

OSC Project

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TY CS

Guided By-

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E-COMMERCE WEBSITE

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Abstract

Ecommerce, also known as electronic commerce or internet commerce, refers to the buying and selling of goods or services using the internet, and the transfer of money and data to execute these transactions. Ecommerce is often used to refer to the sale of physical products online, but it can also describe any kind of commercial transaction that is facilitated through the internet.

Whereas e-business refers to all aspects of operating an online business, ecommerce refers specifically to the transaction of goods and services.

The history of ecommerce begins with the first ever online sale: on August 11, 1994 a man sold a CD by the band Sting to his friend through his website NetMarket, an American retail platform. This is the first example of a consumer purchasing a product from a business through the World Wide Web—or “ecommerce” as we commonly know it today.

Since then, ecommerce has evolved to make products easier to discover and purchase through online retailers and marketplaces. Independent freelancers, small businesses, and large corporations have all benefited from ecommerce, which enables them to sell their goods and services at a scale that was not possible with traditional offline retail.

Global retail ecommerce sales are projected to reach \$27 trillion by 2020.

Goals

1. To Implement an interactive ecommerce website for a commercial company (like udemy,udacity) in order to provide a platform where customers can buy various courses offered by the organisations.
2. Login and Registration forms for new users
3. Catalogue of products displayed under different categories
4. Review Section for products
5. Shopping preview basket/cart
6. Orders section
7. Payment integration with PayPal including IPN(Instant Payment Notifications)
8. Administrative control panel to allow Admins to manage all the orders,stocks,add/remove new products,update price etc.

Specifications

CATALOG BROWSING

Allowing you to upload multiple images per Product, the return for customer experience is great. On these product images, the user has the ability to use the Zoom-in feature to get a closer look at the product.. The functionality of browsing products is much more efficient when you give the user the ability to sort by price, name, or position, allowing them to find what they are looking for quickly. The user also can see each product's reviews from comments on the website.

CATEGORY LIST

The category List searches for categories that match the criteria specified in filters. It replaces the deprecated category query, which allows you to search by category ID only. The User will be able to Browse through all the categories provided by the website.

PRODUCT LIST

Each Category will consist of all the related products, for example in Category JavaScript the user will be able to see all the JavaScript Courses.

CATALOG MANAGEMENT

Administration page will have all authority to add/remove a new category/product. Administration page can be accessed by logging into the admin page and thus an admin is opened to a variety of options for making the website work more efficiently.

Technologies Used

HTML 5

HTML5 is an effort to bring order to web development chaos by organizing common practices, embracing implementations from various browsers. It is massive, with over 100 specifications as part of the HTML5 specs. Understanding this, you can simplify by thinking of HTML5 this way. HTML5 is simply just an umbrella term for the next generation of web apps and how functionality will be expanded with better markup (HTML), better style (CSS), and better interactivity (JavaScript).

CSS 3

CSS3 makes changes to how some visual elements are implemented and rendered by a browser. However, it is not a single hugely unwieldy specification, unlike CSS2. CSS3 is separated into separate modules to facilitate development. This means that the specification comes out in chunks, with more stable modules than others.

Bootstrap

Bootstrap is the most popular CSS Framework for developing responsive and mobile-first websites.

Bootstrap is a free and open-source CSS framework directed at responsive, mobile-first front-end web development. It contains CSS- and (optionally) JavaScript-based design templates for typography, forms, buttons, navigation, and other interface components.

PHP

PHP is a script language and interpreter that is freely available and used primarily on Linux Web servers. PHP, originally derived from *Personal Home Page Tools*, now stands for *PHP: Hypertext Preprocessor*, which the PHP FAQ describes as a "recursive acronym."

PHP executes on the server, while a comparable alternative, JavaScript, executes on the client. PHP is an alternative to Microsoft's Active Server Page (ASP) technology. As with ASP, the PHP script is embedded within a Web page along with its HTML. Before the page is sent to a user that has requested it, the Web server calls PHP to interpret and perform the operations called for in the PHP script.

MySQL

MySQL, pronounced either "My S-Q-L" or "My Sequel," is an open source relational database management system. It is based on the structure query language (SQL), which is used for adding, removing, and modifying information in the database. Standard SQL commands, such as ADD, DROP, INSERT, and UPDATE can be used with MySQL. MySQL can be used for a variety of applications, but is most commonly found on Web servers. A website that uses MySQL may include Web pages that access information from a database. These pages are often referred to as "dynamic," meaning the content of each page is generated from a database as the page loads. Websites that use dynamic Web pages are often referred to as database-driven websites. Many database-driven websites that use MySQL also use a Web scripting language like PHP to access information from the database. MySQL commands can be incorporated into the PHP code, allowing part or all of a Web page to be generated from database information. Because both MySQL and PHP are both open source (meaning they are free to download and use), the PHP/MySQL combination has become a popular choice for database-driven websites.

Tools

XAMPP

XAMPP is a free and open-source cross-platform web server solution stack package developed by Apache Friends,^[3] consisting mainly of the Apache HTTP Server, MariaDB database, and interpreters for scripts written in the PHP and Perl programming languages. Since most actual web server deployments use the same components as XAMPP, it makes transitioning from a local test server to a live server possible.

XAMPP's ease of deployment means a WAMP or LAMP stack can be installed quickly and simply on an operating system by a developer, with the advantage that common add-in applications such as WordPress and Joomla! can also be installed with similar ease using Bitnami.

VSCODE

Visual Studio Code is a lightweight but powerful source code editor which runs on your desktop and is available for Windows, macOS and Linux. It comes with built-in support for JavaScript, TypeScript and Node.js and has a rich ecosystem of extensions for other languages (such as C++, C#, Java, Python, PHP, Go) and runtimes (such as .NET and Unity).

Database tables structures:

Category Schema-

	<input type="checkbox"/>	 Edit	 Copy	 Delete	cat_id	cat_title
	<input type="checkbox"/>	 Edit	 Copy	 Delete	31	T-SHIRTS
	<input type="checkbox"/>	 Edit	 Copy	 Delete	32	Life Style
	<input type="checkbox"/>	 Edit	 Copy	 Delete	33	Sports
	<input type="checkbox"/>	 Edit	 Copy	 Delete	34	New Category

Order Schema-

	<input type="checkbox"/>	 Edit	 Copy	 Delete	order_id	order_amount	order_transaction	order_status	order_currency
	<input type="checkbox"/>	 Edit	 Copy	 Delete	63	345	34535434	Completed	USD
	<input type="checkbox"/>	 Edit	 Copy	 Delete	64	59	123456	Completed	Ruppes
	<input type="checkbox"/>	 Edit	 Copy	 Delete	71	76	436276	Completed	USD

Products Schema-

	<input type="checkbox"/> Edit  Copy 	product_id	product_title	product_category_id	product_price	product_quantity	product_description	short_desc	product_image
<input type="checkbox"/>	 Edit  Copy 	113	Iphone Accessories	32	25	50	"At vero eos et accusamus et iusto odio dignissim...	"At vero eos et accusamus et iusto odio dignissim...	pepi-stojanovski-EF7BVa9BB2M-unsplash.jpg
<input type="checkbox"/>	 Edit  Copy 	114	Antonin	32	10	10	"At vero eos et accusamus et iusto odio dignissim...	"At vero eos et accusamus et iusto odio dignissim...	antonin-fels-OdqmoOsUgNwk-unsplash.jpg
<input type="checkbox"/>	 Edit  Copy 	115	Jacklyn	32	25	10	"At vero eos et accusamus et iusto odio dignissim...	"At vero eos et accusamus et iusto odio dignissim...	jaclyn-moy-ugZxwLQuZec-unsplash.jpg
<input type="checkbox"/>	 Edit  Copy 	116	Air Pods	32	30	6	"At vero eos et accusamus et iusto odio dignissim...	"At vero eos et accusamus et iusto odio dignissim...	alejandro-luengo-c1-ZT-hLzM-unsplash.jpg
<input type="checkbox"/>	 Edit  Copy 	117	Charisse	32	15	8	"At vero eos et accusamus et iusto odio molestias exc...	"At vero eos et accusamus et iusto odio dignissim...	charisse-kenion-dah-jZWgzx8-unsplash.jpg
<input type="checkbox"/>	 Edit  Copy 	118	DoYouOn	32	20	7	"At vero eos et accusamus et iusto odio molestias excepturi	"At vero eos et accusamus et iusto odio dignissim...	doyoun-seo-sRyf4szfMc-unsplash.jpg
<input type="checkbox"/>	 Edit  Copy 	119	Onne Beauty	32	20	9	"At vero eos et accusamus et iusto odio dignissim...	"At vero eos et accusamus et iusto odio dignissim...	onne-beauty-6cGnT43v7PE-unsplash.jpg
<input type="checkbox"/>	 Edit  Copy 	120	Jeremy Alford	32	30	9	"At vero eos et accusamus et iusto odio dignissim...	"At vero eos et accusamus et iusto odio dignissim...	jeremy-alford-68_PLKF_wv-unsplash.jpg
<input type="checkbox"/>	 Edit  Copy 	121	Laura Chouette	32	23	5	"At vero eos et accusamus et iusto odio dignissim...	"At vero eos et accusamus et iusto odio dignissim...	laura-chouette-qNr1_q7k6Y-unsplash.jpg
<input type="checkbox"/> Console									

Report Schema-

	<input type="checkbox"/> Edit  Copy 	report_id	product_id	order_id	product_price	product_title	product_quantity
<input type="checkbox"/>	 Edit  Copy 	37	1	61	24.99	product 1	1
<input type="checkbox"/>	 Edit  Copy 	38	1	62	24.99	product 1	1

Slides Schema-

	<input type="checkbox"/> Edit  Copy 	slide_title	slide_id	slide_image
<input type="checkbox"/>	 Edit  Copy 	ok	19	youssef-sarhan-tze1kKj7Lgg-unsplash.jpg
<input type="checkbox"/>	 Edit  Copy 	two	20	frankie-valentine-lg35FkimT30-unsplash.jpg
<input type="checkbox"/>	 Edit  Copy 	dde	22	rsz_toa-heftiba-kq1n6hzsahy-unsplash.jpg
<input type="checkbox"/>	 Edit  Copy 	fef	23	rsz_kazzle-john-delbo-6woxynqrto-unsplash.jpg
<input type="checkbox"/>	 Edit  Copy 	New Slider	24	freestocks-VFrcRtEQKL8-unsplash.jpg

