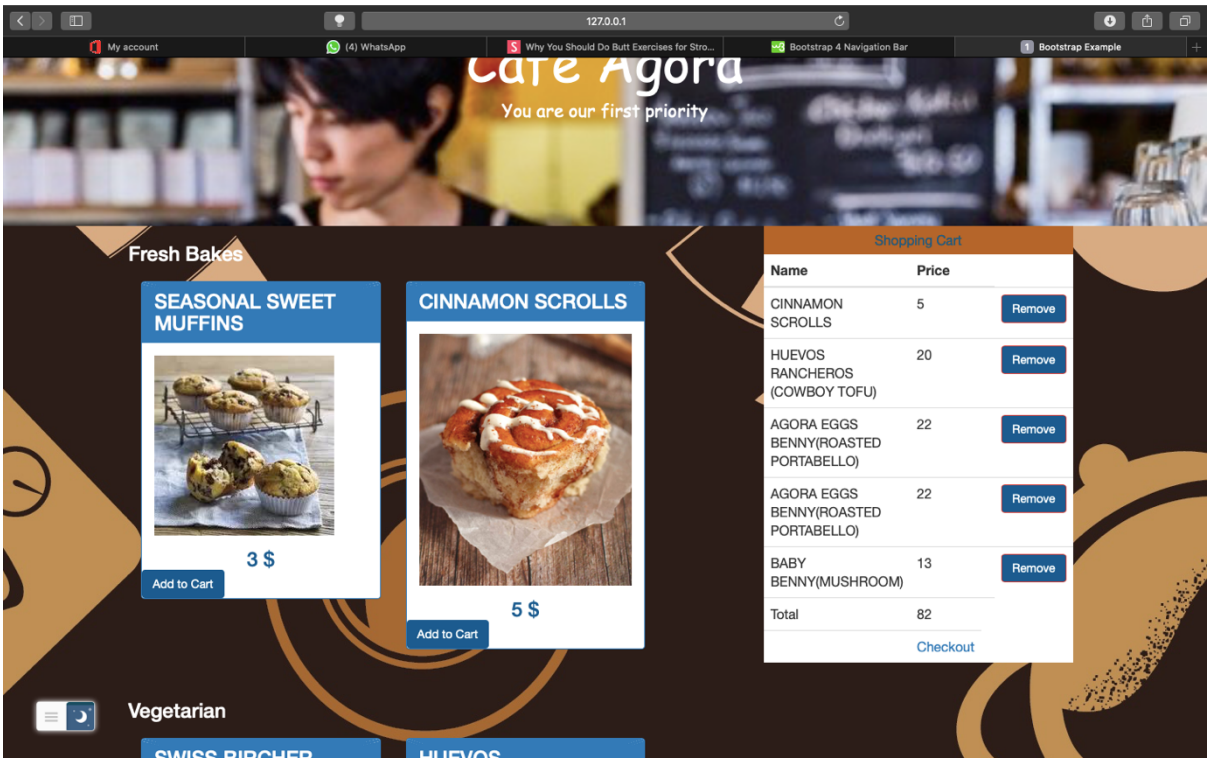
Screenshot of Single Menu Page



Screenshot of Adding to Cart



Screenshot of Cart Page



Screenshots of create categories using php artisan

```
jithusaji@Jithus-MacBook-Air cafe % php artisan make:migration create_categories_table --create categories
Created Migration: 2020_05_10_183223_create_categories_table
jithusaji@Jithus-MacBook-Air cafe %
```

