

Web Programming Languages Project Report

Project Title: E-Commerce website for online pharmacy

Website Name: DrugsDirect

Project Description

We have developed an e-commerce website for online pharmacy. After logging in, the available products/services in the system are listed to the user. Any medicine can be searched in the search box. The user can also filter out the medicines based on categories provided. Paging functionality for listing products/services has been implemented. After selecting a particular medicine, the user can update the quantity of the product. User can also update items in the cart, like removing items from the cart and updating the product's quantity. The project also shows the history of purchases or saved lists for the user. After selecting the products, the user goes for the payment option and enters the billing details. In the billing section, promo code or deal code can be applied, resulting in some discount for the final bill due.

For the admin part : The admin can view, delete and insert the products and category to the table. He/she can also view the users and their orders.

Additional feature: The user can enter a coupon code to get a discount on his/her total bill.

Database Design

There are 7 tables in our database. Create tables statements are given below:

```
CREATE TABLE IF NOT EXISTS `admins` (
```

```
  `user_id` int(10) NOT NULL AUTO_INCREMENT,
```

```
  `user_email` varchar(255) NOT NULL,
```

```
  `user_pass` varchar(255) NOT NULL,
```

```
  PRIMARY KEY (`user_id`)
```

```
)
```

```
CREATE TABLE IF NOT EXISTS `cart` (
```

```
  `id` int(11) NOT NULL AUTO_INCREMENT,
```

```
  `product_id` int(11) NOT NULL,
```

```
  `user_email` varchar(50) CHARACTER SET utf8 NOT NULL,
```

```
  `quantity` int(11) NOT NULL,
```

```
  `checkedout` tinyint(1) NOT NULL DEFAULT '0',
```

```

PRIMARY KEY (`id`),
KEY `product_id` (`product_id`),
KEY `user_email` (`user_email`)
)

CREATE TABLE IF NOT EXISTS `category` (
  `category_id` int(11) NOT NULL AUTO_INCREMENT,
  `category_name` varchar(50) NOT NULL,
  `category_status` enum('0','1') NOT NULL,
  PRIMARY KEY (`category_id`)
)

CREATE TABLE IF NOT EXISTS `deal` (
  `deal_name` varchar(50) NOT NULL,
  `deal_cost` int(15) NOT NULL,
  `deal_count` int(5) DEFAULT NULL,
  PRIMARY KEY (`deal_name`)
)

CREATE TABLE IF NOT EXISTS `login` (
  `email` varchar(50) NOT NULL,
  `password` varchar(100) NOT NULL,
  `full_name` varchar(100) NOT NULL,
  `phone_number` varchar(10) NOT NULL,
  PRIMARY KEY (`email`)
)

CREATE TABLE IF NOT EXISTS `orders` (
  `fname` varchar(50) NOT NULL,
  `lname` varchar(50) NOT NULL,
  `address` varchar(5000) NOT NULL,
  `state_country` varchar(50) NOT NULL,
  `postalcode` varchar(6) NOT NULL,

```

```
`email` varchar(200) NOT NULL,  
`phone_number` varchar(10) NOT NULL,  
`deal_code` varchar(50) CHARACTER SET utf8 DEFAULT NULL,  
`order_id` int(5) NOT NULL AUTO_INCREMENT,  
`customer_id` varchar(50) CHARACTER SET utf8 NOT NULL,  
`total` varchar(10) NOT NULL,  
PRIMARY KEY (`order_id`),  
KEY `deal_code` (`deal_code`),  
KEY `customer_id` (`customer_id`)  
)
```

```
CREATE TABLE IF NOT EXISTS `product` (  
  `product_id` int(11) NOT NULL AUTO_INCREMENT,  
  `product_name` varchar(100) NOT NULL,  
  `product_cost` float NOT NULL,  
  `product_description` varchar(512) NOT NULL,  
  `product_image` varchar(10000) NOT NULL,  
  `product_count` int(10) NOT NULL,  
  `product_characteristic` varchar(8096) NOT NULL,  
  `product_category` int(11) NOT NULL,  
  `product_status` enum('0','1') NOT NULL,  
  PRIMARY KEY (`product_id`),  
  KEY `product_category` (`product_category`)  
)
```