Users Schema-

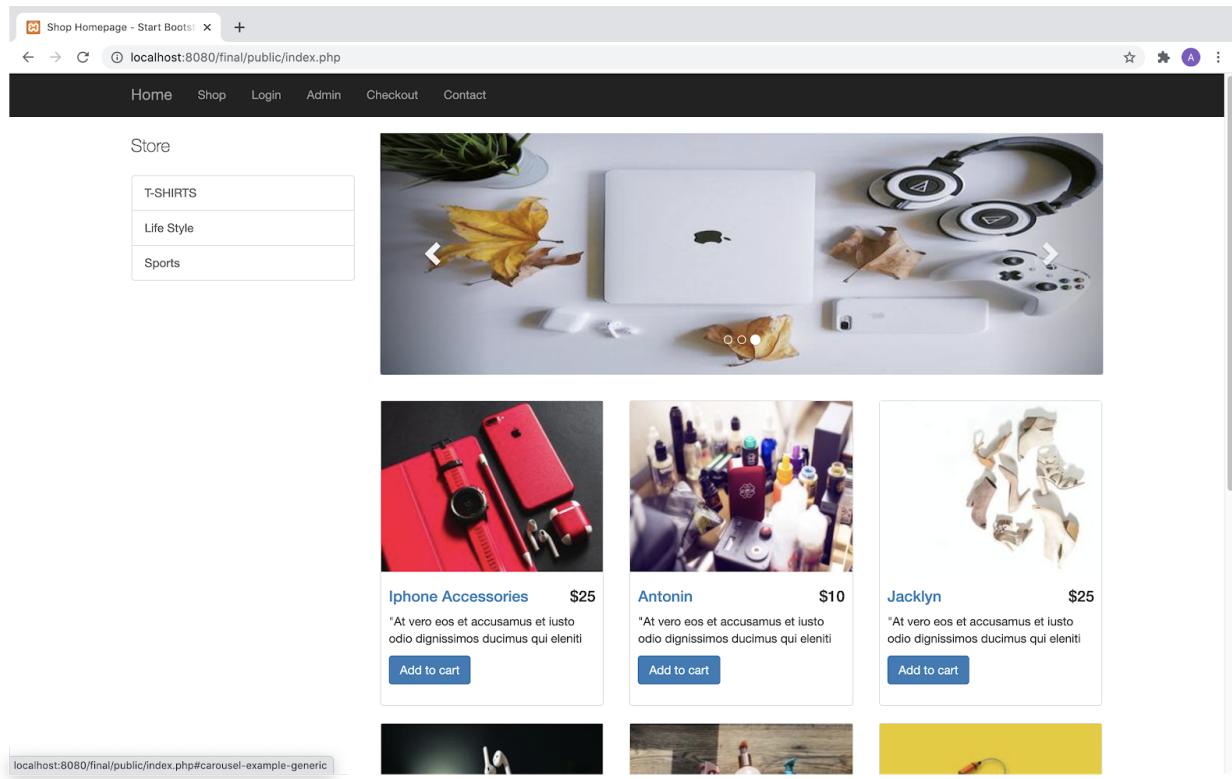
			user_id	username	email	password	
<input type="checkbox"/>	 Edit	 Copy	 Delete	6	abhishek	abhishek@gmail.com	qwerty
<input type="checkbox"/>	 Edit	 Copy	 Delete	8	adminuser	admin@gmail.com	admin123
<input type="checkbox"/>	 Edit	 Copy	 Delete	10	husain	husain@gmail.com	122345
<input type="checkbox"/>	 Edit	 Copy	 Delete	11	bhashya	bhashya@gmail.com	1234

Homepage-

The first page on to which the user lands on. The page showcases all the features provided by the website.

Simple and easy to catch Navigation Bar with interactive carousel which represents the versatility of the product provided on the website.

The pages also contain a glimpse of all the products available on the website.



Product Description-

On clicking on the name of product the user will be directed to a page with dedicated information about the product, which shows the following details about the product:

- Product Image
- Product Price
- Short Description
- Product Review
- Product Rating

The screenshot shows a web browser window with the title "Shop Homepage - Start Bootstrap". The URL in the address bar is "localhost:8080/final/public/item.php?id=118". The page has a dark header with navigation links: Home, Shop, Login, Admin, Checkout, and Contact. Below the header, there's a sidebar with categories: Store, T-SHIRTS, Life Style, and Sports. The main content area features a large image of a yellow t-shirt with a red zipper pull. To the right of the image, the product details are listed: "DoYouOn" (the brand), \$20 (the price), and a 4.0 stars rating. A short description in Latin follows: "At vero eos et accusamus et iusto odio dignissimos ducimus qui blanditiis praesentium voluptatum deleniti atque corrupti quos dolores et quas molestias excepturi". At the bottom of the product card is a blue "ADD" button. Below the product card, there are tabs for "Description" and "Reviews", with "Description" being the active tab. A small note at the bottom states: "At vero eos et accas molestias excepturi".

Review Section for each product-

The review section contains comments/ratings of products which will work as a guide for a new customer reviewing the product.

In order to add a review a user needs to share his name and email address.

A screenshot of a web browser window displaying a product review section. The URL in the address bar is `localhost:8080/final/public/item.php?id=118`. The page title is "Shop Homepage - Start Boots!". The navigation menu includes Home, Shop, Login, Admin, Checkout, and Contact. Below the menu, there are two tabs: "Description" and "Reviews", with "Reviews" being the active tab. A heading "2 Reviews From" is followed by three review entries. Each entry shows a 5-star rating, the word "Anonymous", a timestamp, and a short comment. To the right, there is a form titled "Add A review" with fields for Name and Email, and a section titled "Your Rating" with a 5-star rating indicator. A large text area for the review content is present, with a "SUBMIT" button at the bottom.

Shop Homepage - Start Boots! +
localhost:8080/final/public/item.php?id=118

Home Shop Login Admin Checkout Contact

Description Reviews

2 Reviews From

★★★★★ Anonymous 10 days ago
This product was great in terms of quality. I would definitely buy another!

★★★★★ Anonymous 12 days ago
I've already ordered another one!

★★★★★ Anonymous 15 days ago
I've seen some better than this, but not at this price. I definitely recommend this item.

Add A review

Name
Email

Your Rating

★★★★★

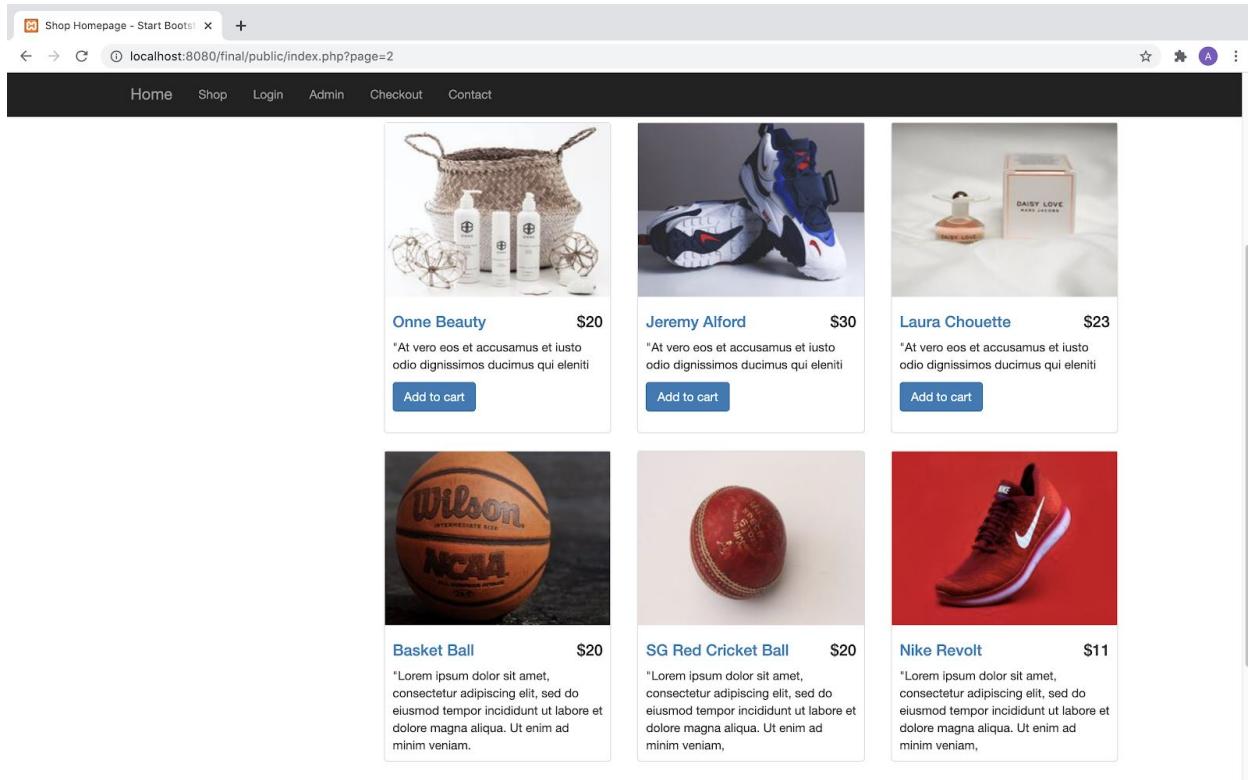
SUBMIT

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Wide Range of Product Available-

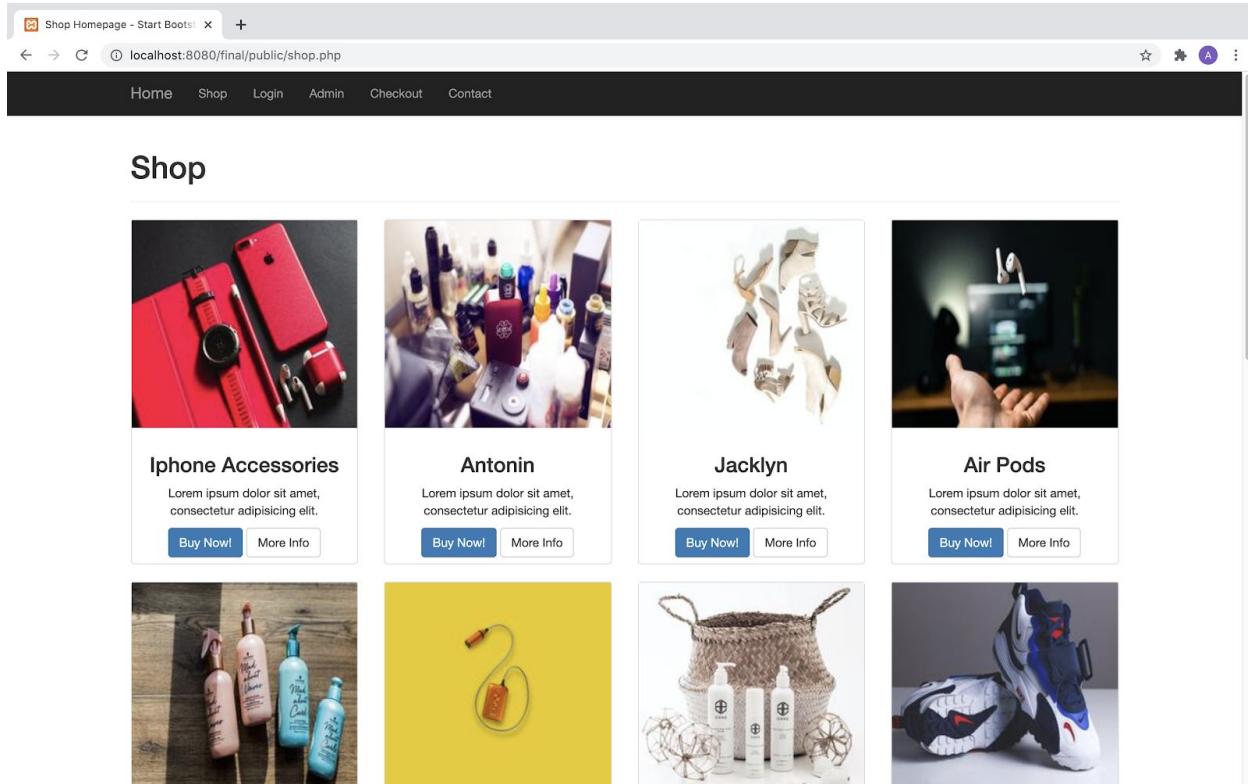
Below is the glimpse of a wide range of products available on the website.