Screenshots of migration of products, carts and shopping table

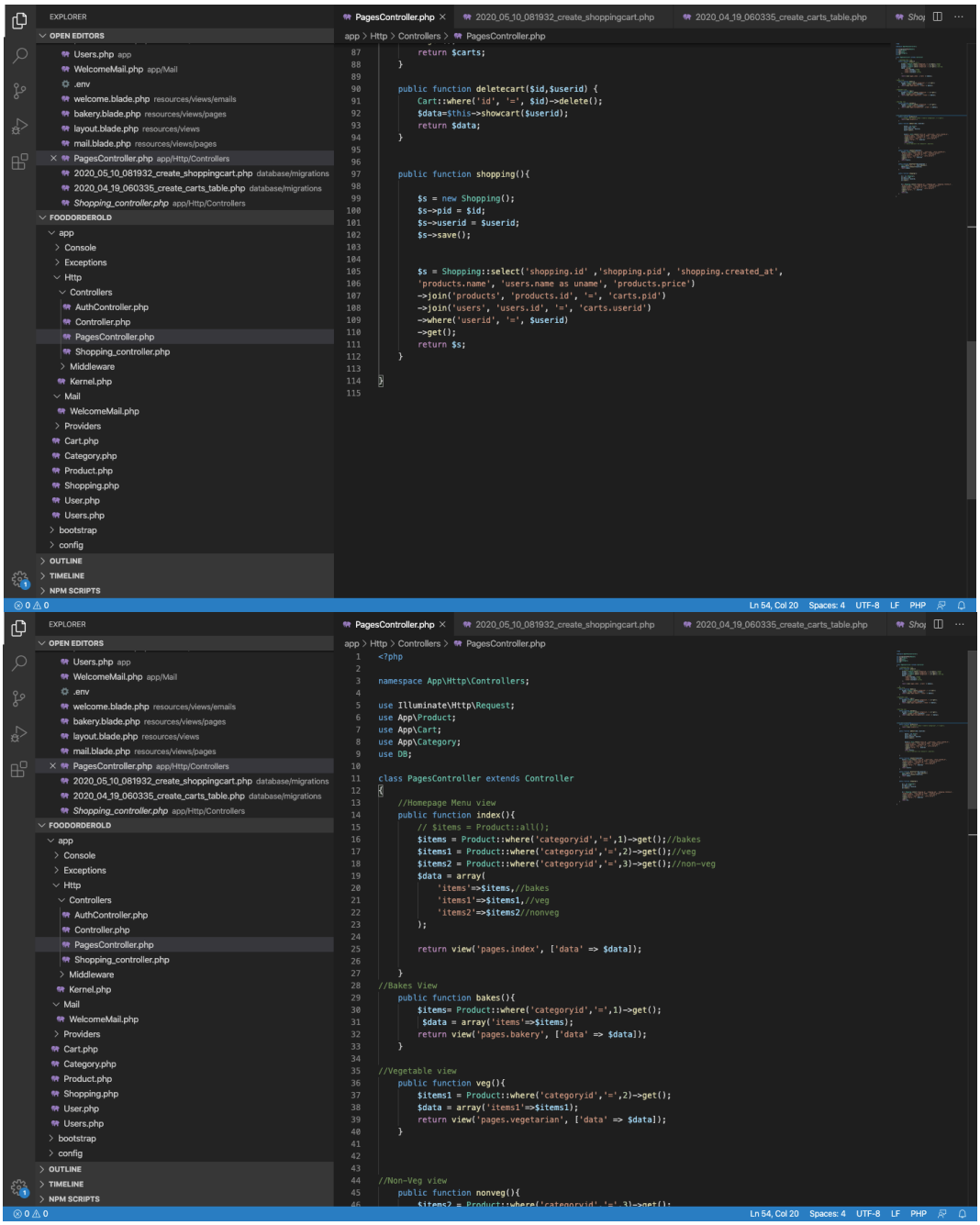
```
jithusaji@Jithus-MacBook-Air cafe % php artisan make:migration create_categories_table --create categories
Created Migration: 2020_05_10_183223_create_categories_table
jithusaji@Jithus-MacBook-Air cafe % php artisan make:migration create_products_table --create products
Created Migration: 2020_05_10_183359_create_products_table
jithusaji@Jithus-MacBook-Air cafe % php artisan make:migration create_carts_table --create carts
Created Migration: 2020_05_10_183434_create_carts_table
^[[A
jithusaji@Jithus-MacBook-Air cafe % php artisan make:migration create_shopping_table --create shopping
Created Migration: 2020_05_10_183507_create_shopping_table
```