Languages/frameworks used for implementation

User Interface (UI): HTML, CSS, Bootstrap

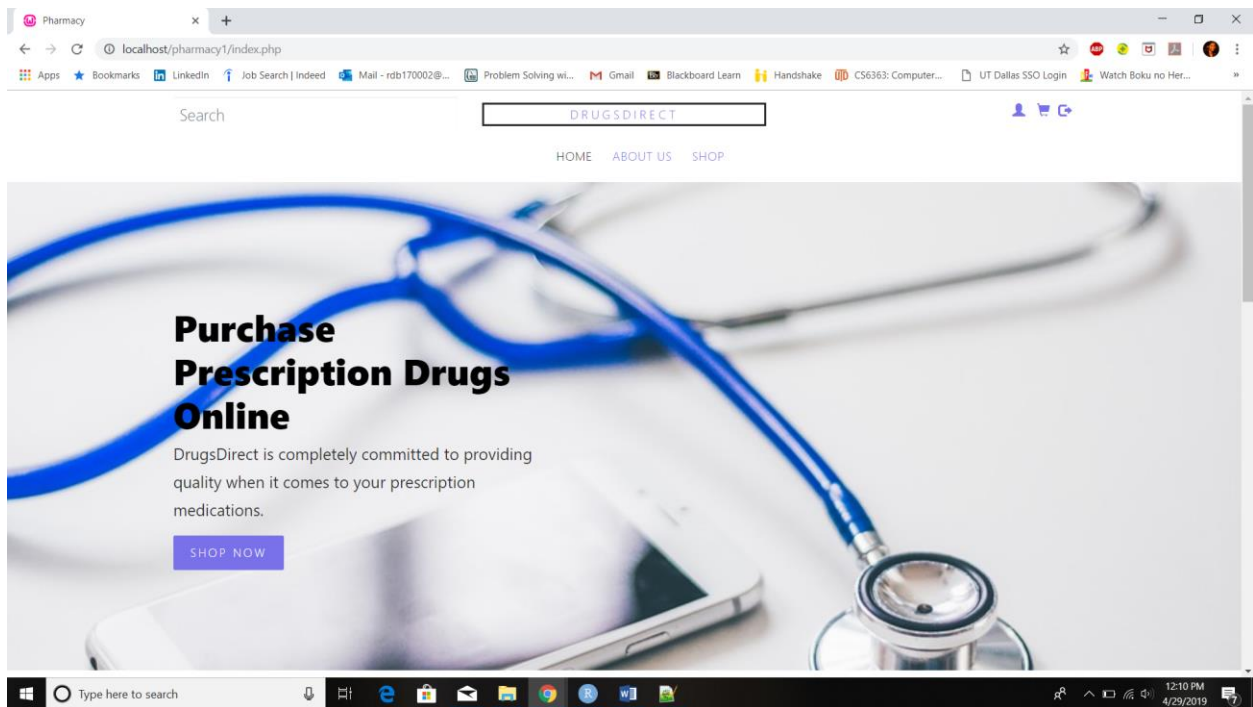