The Website allows any kind of product to be added as the filtration process makes as the products get sorted on the basis of the category they belong to.



Shop Section-(All the products are shown irrespective of their Category)

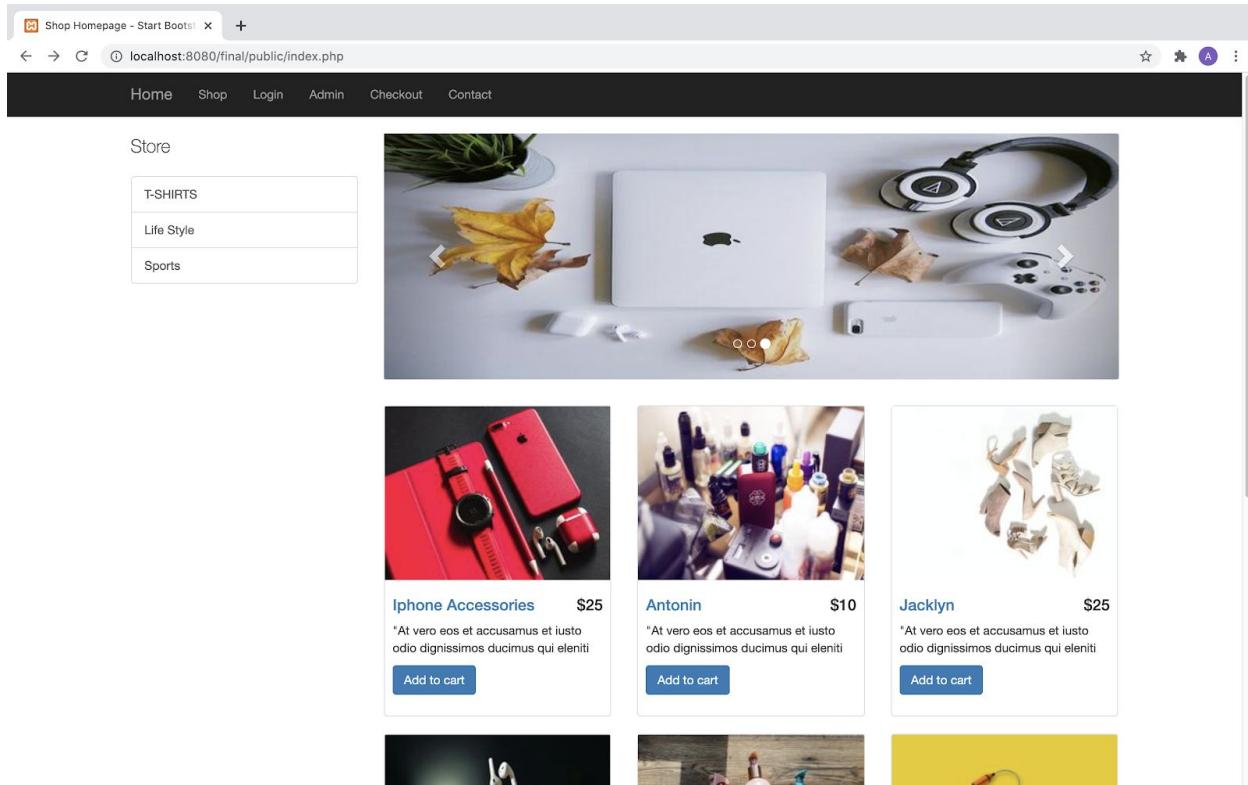
The Shop Section contains all the products on the page irrespective of their category.



Store Section-(Shows all the Categories)

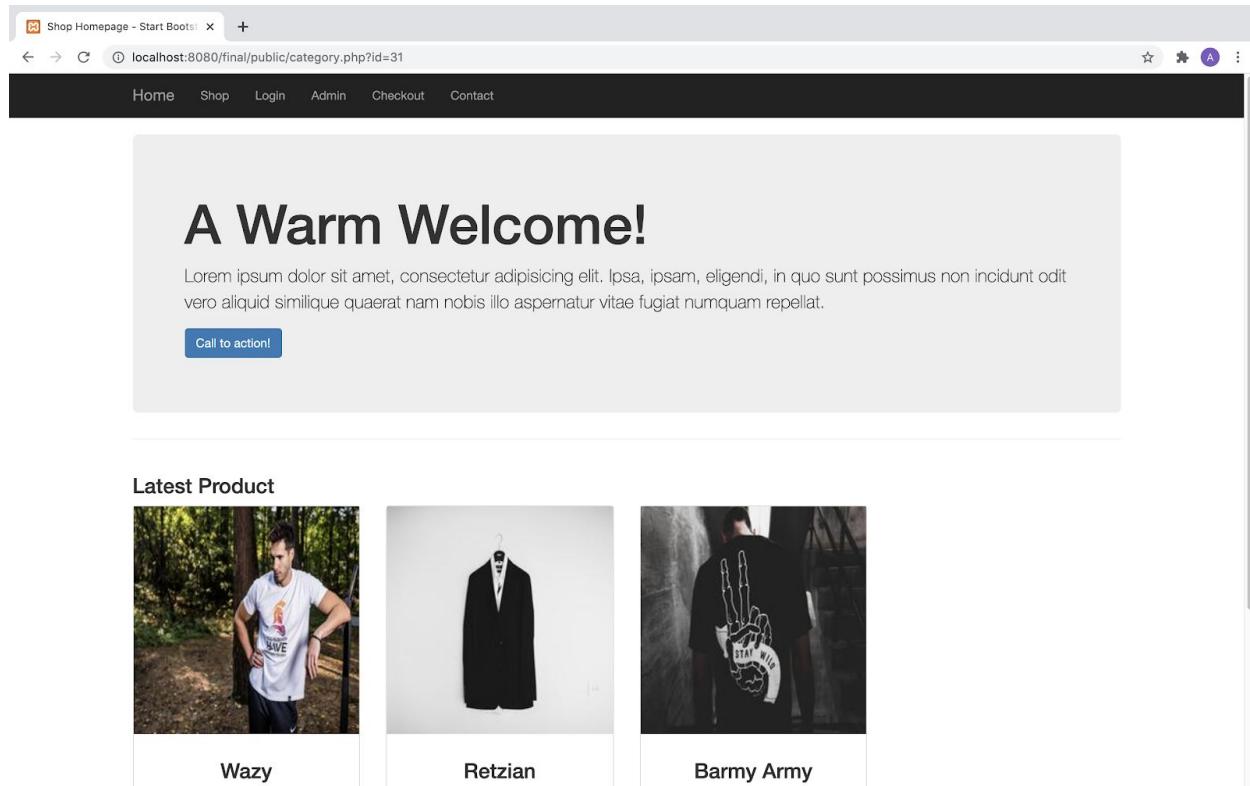
Below Store, are all the categories available on the website.

The category section just makes the division of products easy, the products are divided in different categories depending on their type.



T-shirt Category-

Below is a screenshot of products which fall under the T-Shirt category.



The screenshot shows a web browser window with the title "Shop Homepage - Start Bootstrap". The URL in the address bar is "localhost:8080/final/public/category.php?id=31". The page has a dark header with links for Home, Shop, Login, Admin, Checkout, and Contact. The main content area features a large heading "A Warm Welcome!" and a paragraph of placeholder text (Lorem ipsum). Below this is a blue button labeled "Call to action!". A horizontal line separates this from a section titled "Latest Product". This section displays three items: "Wazy" (a man in a white t-shirt outdoors), "Retzian" (a black suit jacket on a hanger), and "Barmy Army" (a black t-shirt with a hand graphic and the text "STAY WILD").

A Warm Welcome!

Call to action!

Latest Product

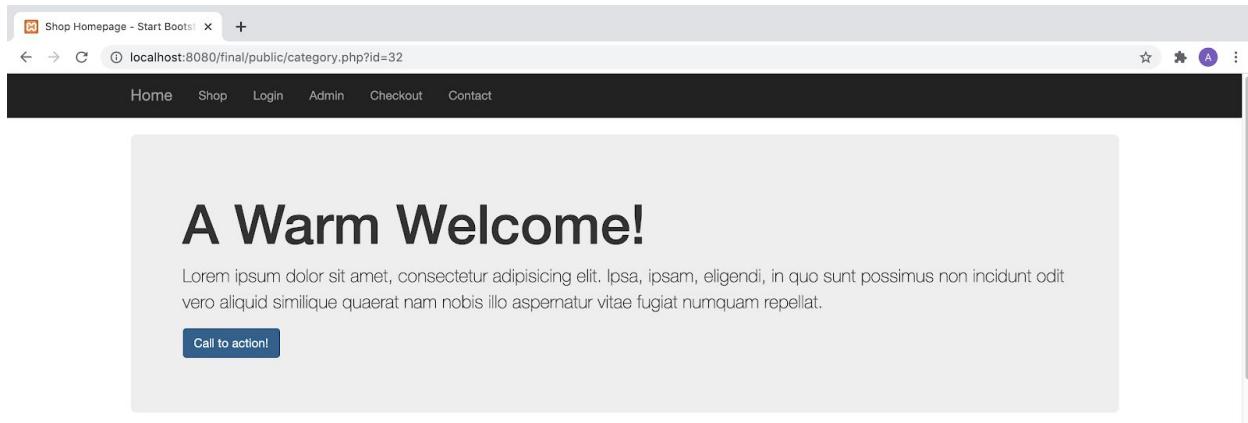
Wazy

Retzian

Barmy Army

LifeStyle Category-

Below is a screenshot of products which fall under the LifeStyle category.



The screenshot shows a web browser window with the URL `localhost:8080/final/public/category.php?id=32`. The page title is "Shop Homepage - Start Bootstrap". The navigation bar includes links for Home, Shop, Login, Admin, Checkout, and Contact. The main content area features a large header with the text "A Warm Welcome!" and a paragraph of placeholder text. Below this is a "Call to action!" button. A section titled "Latest Product" displays four items: "Iphone Accessories" (image of a red phone and accessories), "Antonin" (image of makeup products), "Jacklyn" (image of shoes), and "Air Pods" (image of hands holding AirPods). Each product item has a title, image, and a short description below it.

A Warm Welcome!

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Ipsa, ipsam, eligendi, in quo sunt possimus non incident odit vero aliquid similique querat nam nobis illo aspernatur vitae fugiat numquam repellat.

Call to action!