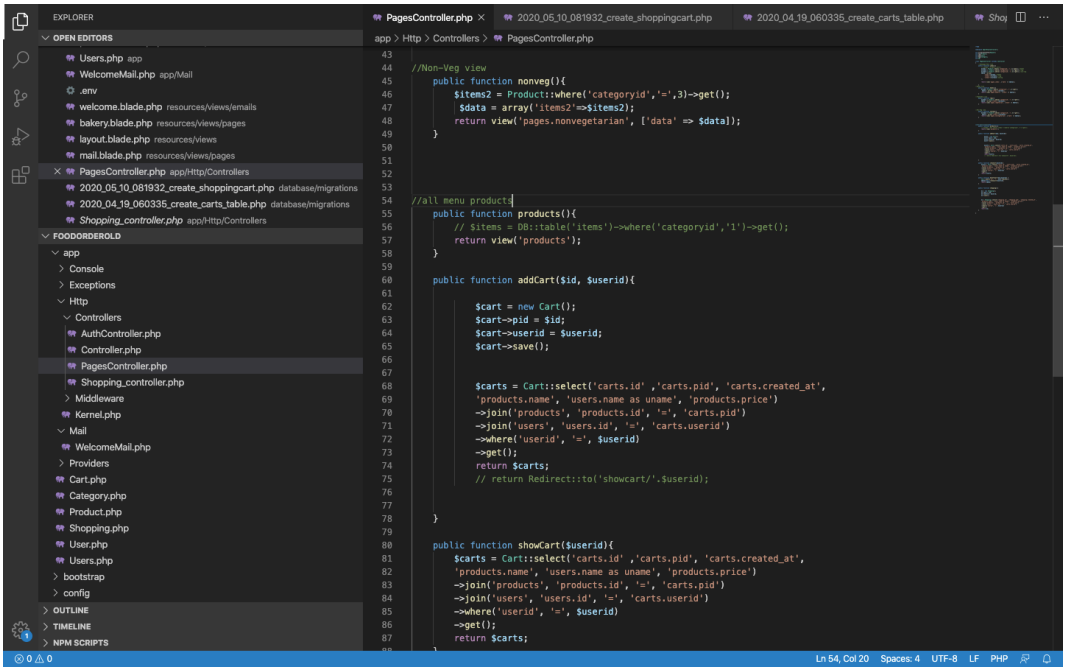
```
jithusaji@Jithus-MacBook-Air cafe % php artisan migrate
Migration table created successfully.
Migrating: 2014_10_12_000000_create_users_table
Migrated:  2014_10_12_000000_create_users_table (0.05 seconds)
Migrating: 2019_08_19_000000_create_failed_jobs_table
Migrated:  2019_08_19_000000_create_failed_jobs_table (0.02 seconds)
Migrating: 2020_05_10_183223_create_categories_table
Migrated:  2020_05_10_183223_create_categories_table (0.02 seconds)
Migrating: 2020_05_10_183359_create_products_table
Migrated:  2020_05_10_183359_create_products_table (0.02 seconds)
Migrating: 2020_05_10_183434_create_carts_table
Migrated:  2020_05_10_183434_create_carts_table (0.01 seconds)
Migrating: 2020_05_10_183507_create_shopping_table
Migrated:  2020_05_10_183507_create_shopping_table (0.02 seconds)
jithusaji@Jithus-MacBook-Air cafe %
```