Frontend Validation: JavaScript, JQuery

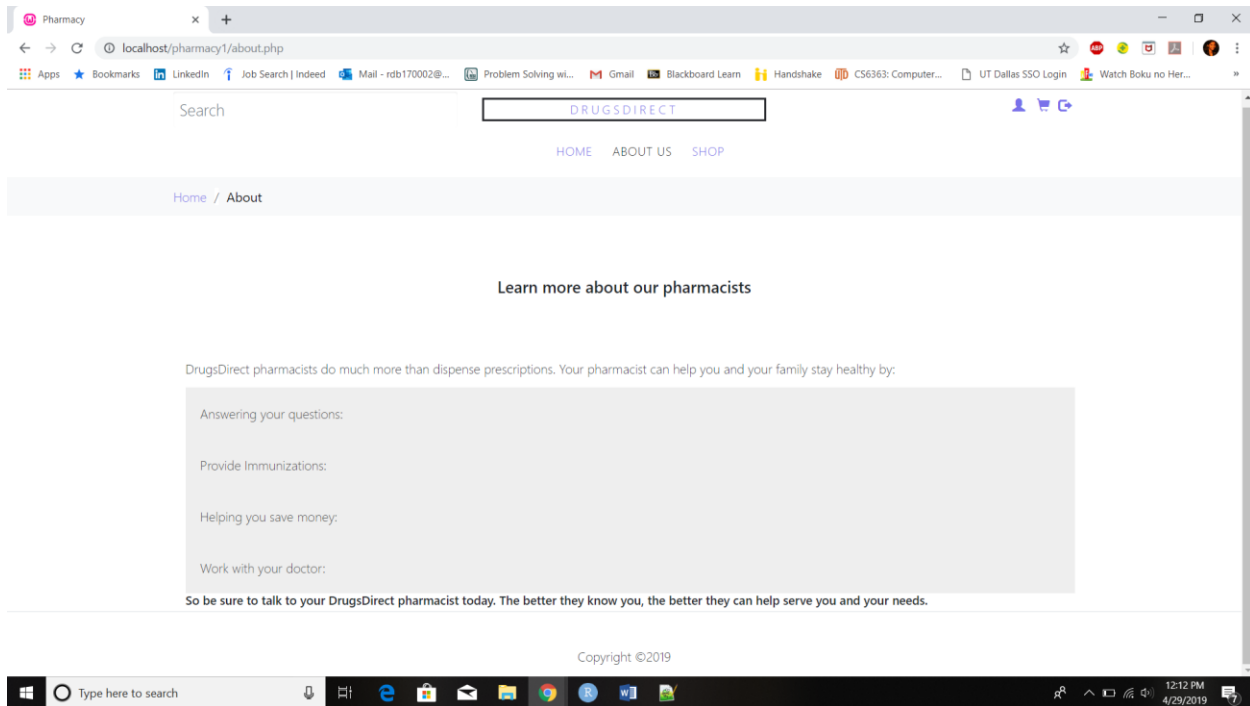
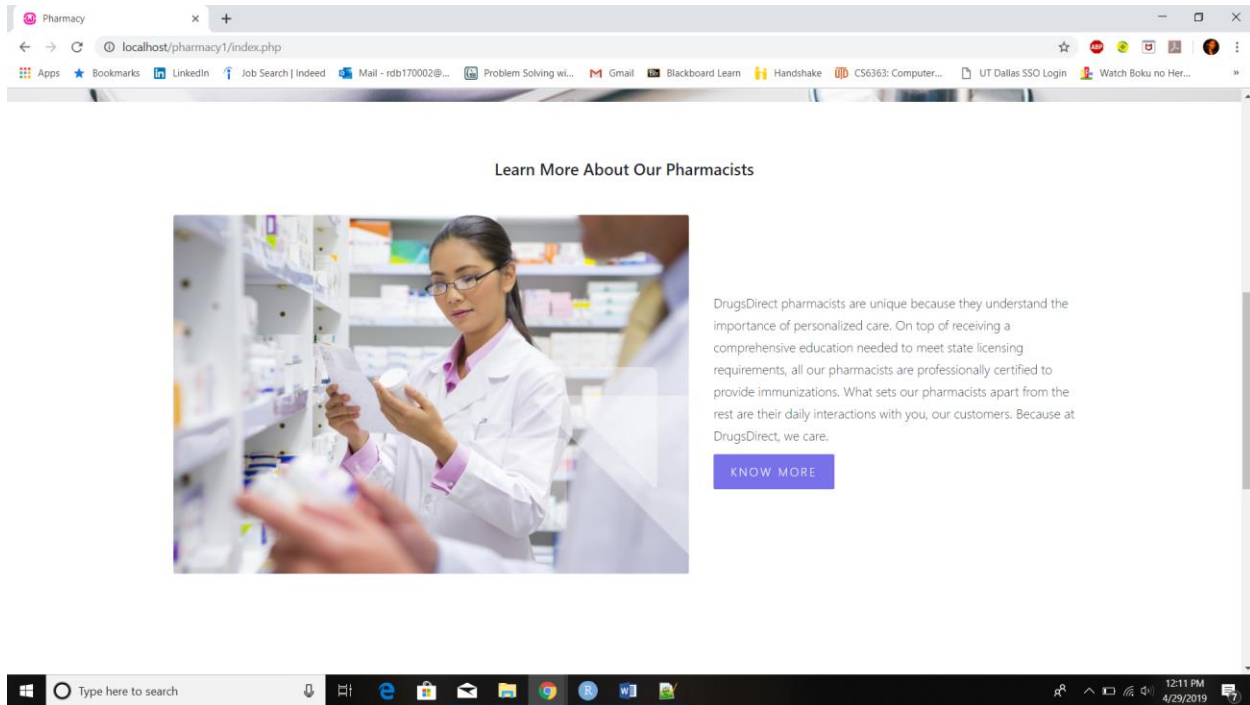
Backend Validation: PHP