Latest Product

Iphone Accessories
Lorem ipsum dolor sit amet,

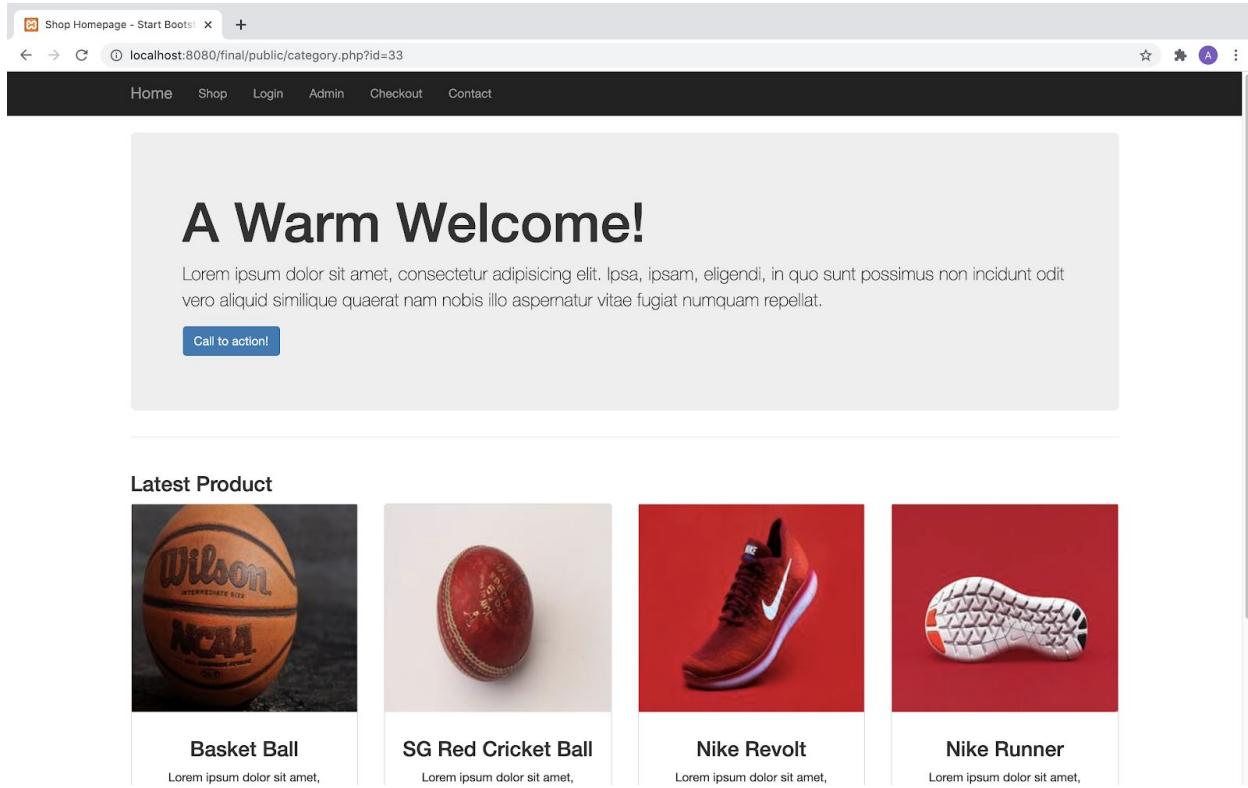
Antonin
Lorem ipsum dolor sit amet,

Jacklyn
Lorem ipsum dolor sit amet,

Air Pods
Lorem ipsum dolor sit amet,

Sports Category-

Below is a screenshot of products which fall under the Sports category.



Admin Login Page-

The Website has an administration section and we can have any number of admins.

The admins need to login into the admin page using a unique username and password.

Shop Homepage - Start Boots! x +
localhost:8080/final/public/login.php

Home Shop Login Admin Checkout Contact

Login

username
abhishek

Password

Submit

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Admin Page-

The admin will land on the Dashboard after successfully logging in.

The admin page contains following sections:

- Orders
- Reports
- View Product
- Add Product
- Categories
- Users
- Slides

The screenshot shows a web browser window titled "SB Admin - Bootstrap Admin T" with the URL "localhost:8080/final/public/admin/index.php?orders". The page has a dark sidebar on the left with various menu items. The main content area is titled "All Orders" and displays a table with one row of data.

ID	Amount	Transaction	Currency	Status
63	345	34535434	USD	Completed

Report Section-

Below is the Screenshot of Report Section.

The screenshot shows a web-based admin interface titled 'SB Admin - Bootstrap Admin'. The URL in the browser is 'localhost:8080/final/public/admin/index.php?reports'. The main content area is titled 'All Products' and displays a table of product data. The table has columns: Id, Product Id, Order Id, Price, Product title, and Product quantity. Two rows of data are shown:

Id	Product Id	Order Id	Price	Product title	Product quantity
37	1	61	24.99	product 1	1
38	1	62	24.99	product 1	1

Each row has a small red 'X' button in the last column, likely for deleting the product. The left sidebar contains navigation links: Dashboard, Orders, Reports, View Products, Add Product, Categories, Users, and Slides. The top right corner shows the user 'abhishek'.

All Products Section-

This section contains information about all products present on the website.

Each product has the following Attributes:

- Product id
- Title
- Category
- Price
- Quantity

The Red Cross is a delete button which deletes the product from the website and the same is reflected in the DataBase.

All Products					
Id	Title	Category	Price	Quantity	
113	Iphone Accessories	Life Style	25	10	
114	Antonin	Life Style	10	10	
115	Jacklyn	Life Style	25	10	
116	Air Pods	Life Style	30	6	
117	Charisse	Life Style	15	8	

Add Product-

The admin can add a new product through this section.

In order to add a new product the admin needs to fill the following fields such as:

- Product Title
- Product Description
- Product Price
- Product Short Description
- Product Category
- Product Quantity
- Product Image

On pressing the publish button the product is added to the site and the same is reflected in the DataBase.

The screenshot shows a web browser window titled 'SB Admin - Bootstrap Admin T...' with the URL 'localhost:8080/final/public/admin/index.php?add_product'. The page has a dark sidebar on the left with links: Dashboard, Orders, Reports, View Products, Add Product (which is highlighted), Categories, Users, and Slides. The main content area is titled 'Add Product'. It contains several input fields: 'Product Title' (text input), 'Product Description' (text area), 'Product Price' (text input), 'Product Short Description' (text area), 'Product Category' (dropdown menu with placeholder 'Select Category'), 'Product Quantity' (text input), and 'Product Image' (file input field with placeholder 'Choose file | No file chosen'). At the top right of the form are two buttons: 'Draft' (orange) and 'Publish' (blue).

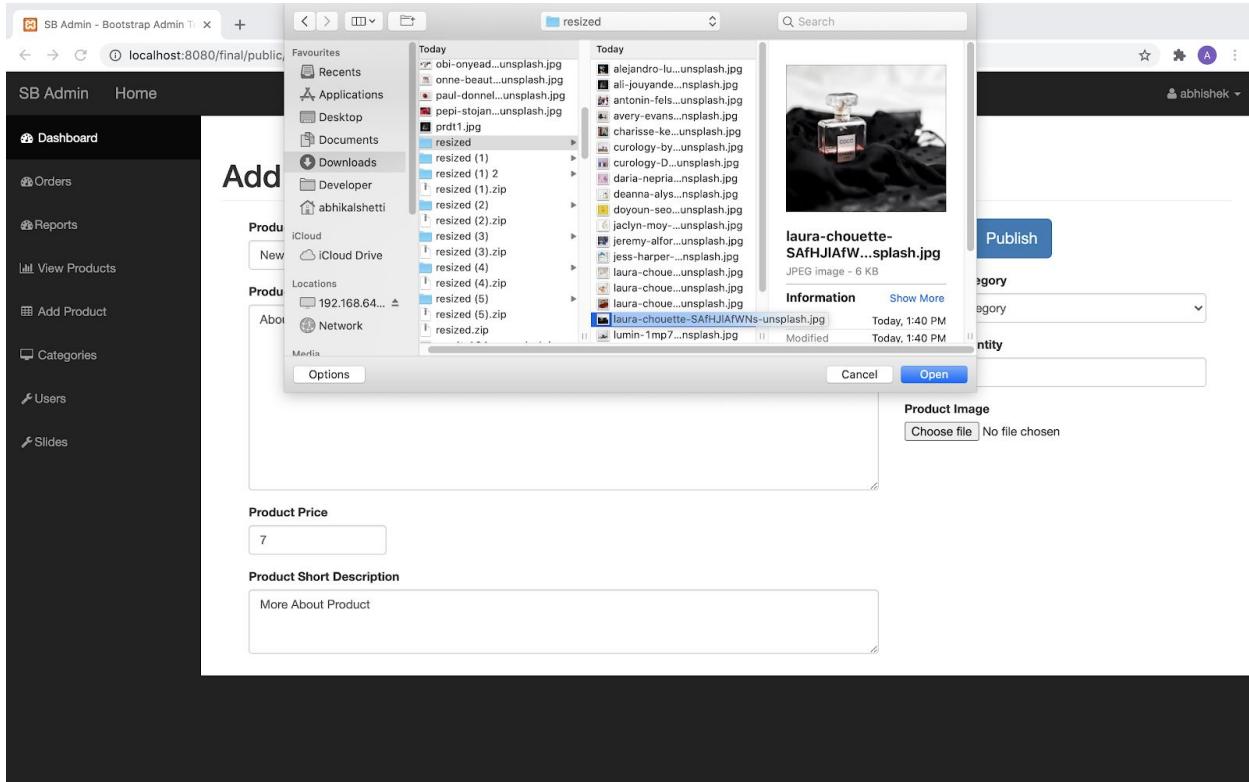
Example-**Adding Product Details:**

ScreenShot of a product being added to the website.

The screenshot shows a web-based administration interface for a product database. The top navigation bar includes a logo, the title 'SB Admin - Bootstrap Admin T...', a search bar, and user information ('abhishek'). The left sidebar contains a dark-themed navigation menu with links to 'Dashboard', 'Orders', 'Reports', 'View Products', 'Add Product' (which is currently selected), 'Categories', 'Users', and 'Slides'. The main content area is titled 'Add Product'. It features several input fields: 'Product Title' (containing 'New Addition'), 'Product Description' (containing 'About Product'), 'Product Price' (containing '7'), and 'Product Short Description' (containing 'More About Product'). There are two buttons at the top right: 'Draft' (orange) and 'Publish' (blue). A dropdown menu for 'Product Category' is open, showing a list with a checked item: 'Select Category' (T-SHIRTS, Lite Style, Sports). Below the dropdown is a 'Product Image' field with a placeholder 'Choose file | No file chosen'.

Select Product Image-

A dialogue box will appear to select the product image.