Code

model/controller/route

Shopping Controller




EXPLORER
OPEN EDITORS
Users.php app
WelcomeMail.php app/Mail
.env
welcome.blade.php resources/views/emails
bakery.blade.php resources/views/pages
layout.blade.php resources/views
mail.blade.php resources/views/pages
PagesController.php app/Http/Controllers
2020_05_10_081932_create_shoppingcart.php database/migrations
2020_04_19_060335_create_carts_table.php database/migrations
Shopping_controller.php app/Http/Controllers
FOODORDEROLD
app
Console
Exceptions
Http
Controllers
AuthController.php
Controller.php
PagesController.php
Shopping_controller.php
Middleware
Kernel.php
Mail
WelcomeMail.php
Providers
Cart.php
Category.php
Product.php
Shopping.php
User.php
Users.php
bootstrap
config
OUTLINE
TIMELINE
NPM SCRIPTS
PagesController.php
2020_05_10_081932_create_shoppingcart.php
2020_04_19_060335_create_carts_table.php
app > Http > Controllers > PagesController.php
//Non-Veg view
public function nonveg(){
$items2 = Product::where('categoryid','=',3)->get();
$data = array('items2'=>$items2);
return view('pages.nonvegetarian', ['data' => $data]);
}
//all menu products
public function products(){
// $items = DB::table('items')->where('categoryid','1')->get();
return view('products');
}
public function addCart($id, $userid){
$cart = new Cart();
$cart->pid = $id;
$cart->userid = $userid;
$cart->save();
$carts = Cart::select('carts.id' ,'carts.pid', 'carts.created_at',
'products.name', 'users.name as uname', 'products.price')
->join('products', 'products.id', '=', 'carts.pid')
->join('users', 'users.id', '=', 'carts.userid')
->where('userid', '=', $userid)
->get();
return $carts;
// return Redirect::to('showcart/'.$userid);
}
public function showCart($userid){
$carts = Cart::select('carts.id' ,'carts.pid', 'carts.created_at',
'products.name', 'users.name as uname', 'products.price')
->join('products', 'products.id', '=', 'carts.pid')
->join('users', 'users.id', '=', 'carts.userid')
->where('userid', '=', $userid)
->get();
return $carts;
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UTF-8
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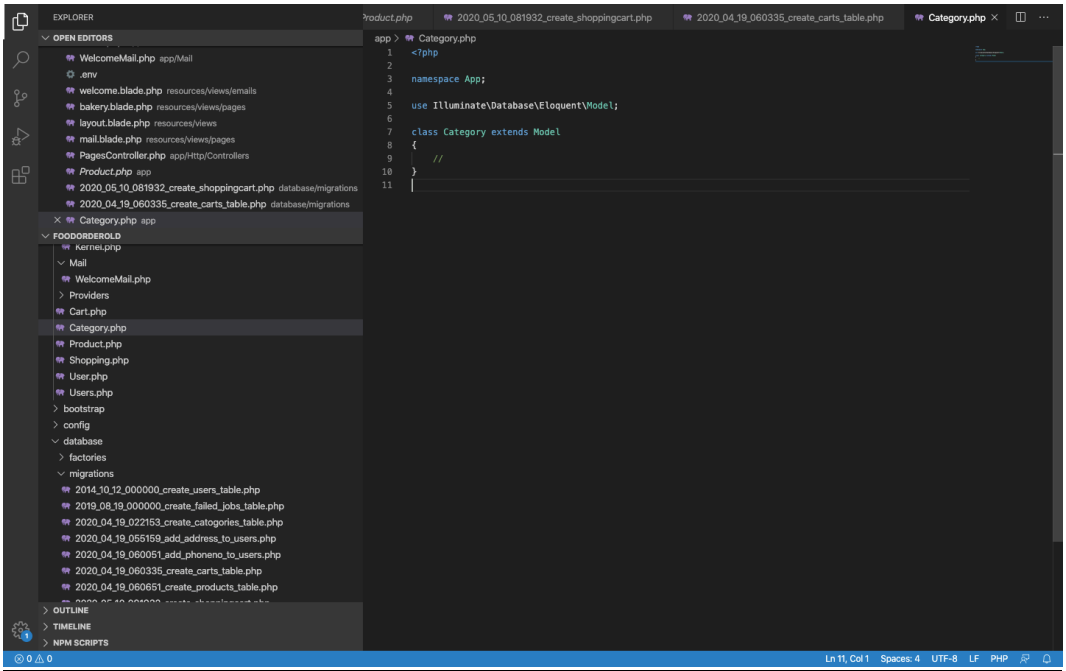
PHP