Backend Connection: PHP, AJAX

Backend server: PhpMyAdmin

Screenshots:





Pharmacy x +

localhost/pharmacy1/shop.php

Search

DRUGSDIRECT

HOME ABOUT US SHOP

Home / Shop

CATEGORIES

- Flu & Cold
- Vitamins & Supplements

Crocin \$10

Febrex \$12.5

Advil \$11.75

TYLENOL

SUDAFED PE CONGESTION

Benadryl

Type here to search

12:12 PM 4/29/2019

Pharmacy x +

localhost/pharmacy1/shop.php

Tylenol \$13

Sudafed \$11.08

Benadryl \$14.12

Mucinex DM \$14

Theraflu \$13.99

Omega 3 \$18

First Prev Next Last

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Pharmacy x +

localhost/pharmacy1/shop.php

Search


DRUGSDIRECT

HOME ABOUT US SHOP


Home / Shop

CATEGORIES


- ☒ Flu & Cold
- ☐ Vitamins & Supplements




Crocin
\$10




Febrex
\$12.5




Advil
\$11.75



TYLENOL



SUDAFED PE
CONGESTION



Benadryl

Type here to search

12:13 PM 4/29/2019

Pharmacy x +

localhost/pharmacy1/shop.php?query=crocin

crocin


DRUGSDIRECT

HOME ABOUT US SHOP

Home / Shop

CATEGORIES

- ☐ Flu & Cold
- ☐ Vitamins & Supplements



Crocin
\$10

First Prev Next Last

localhost/pharmacy1/shop-single.php?product_id=1

Type here to search

12:13 PM 4/29/2019


Pharmacy
localhost/pharmacy1/shop-single.php?product_id=1

Search

DRUGSDIRECT

HOME
ABOUT US
SHOP

Home / Crocin



Crocin

Crocin is a carotenoid chemical compound that is found in the flowers crocus and gardenia. Crocin is the chemical primarily responsible for the color of saffron. Chemically, crocin is the diester formed from the disaccharide gentiobiose and the dicarboxylic acid crocetin.