Added new product show in all product section-

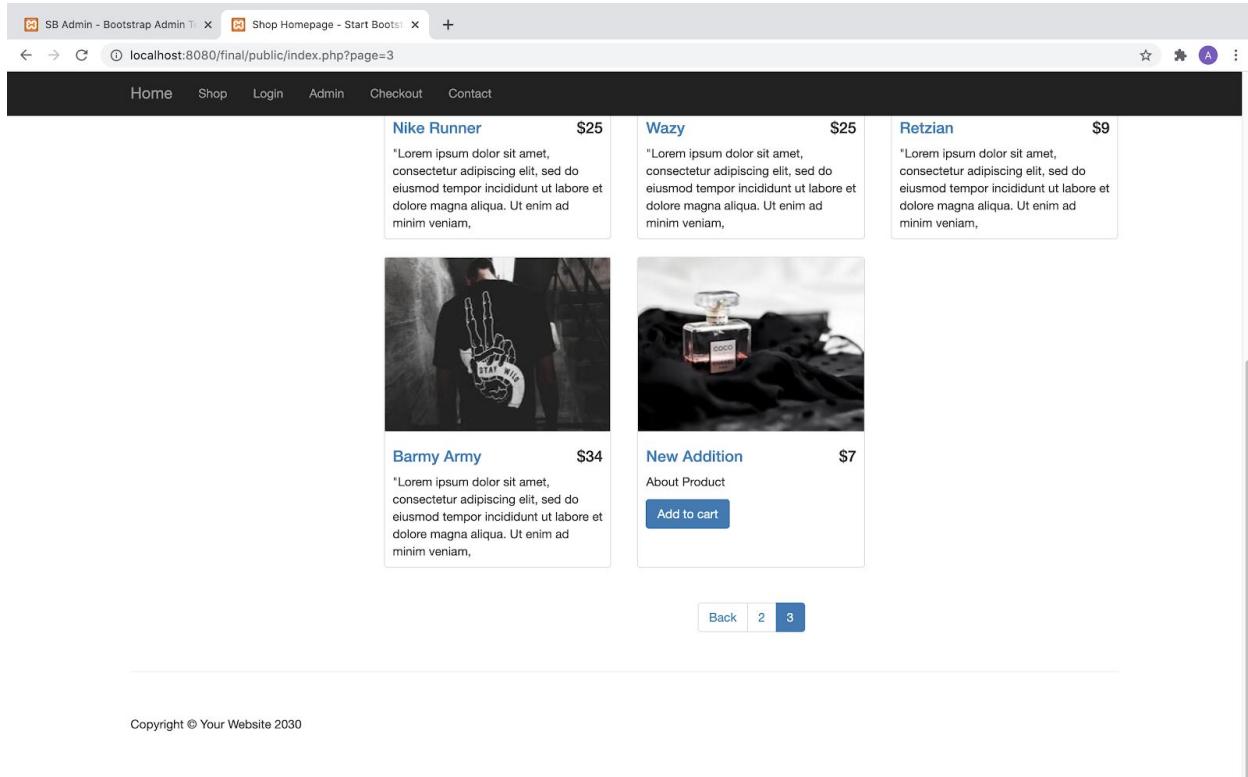
Once a product is published it will be shown in the all product section.

The screenshot shows a web-based administration interface for a product database. The left sidebar contains navigation links: Dashboard, Orders, Reports, View Products (selected), Add Product, Categories, Users, and Slides. The main content area displays a table of products:

ID	Name	Category	Stock	Price	Action
125	Nike Runner	Sports	25	45	X
126	Wazy	T-SHIRTS	25	56	X
127	Retzian	T-SHIRTS	9	34	X
128	Barmy Army	T-SHIRTS	34	5	X
129	New Addition	Life Style	7	5	X

Added product in respective category-

The new product will now be displayed in whichever category the admin chose.



The screenshot shows a web browser window with two tabs: "SB Admin - Bootstrap Admin T" and "Shop Homepage - Start Boots". The main content area displays a shopping cart with five items:

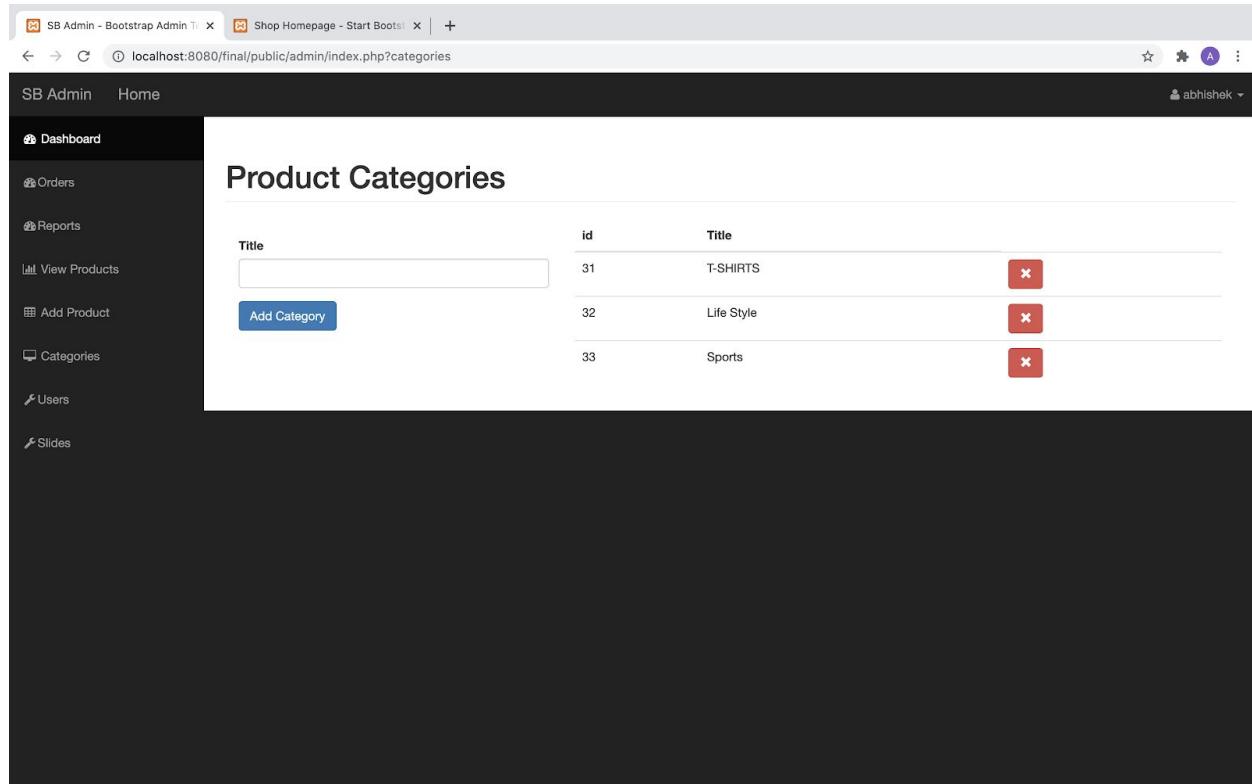
Product	Description	Price
Nike Runner	"Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,"	\$25
Wazy	"Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,"	\$25
Retzian	"Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,"	\$9
Barmy Army	"Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,"	\$34
New Addition	About Product Add to cart	\$7

At the bottom of the page, there is a navigation bar with links: Back, 2, and 3.

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Product Categories Section-

Below is the Product Category Section admin can create any number of distinct categories and then these products can be added in anyone category based on their type/category to which the belong to.



The screenshot shows a web-based administrative interface for managing product categories. The top navigation bar includes tabs for 'SB Admin' and 'Home', and a user profile for 'abhishek'. Below the header, a sidebar on the left lists various administrative functions: Dashboard, Orders, Reports, View Products, Add Product, Categories, Users, and Slides. The main content area is titled 'Product Categories' and contains a table with three rows of data. The table has columns for 'id' and 'Title'. Each row includes a red 'X' button for deletion. The data is as follows:

	Title	
31	T-SHIRTS	X
32	Life Style	X
33	Sports	X

At the bottom of the main content area, there is a blue button labeled 'Add Category'.

Example-

Adding new category

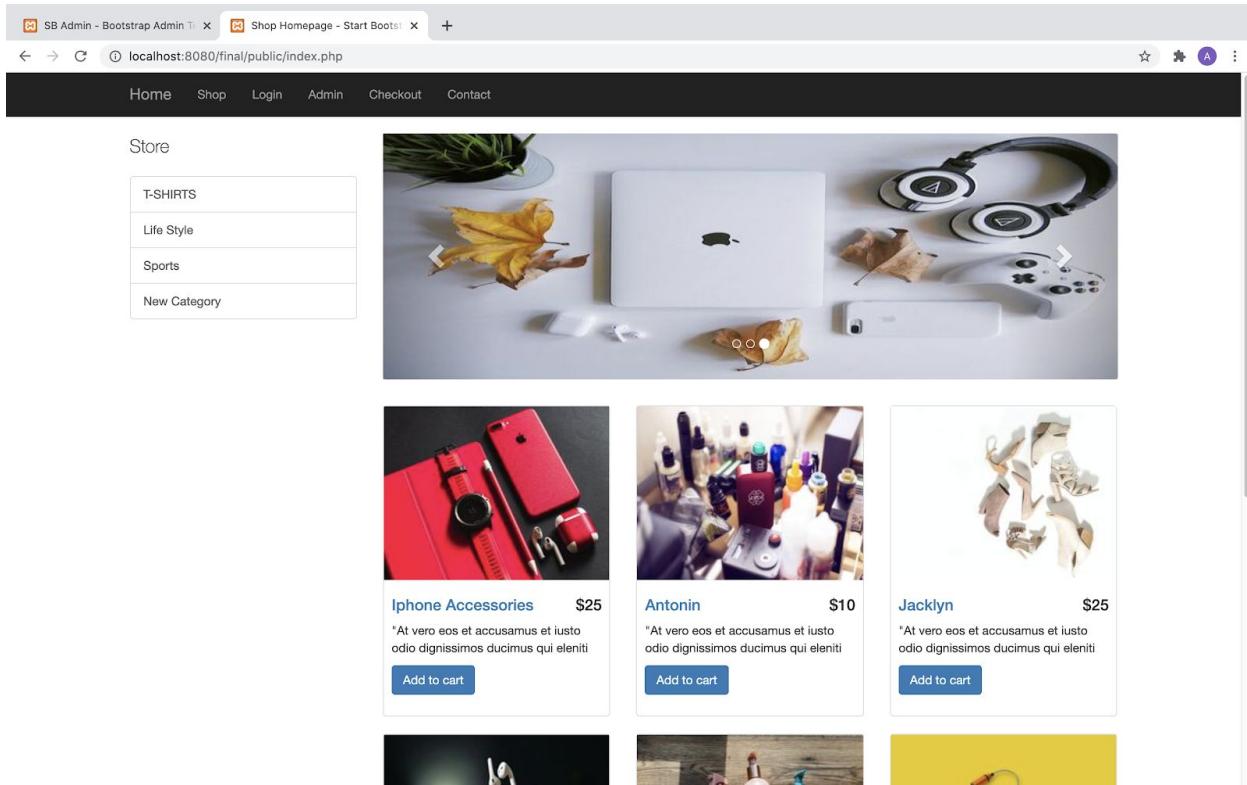
The screenshot shows a web browser window with two tabs: 'SB Admin - Bootstrap Admin T...' and 'Shop Homepage - Start Boots...'. The main content is a dark-themed admin interface titled 'Product Categories'. On the left is a sidebar with links like Dashboard, Orders, Reports, View Products, Add Product, Categories, Users, and Slides. The 'Categories' link is highlighted. The main area has a green header bar with 'Category Created'. Below it is a form with a 'Title' input field containing 'New Category' and a blue 'Add Category' button. To the right is a table with columns 'id' and 'Title'. The table contains four rows:

id	Title
31	T-SHIRTS
32	Life Style
33	Sports
34	New Category

Each row has a small red 'X' button to its right.