Model


EXPLORER
OPEN EDITORS
WelcomeMail.php app/Mail
.env
welcome.blade.php resources/views/emails
bakery.blade.php resources/views/pages
layout.blade.php resources/views
mail.blade.php resources/views/pages
PagesController.php app/Http/Controllers
Product.php app
2020_05_10_081932_create_shoppingcart.php database/migrations
2020_04_19_060335_create_carts_table.php database/migrations
Category.php app
FOODORDEROLD
Kernel.php
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WelcomeMail.php
Providers
Cart.php
Category.php
Product.php
Shopping.php
User.php
Users.php
bootstrap
config
database
factories
migrations
2014_10_12_000000_create_users_table.php
2019_08_19_000000_create_failed_jobs_table.php
2020_04_19_022153_create_catogories_table.php
2020_04_19_055159_add_address_to_users.php
2020_04_19_060051_add_phoneno_to_users.php
2020_04_19_060335_create_carts_table.php
2020_04_19_060651_create_products_table.php
OUTLINE
TIMELINE
NPM SCRIPTS
2020_05_10_081932_create_shoppingcart.php
2020_04_19_060335_create_carts_table.php
Category.php
app > Category.php
<?php
namespace App;
use Illuminate\Database\Eloquent\Model;
class Category extends Model
{
//
}
Ln 11, Col 1
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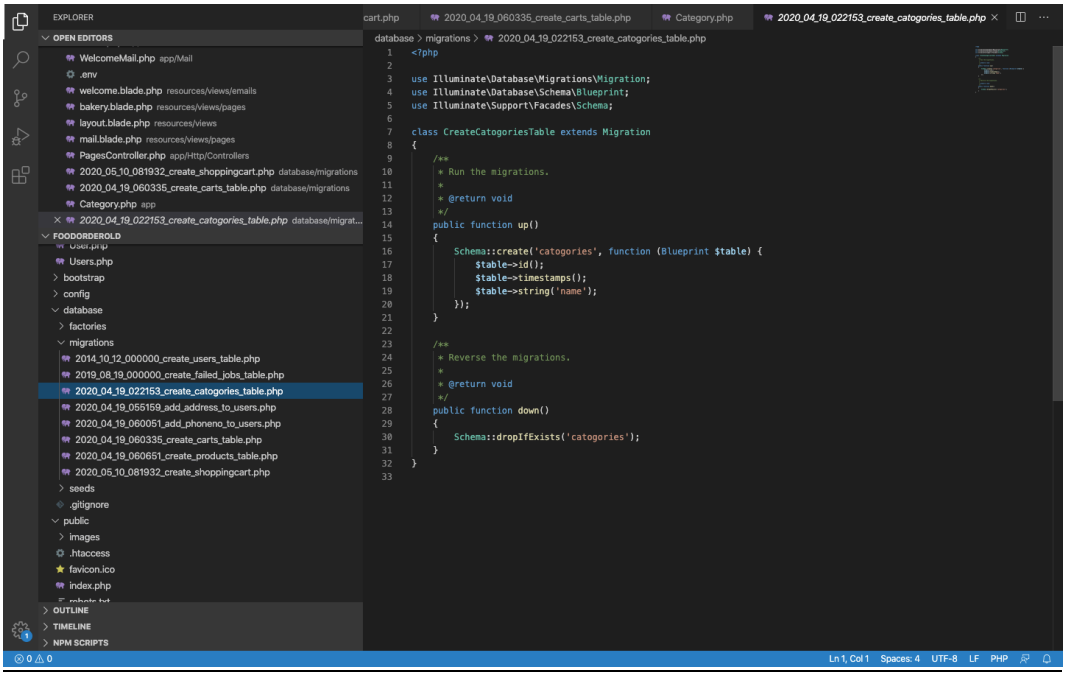
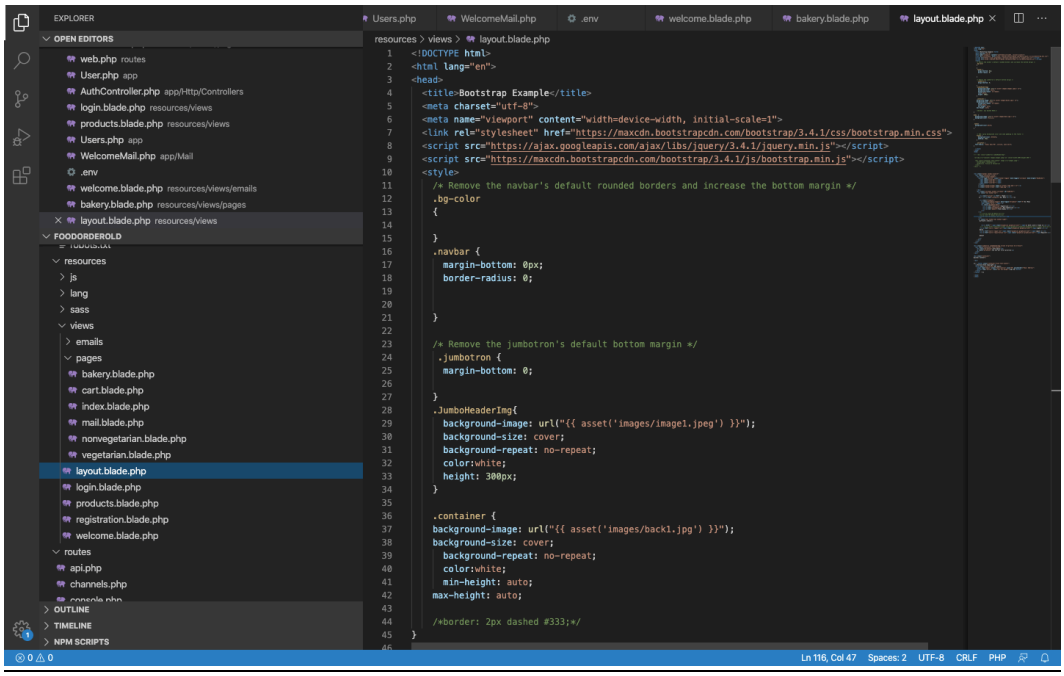
UTF-8
LF
PHP