\$10

- 1 +

ADD TO CART

Type here to search
12:13 PM 4/29/2019


Pharmacy
localhost/pharmacy1/cart.php

Search

DRUGSDIRECT

HOME
ABOUT US
SHOP

Home / Cart

Image	Product	Price	Quantity	Total	Remove
	Crocin	\$10	- 1 +	\$10	<div>X</div>

UPDATE CART

CONTINUE SHOPPING

CART TOTALS

Total \$10

PROCEED TO CHECKOUT

Type here to search
12:14 PM 4/29/2019

Pharmacy x +

localhost/pharmacy1/checkout.php

Home / Cart / Checkout

Billing Details

First Name *
Rutali

Last Name *
Bandivadekar

Address *
7575 Frankford Road

State / Country *
Texas

Postal Code / Zip *
752520

Email Address *
rutali@gmail.com

Phone *
9865896541

Coupon Code

Enter your coupon code if you have one

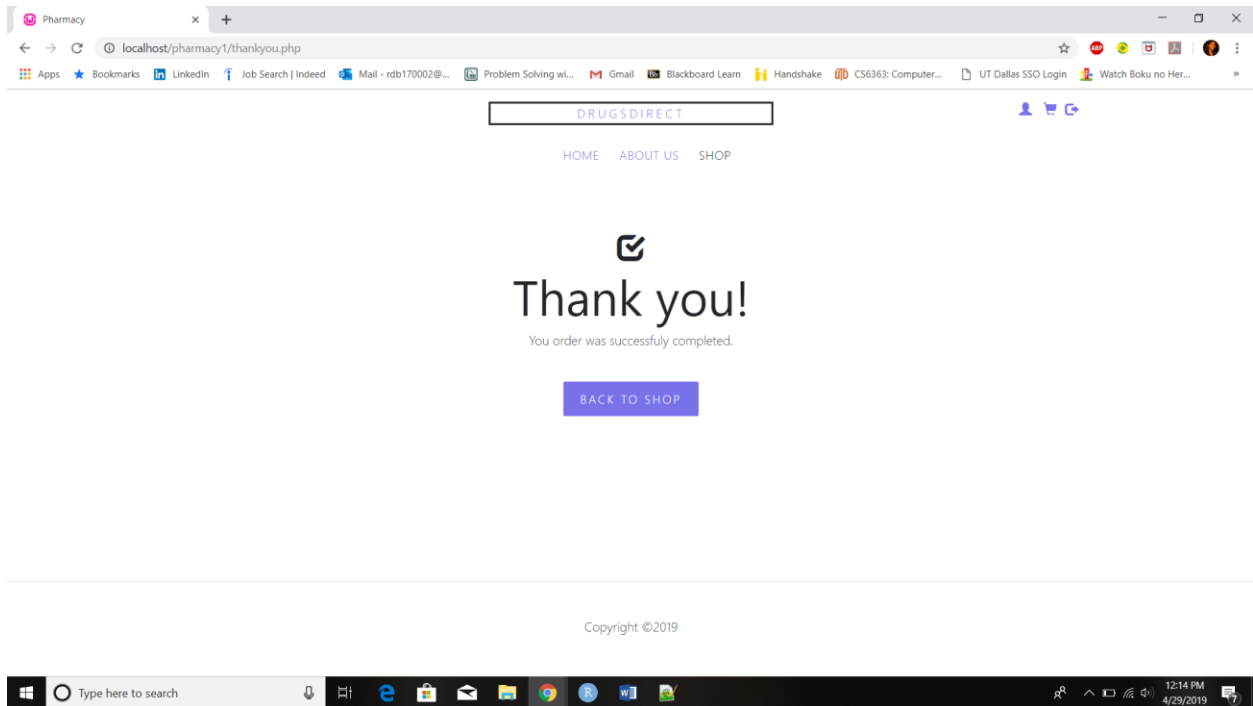
APPLY REMOVE

Your coupon is valid!

Your Order

Product	Total
Crocin x 1	\$10.00
Cart Subtotal	\$10
Order Total	\$8

Direct Bank Transfer



Admin

Area

Pharmacy

localhost/pharmacy/admin/login.php?not_admin=You%20are%20not%20Admin

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Admin Login

Email *

Email

Password *

Password

LOG IN

Type here to search

Pharmacy

localhost/pharmacy/admin/login.php?not_admin=You%20are%20not%20Admin

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Admin Login

Email *

modiyash996@gmail.com

Password *

LOG IN

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Pharmacy

localhost/pharmacy/admin/login.php?not_admin=You%20are%20not%20Admin

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DRUGSDIRECT

Pharmacy

localhost/pharmacy/admin/index.php?logged_in%20=%20You%20have%20successfully%20Logged%20in!

DRUGSDIRECT

INSERT NEW PRODUCT VIEW PRODUCTS INSERT NEW CATEGORY VIEW ALL CATEGORIES VIEW CUSTOMERS VIEW ORDERS VIEW DEALS INSERT DEALS



Welcome to Admin Area

Type here to search

Pharmacy

localhost/pharmacy/admin/index.php?insert_product

DRUGSDIRECT

INSERT NEW PRODUCT VIEW PRODUCTS INSERT NEW CATEGORY VIEW ALL CATEGORIES VIEW CUSTOMERS VIEW ORDERS VIEW DEALS INSERT DEALS

Insert New Product Here!	
Product Name:	<input type="text"/>
Product Price:	<input type="text"/>
Product Description:	<input type="text"/>
Product Image:	<input type="button" value="Choose File"/> No file chosen
Product Count:	<input type="text"/>
Product Characteristics:	<input type="text"/>
Product Category:	<input type="text" value="Select a category"/>
Product Status:	<input type="text"/>
<input type="button" value="INSERT PRODUCT"/>	