Home page now contains new category-

Once the admin adds a category successfully it's reflected on the home page as well the website database.



Current Admins-

Below is the Screenshot of all the different admin users created.

By clicking on the button “Add User” one can create a new admin.

To create a new admin we need to fill the following three fields:

- Username
- Email
- Password

The screenshot shows a web-based administration interface for managing users. The URL in the browser is `localhost:8080/final/public/admin/index.php?users`. The top navigation bar includes links for 'SB Admin' and 'Home', and a user profile for 'abhishek'. On the left, a sidebar menu lists various administrative functions: Dashboard, Orders, Reports, View Products, Add Product, Categories, Users (which is currently selected), and Slides. The main content area is titled 'Users' and contains a table with the following data:

Id	Username	Email	Action
6	abhishek	abhishek@gmail.com	X
8	adminuser	admin@gmail.com	X
10	husain	husain@gmail.com	X
11	bhashya	bhashya@gmail.com	X

Add new Admin-

Fill the following fields in order to create a new admin.

The screenshot shows a web application interface for adding a new user. The URL in the address bar is `localhost:8080/final/public/admin/index.php?add_user`. The top navigation bar includes links for 'SB Admin' and 'Home'. On the far right, there's a user profile icon for 'abhishek'. The left sidebar contains a dark menu with items: 'Dashboard', 'Orders', 'Reports', 'View Products', 'Add Product', 'Categories', 'Users', and 'Slides'. The main content area is titled 'Add User Page' and features a placeholder user icon. It includes four input fields: a file input labeled 'Choose file ... t 8.22.10 PM', a text input for 'Username' containing 'NewAdmin', a text input for 'Email' containing 'adminnew@gmail.com', and a text input for 'Password' containing '....'. Below these inputs are two buttons: a red 'Delete' button and a blue 'Add User' button. The entire form is set against a white background within a dark-themed browser window.

New admin added to the database.

Users			
Add User	Id	Username	Email
	6	abhishek	abhishek@gmail.com
	8	adminuser	admin@gmail.com
	10	husain	husain@gmail.com
	11	bhashya	bhashya@gmail.com
	12	NewAdmin	adminnew@gmail.com

Slides Section-

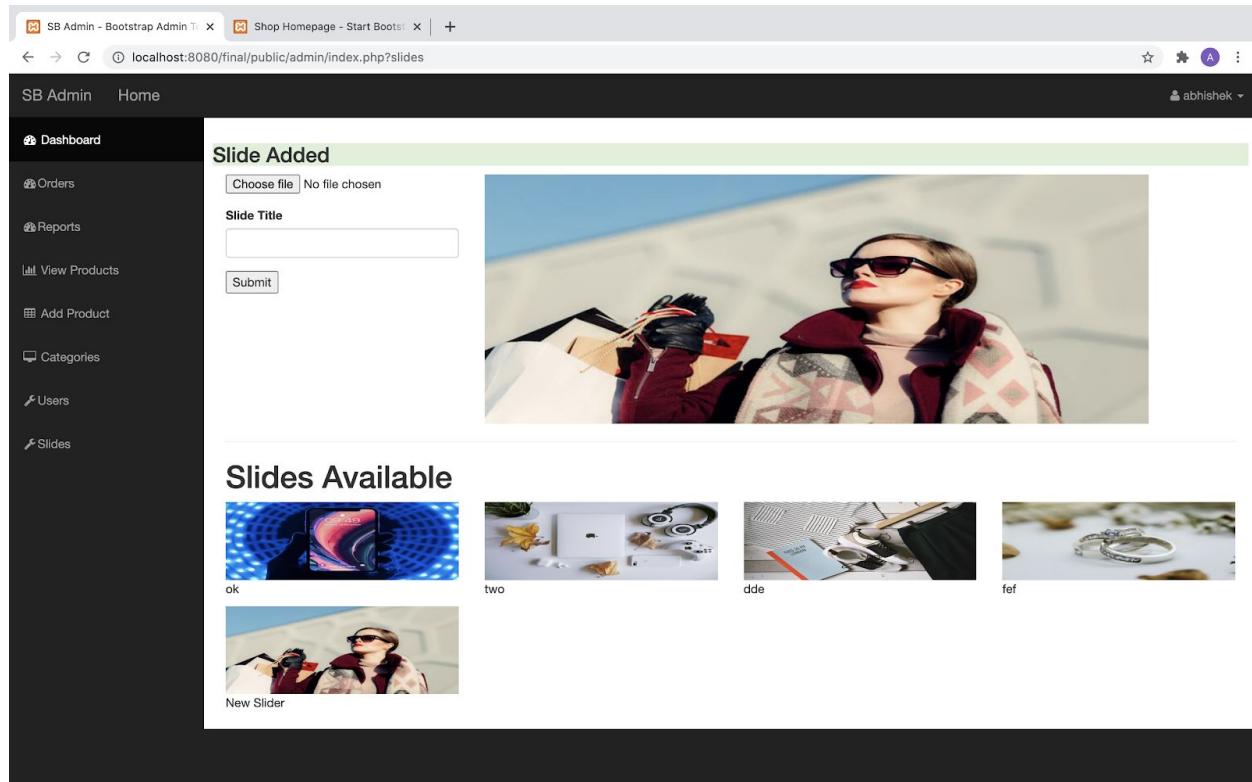
A little front end innovation which helps you to customize the look for your home page carousel depending on hot offers/sales going live on the website.

Adding New Slide-

Inorder to add a new slide admin needs to choose an image.

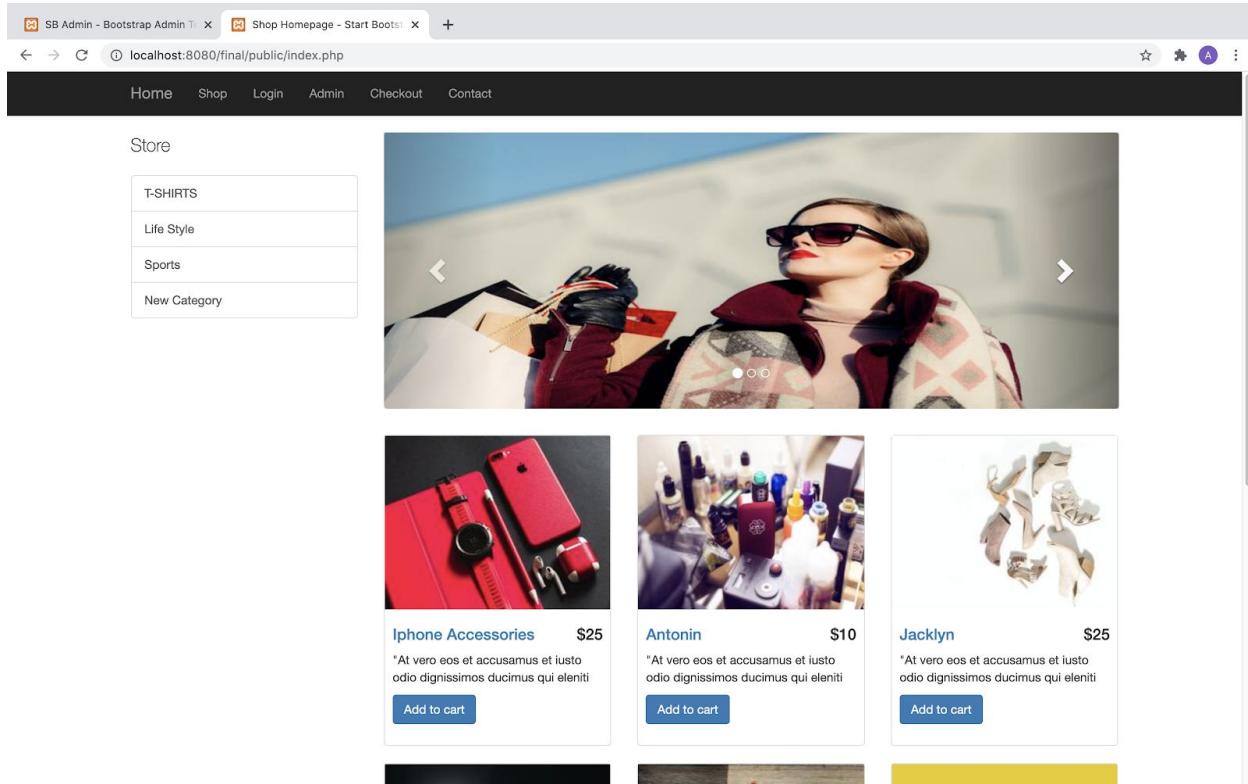
Give the slide and title.

On submitting a new image can be seen on the carousel of the home page.



New Added Slide on home page-

The added slide is now reflecting on the home page.



Cart Page-

A user can choose products from a large set of options available on the website.

This is the checkout page where you can see the following details about the product present in your cart:

- Product name
- Price
- Quantity
- Sub-Total

Button	Function
Increase Quantity by one	
Decrease Quantity by one	
Delete Item from cart	

The check out also shows the cart total in the bottom right corner of the page:

Cart Totals

Items:	5
Shipping and Handling	Free Shipping
Order Total	\$95

ScreenShot of the cart in checkout page:

Once the user is ready to buy he/she needs to click on the button “Buy Now” and the user will be redirected to a paypal payment gateway for the future procedure of payment.