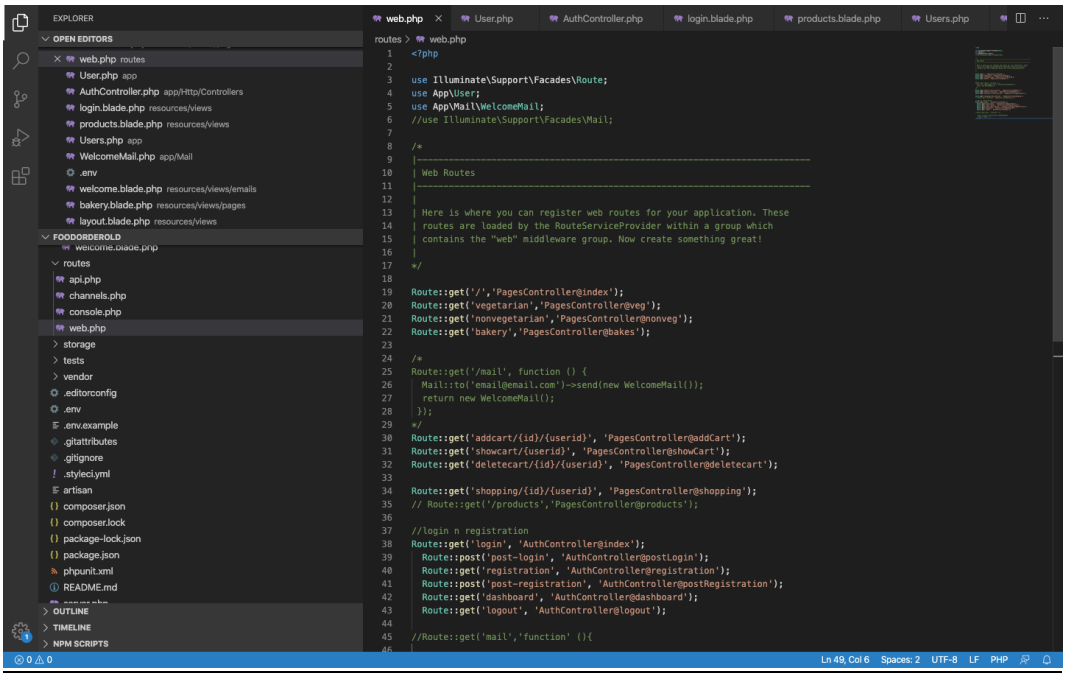
Category Migration



Views



Routes


EXPLORER
OPEN EDITORS
web.php routes
User.php app
AuthController.php app/Http/Controllers
login.blade.php resources/views
products.blade.php resources/views
Users.php app
WelcomeMail.php app/Mail
.env
welcome.blade.php resources/views/emails
bakery.blade.php resources/views/pages
layout.blade.php resources/views
FOODORDEROLD
routes
api.php
channels.php
console.php
web.php
storage
tests
vendor
.editorconfig
.env
.env.example
.gitattributes
.gitignore
.styleci.yml
artisan
composer.json
composer.lock
package-lock.json
package.json
phpunit.xml
README.md
OUTLINE
TIMELINE
NPM SCRIPTS
routes > web.php
<?php
use Illuminate\Support\Facades\Route;
use App\User;
use App\Mail\WelcomeMail;
//use Illuminate\Support\Facades\Mail;
/*
| 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('/','PagesController@index');
Route::get('vegetarian','PagesController@veg');
Route::get('nonvegetarian','PagesController@nonveg');
Route::get('bakery','PagesController@bakes');
/*
Route::get('/mail', function () {
Mail::to('email@email.com')->send(new WelcomeMail());
return new WelcomeMail();
});
*/
Route::get('addcart/{id}/{userid}', 'PagesController@addCart');
Route::get('showcart/{userid}', 'PagesController@showCart');
Route::get('deletecart/{id}/{userid}', 'PagesController@deletecart');
Route::get('shopping/{id}/{userid}', 'PagesController@shopping');
// Route::get('/products','PagesController@products');
//login n registration
Route::get('login', 'AuthController@index');
Route::post('post-login', 'AuthController@postLogin');
Route::get('registration', 'AuthController@registration');
Route::post('post-registration', 'AuthController@postRegistration');
Route::get('dashboard', 'AuthController@dashboard');
Route::get('logout', 'AuthController@logout');
//Route::get('mail','function' (){
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UTF-8
LF
PHP

MVC MODEL VS COMP606

Model - The model component stores data and its related logic.

View - A View is that part of the application that represents the presentation of data.

Views are created by the data collected from the model data. A view requests the model to give information so that it resents the output presentation to the user.

Controller - The Controller is that part of the application that handles the user interaction. Controller send's commands to the model to update its state. The controller also sends commands to its associated view to change the view's presentation.

Model view controller is a framework application that' s simpler and easier to understand. When working with databases classes for each object makes code reusable, easier to maintain & readable. But I think making single pages without MVC in comp606 were more flexible.

In Laravel, we do not need to include the database file in each page like we see in comp606. Here it is done by config the database in env file and just connect to the database. MVC is well organised and has a good structure for separation. It is well documented and is understood from the Laravel documentation website. In comp606 we need to create all html pages, CSS files and then include in all the pages. View contains little logic hardly using looping arrays ever. When it came down to implementing forms, the code was managed in the controller for database queries and validation with the views calling the functions & which all connects within the route. MVC also provides authentication and authorisation for the system.

The view shows how the data is displayed. Model is going to be handling data within thr database migration & controller it change information in the model which works within the views telling it what to be displayed.