Type here to search

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Pharmacy

localhost/pharmacy/admin/index.php?view_products

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DRUGSDIRECT

INSERT NEW PRODUCTVIEW PRODUCTSINSERT NEW CATEGORYVIEW ALL CATEGORIESVIEW CUSTOMERSVIEW ORDERSVIEW DEALSINSERT DEALS

CATEGORIES

Flu & Cold


Vitamins & Supplements



Crocin

\$10


EDITDELETE



Advil

\$11.75


EDITDELETE



Tylenol

\$13


EDITDELETE



SUDAFED


CONGESTION

EDITDELETE



Benadryl

EDITDELETE



Mucinex

DM

EDITDELETE

Pharmacy

localhost/pharmacy/admin/index.php?view_cats

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DRUGSDIRECT

INSERT NEW PRODUCTVIEW PRODUCTSINSERT NEW CATEGORYVIEW ALL CATEGORIESVIEW CUSTOMERSVIEW ORDERSVIEW DEALSINSERT DEALS

View All Products Here

Category ID	Category Name	Category Status	Edit	Delete
1	Flu & Cold	1	Edit	Delete
2	Vitamins & Supplements	1	Edit	Delete

Type here to search



3:00 PM

4/29/2019

Pharmacy

localhost/pharmacy/admin/index.php?view_orders

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DRUGSDIRECT

[INSERT NEW PRODUCT](#) [VIEW PRODUCTS](#) [INSERT NEW CATEGORY](#) [VIEW ALL CATEGORIES](#) [VIEW CUSTOMERS](#) [VIEW ORDERS](#) [VIEW DEALS](#) [INSERT DEALS](#)

View All Orders

S.N	First Name	Last Name	Email	Total
1	Rutali	Bandivadekar	rutalib@gmail.com	\$58
2	Simran	Arora	simran@gmail.com	\$58
3	Rutali	Bandivadekar	rutali@gmail.com	\$26
4	Yash	Modi	yash@gmail.com	\$2.75
5	Simran	Arora	simran@gmail.com	\$11.99
6	Sagar	Kawthankar	sagar@gmail.com	\$32.99
7	Rutali	Bandivadekar	rutali@gmail.com	\$34.75
8	Yash	Modi	yash@gmail.com	\$12
9	Rutali	Bandivadekar	rutali@gmail.com	\$22.98
10	Rutali	Bandivadekar	rutali@gmail.com	\$6.2
11	Rutali	Bandivadekar	rutali@gmail.com	\$8
12	Sagar	Kawthankar	sagar@gmail.com	\$16.99
Total				\$290.65

Pharmacy

localhost/pharmacy/admin/index.php?view_deal

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DRUGSDIRECT

[INSERT NEW PRODUCT](#) [VIEW PRODUCTS](#) [INSERT NEW CATEGORY](#) [VIEW ALL CATEGORIES](#) [VIEW CUSTOMERS](#) [VIEW ORDERS](#) [VIEW DEALS](#) [INSERT DEALS](#)

View All Deals Here

S.N	Deal Name	Deal Cost	Deal Count	Edit	Delete
1		1		Edit	Delete
2	bigsaving	5	12	Edit	Delete
3	smartdeal	2	8	Edit	Delete

Type here to search

Taskbar icons: File Explorer, Edge, Mail, Photos, Chrome, VS Code, Word, Excel

System tray: Network, Volume, 3:01 PM, 4/29/2019

Team Members:

Rutali Bandivadekar : RDB170002

Simran Arora : SOA180000

Yash Modi : YXM180007

Sagar Kawthankar :SDK180000

Work division among team members:

Rutali Bandivadekar : RDB170002 : Designed the homepage for our website and created the login for returning users and signup page for the new ones. Also, created the payment page where the user enters the billing address and can get a discount by applying some coupon code.

Simran Arora : SOA180000 : Designed the shop.php page where after a login the user clicks on the shop tab he/she can view all the items and after selecting an item, the selected item quantity can be increased/decreased and added to the cart.

Yash Modi : YXM180007 : Designed the admin page for our website. The admin can view, delete or insert any product and category to the database. He/she can also view the users and users order history.

Sagar Kawthankar :SDK180000 : Designed the update cart option where the user can delete/insert any selected item present in his/her cart. Also, designed the search feature for the products available. Created the pagination feature for the products displayed. Created the dummy data for the project.