The screenshot shows a web browser window with the title "Shop Homepage - Start Boots!". The address bar displays "localhost:8080/final/public/checkout.php". The page has a dark header with navigation links: Home, Shop, Login, Admin, Checkout, and Contact. Below the header is a table showing the shopping cart items:

Product	Price	Quantity	Sub-total	
Iphone Accessories	\$25	2	\$50	[+] [-] [X]
Air Pods	\$30	1	\$30	[+] [-] [X]
DoYouOn	\$20	1	\$20	[+] [-] [X]
Nike Revolt	\$11	1	\$11	[+] [-] [X]
New Addition	\$7	1	\$7	[+] [-] [X]

Below the table is a yellow "Buy Now" button. To the right of the table is a "Cart Totals" section with a table:

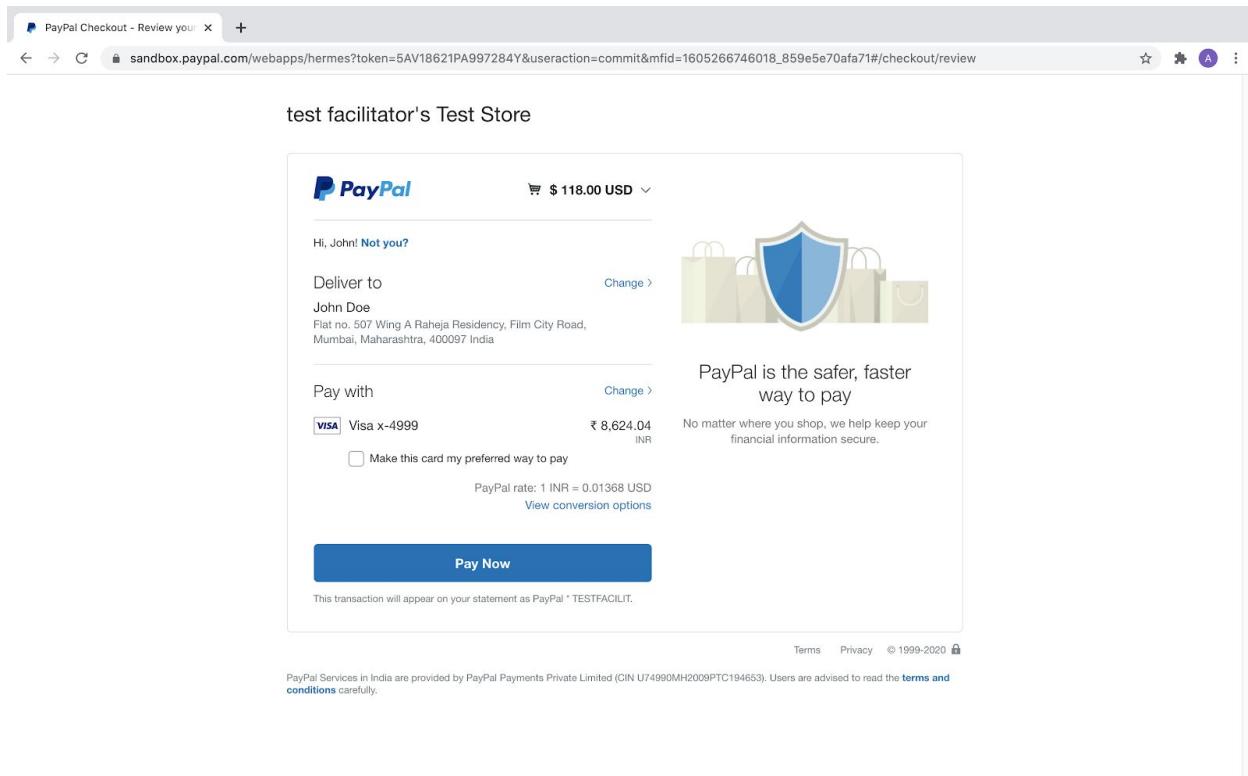
Items:	6
Shipping and Handling	Free Shipping
Order Total	\$118

At the bottom left of the page, there is a copyright notice: "Copyright © Your Website 2030".

PayPal Payment Gateway-

Below is the screenshot of the page which shows important details of the user such as:

- Address of the user/location where the product needs to be delivered which the user can change easily.
- The user can also change the payment method with respect to his/her convenience.



Changing Address :

test facilitator's Test Store

Add delivery address

India

Address line 1

Address line 2

Town/City

County/State

PIN code



\$ 120.00 USD

Hi, John!

Deliver to [Change >](#)

John Doe
Flat no. 507 Wing A Raheja Residency, Film City Road,
Mumbai, Maharashtra, 400097 India

Pay with [Change >](#)

 Visa x-4999 ₹ 8,770.29 INR

Make this card my preferred way to pay

PayPal rate: 1 INR = 0.01368 USD [View conversion options](#)

This transaction will appear on your statement as PayPal * TESTFACILIT.

[Terms](#) [Privacy](#) © 1999-2020 

PayPal Services in India are provided by PayPal Payments Private Limited (CIN U74990MH2009PTC194653). Users are advised to read the [terms and conditions](#) carefully.

Changing Payment method:

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The image shows a split-screen payment interface. On the left, a 'Link card' form is displayed with fields for Name (John Doe), Card Type (Discover/VISA), Card number, Expiry Date, CVV, and Billing Address (Flat no. 507 Wing A Raheja Residency, Film City Road, Mumbai, Maharashtra, 400097 India). A blue 'Add' button is at the bottom. On the right, a PayPal payment summary is shown for a \$120.00 USD transaction. It includes the recipient (Hi, John!), delivery address (John Doe, Flat no. 507 Wing A Raheja Residency, Film City Road, Mumbai, Maharashtra, 400097 India), payment method (Visa x-4999, ₹ 8,770.29 INR), and a note about the transaction appearing on the statement as PayPal * TESTFACILIT.

Link card

John Doe

Discover VISA

Card number

Expiry Date CVV

MM/YY 3 digits

Billing Address Add

Flat no. 507 Wing A Raheja R...

Add

PayPal \$ 120.00 USD

Hi, John!

Deliver to John Doe
Flat no. 507 Wing A Raheja Residency, Film City Road, Mumbai, Maharashtra, 400097 India

Change

Pay with Visa x-4999 ₹ 8,770.29 INR

Make this card my preferred way to pay

PayPal rate: 1 INR = 0.01368 USD

View conversion options

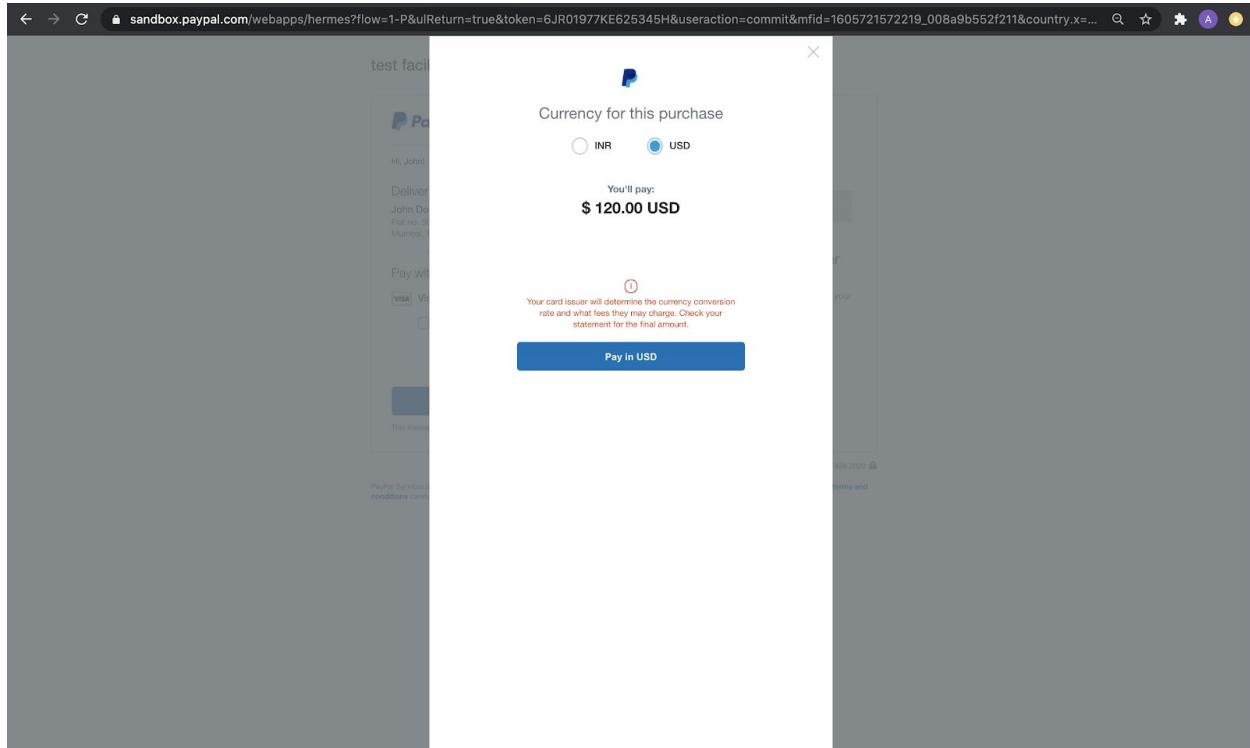
This transaction will appear on your statement as PayPal * TESTFACILIT.

Terms Privacy © 1999-2020

PayPal Services in India are provided by PayPal Payments Private Limited (CIN U74990MH2009PTC194653). Users are advised to read the [terms and conditions](#) carefully.

The user can pay with any currency i.e USD,NZD,RUPEES etc.

The user is able to see the actual conversion rates-



Before Confirming the payment the user can check/verify all the items in the cart present, their price, the quantity of each product chosen which is a very important feature with respect to the user which just makes their shopping experience very unique and comfortable.

test facilitator's Test Store

Hi, John!

Deliver to
John Doe
Flat no. 507 Wing
Mumbai, Maharashtra

Pay with
Visa x-49
 Make

test facilitator's Test Store	
Iphone Accessories More	\$ 50.00 USD
Antonin More	\$ 10.00 USD
Jacklyn More	\$ 25.00 USD
Charisse More	\$ 15.00 USD
DoYouOn	\$ 20.00 USD
Item #: 118	
Less	
Item total	\$ 120.00 USD
Total	\$ 120.00 USD

Pay Now

This transaction will appear on your statement as PayPal * TESTFACILIT.



PayPal is the safer, faster way to pay

No matter where you shop, we help keep your financial information secure.

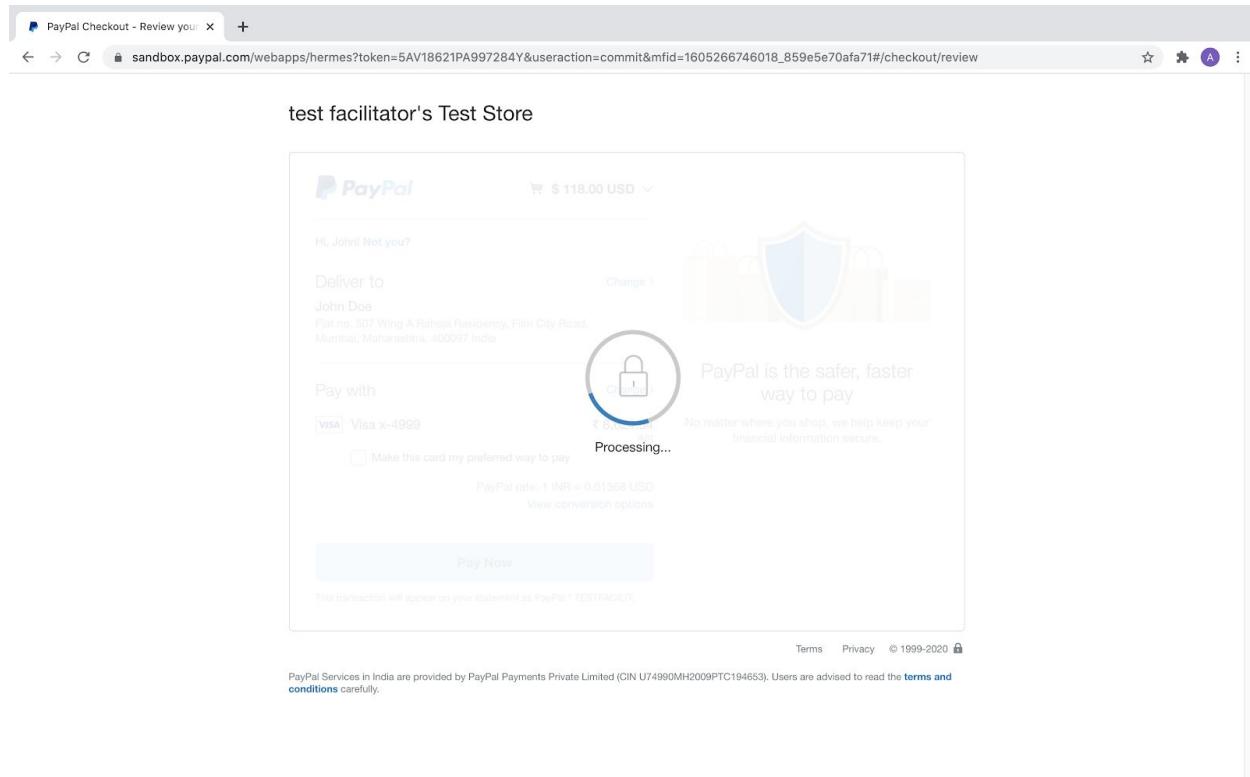
[Terms](#) [Privacy](#) © 1999-2020 

PayPal Services in India are provided by PayPal Payments Private Limited (CIN U74990MH2009PTC194653). Users are advised to read the [terms and conditions](#) carefully.

Payment Processing-

Once the user clicks on the “Pay Now” button the payment will be processed.

A ScreenShot of Payment Processing is shown below-



Payment Completion-

After the processing is finished and payment is done the user will be directed to a page which will show that the payment is complete and some more details regarding the payment.

This will contain all the details of the product present in cart, the quantity of each product and all other details like:

- Subtotal
- Shipping Charges
- Insurance
- Handling Charges
- Discount

The Order details will be added in a new row in the order table and the same changes will be reflected in the order section of Admin Page.

You paid \$ 118.00 USD

to test facilitator's Test Store
[Details](#)

2 x Iphone Accessories	\$ 25.00 USD
Item #: 113	
1 x Air Pods	\$ 30.00 USD
Item #: 116	
1 x DoYouOn	\$ 20.00 USD
Item #: 118	
1 x Nike Revolt	\$ 11.00 USD
Item #: 124	
1 x New Addition	\$ 7.00 USD
Item #: 129	
Subtotal	\$ 118.00 USD
Shipping	\$ 0.00 USD
Insurance	\$ 0.00 USD
Handling	\$ 0.00 USD
Discount	\$ 0.00 USD
Total	\$ 118.00 USD

Get your PayPal receipts in Messenger

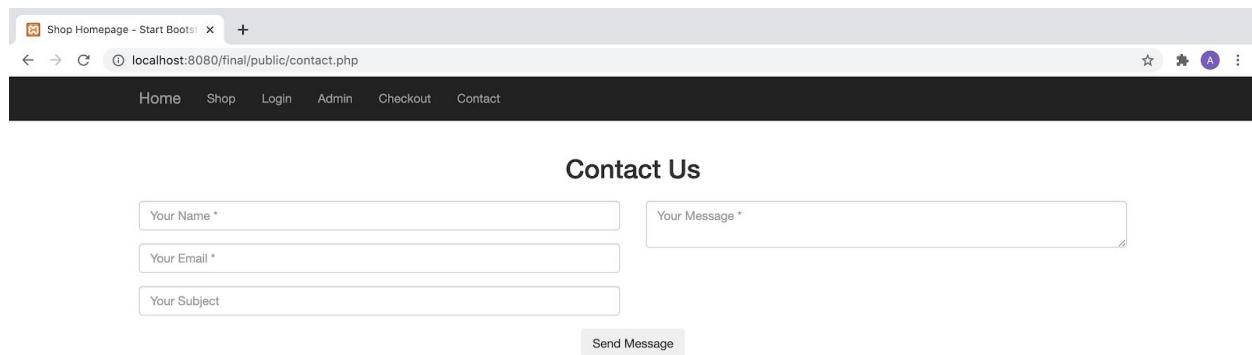
[Dad with](#)

Contact Page-

The site also contains a “Contact Us” feature which will play a role to connect the user with administration.

Following fields are supposed to field by an user in order to send any message to the administration:

- Name
- Email
- Subject
- Message



A screenshot of a web browser window displaying a contact form. The title bar shows "Shop Homepage - Start Bootstrap" and the address bar shows "localhost:8080/final/public/contact.php". The page has a dark header with navigation links: Home, Shop, Login, Admin, Checkout, and Contact. The main content area is titled "Contact Us" and contains four input fields: "Your Name *", "Your Email *", "Your Subject", and a large "Your Message *" text area. A "Send Message" button is located below the message area.

Example:

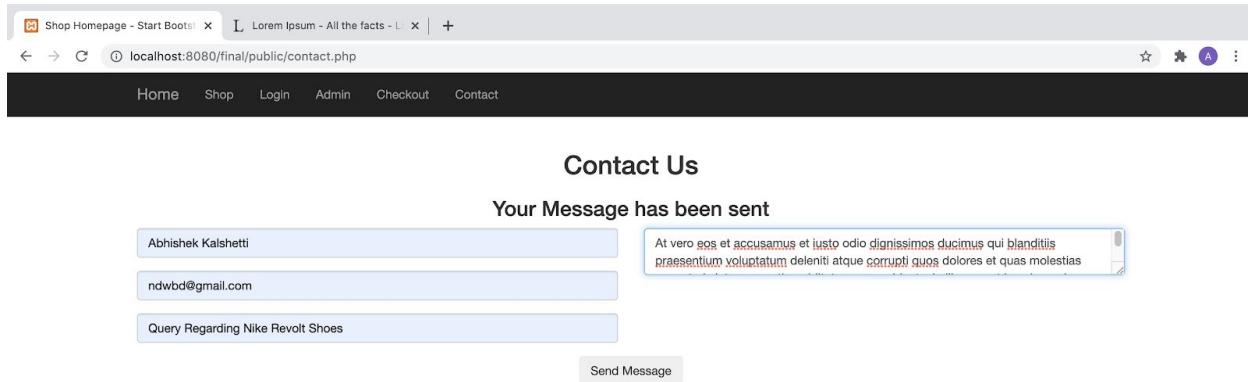
A screenshot of a user sending message to the administration-

Sending a message to admin-

The screenshot shows a web browser window with the title "Shop Homepage - Start Boots!". The address bar displays "localhost:8080/final/public/contact.php". The page has a dark header with navigation links: Home, Shop, Login, Admin, Checkout, and Contact. Below the header, the main content area is titled "Contact Us". It contains three input fields: one for the name "Abhishek Kalshetti", one for the email "csabhishekti14@gmail.com", and one for the query "Query Regarding Nike Revolt Shoes". To the right of these fields is a text area containing a quote: "On the other hand, we denounce with righteous indignation and dislike men who are so beguiled and demoralized by the charms of pleasure of the moment, so". A "Send Message" button is located at the bottom right of the form.

Message Sent Successfully-

Once the message is sent the page responds with a message “Your Message has been Sent” making the website interactive and responsive.



The screenshot shows a web browser window with two tabs open: "Shop Homepage - Start Bootstrap" and "Lorem Ipsum - All the facts - L...". The main content area displays a "Contact Us" form. The form fields are as follows:

- Name: Abhishek Kalshetti
- Email: ndwbd@gmail.com
- Message: At vero eos et accusamus et iusto odio dignissimos ducimus qui blanditiis praesentium voluptatum deleniti atque corrupti quos dolores et quas molestias
- Subject: Query Regarding Nike Revolt Shoes

A "Send Message" button is visible below the message field. The browser's address bar shows the URL: localhost:8080/final/public/contact.php.

Features that make our website different from other contemporary website that are existing in the market:

1. Our website provides more flexibility as the user can change his/her address.
2. We accept payment by different cards/banks.
3. It's very easy for the user to get in contact with the administrator with the implementation of Contact Page.
4. Our platform provides a flexible feature in terms of adding a product that just makes our website showcase more versatile products.
5. We have integrated the front end of the website with the admin side which helps to make immediate changes in UI very easily.

Future Scope:

E-commerce has bloomed over the years and is one of the fastest-growing domains in the online world. Though it took some time for this to be accepted by the end-users, today we are at a point where the majority of the people love to shop online. There were numerous concerns revolving around online shopping at its launch, but over years people tend to have started trusting E-commerce for all their shopping needs.

In India, people prefer shopping online these days rather than having to visit the physical store. The payment features that are smart and secure as well as the cash on delivery (COD), which makes the payment, even more, safer with hassle-free shipping, easy returns and reach out.

For now we have products like lifestyle,sports,clothing,cosmetics etc. The implementation of this website is done in such a manner that it can be used for multiple platforms. The implementation is a mix of inspiration from websites like Amazon,Flipkart (which are known to sell products like electronics,clothing,lifestyle etc.) and also from educational platforms like Udemy,Udacity,edX ,etc. And thus we are looking forward to making our website into an educational website which will offer versatile courses related to Computer Science subjects like Artificial Intelligence,Machine Learning,Mobile App Development ,Web Development etc.

Conclusion:

The implementation of this project led us to a lot of research about ecommerce websites which helped us to understand how actually an online store works and what are the necessary parameters to be considered while implementing this website.

The impact that these platforms have in today's date both as a consumer and seller are simply incredible.

Ecommerce websites have made the world seem smaller and more connected. The amount of opportunities these platforms give are remarkable.The simple idea of making a store online has opened up so many possibilities.It has provided the consumers with multiple options for the same product and for a seller it has provided a global reach. As students we learnt a lot about integrating secure payment gateways to our website and helped us a lot to explore different kinds of support developers get from big companies like paypal,paytm,google etc.

Thus we have learnt the importance of an ecommerce websites in our life,some of which are listed below:

It's More Convenient

An online store is available all day, every day meaning your customers can visit your store at all times, no matter what their schedule might be. These days people don't always have the time to physically go shopping, instead more and more people are choosing to shop online to find the items they want or need and if your business can offer this for your customers there's no you shouldn't appeal to a wider range of customers all looking for a convenient and flexible experience.

Increase Your Reach

Due to the internet's accessibility, millions of people across the world can view your website at any time, meaning that for those looking to expand their businesses and reach out to a larger audience, you have many more opportunities to do so. Compare the amount of people you can reach through a website to the amount you can reach through a high street store or local advertising, there's no reason you shouldn't look at taking your business online if you're looking to improve your reach.

Gives You Marketing Opportunities

Your website is one of the best marketing tools your business has, not only can the use of SEO when building your site lead to more chances of your business getting found in search engines, but a huge number of marketing techniques can also work alongside your website, including pay per click advertising, your social media marketing and your email marketing, all of which can include links back to your website.

Scalable

As your business grows it's very likely you'll want to grow your product range and your target audience, as well as develop your business for customer requirements and consumer demand. An ecommerce site lets you scale your business accordingly, allowing you to add more lines, add more payment options and even grow when you choose to ship to, without having to worry about changing your location or moving to a larger premises like you might with a brick and mortar store.

Ecommerce offers business a whole range of opportunities, from marketing opportunities to increasing your products ranges to generating more sales and with an optimised and well developed website you can not only achieve these goals but also offer your customers a round the clock, convenient service that can boost your business.

