# A PROJECT REPORT

## ON

## SHOPEZY ,ECOMMERCE WEBSITE

## UNDER THE SUPERVISION OF

## DR. LOV KUMAR



**BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE,PILANI**

**HYDERABAD CAMPUS**

**(APRIL 2022)**

**CS F212,DATABASE MANAGEMENT SYSTEM**

## Group Number: 20

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# Acknowledgements:

We would like to thank Dr. Lov Kumar for providing us with an opportunity to work on this project, which allowed us to apply our knowledge of the course to the real world. We would also like to express our gratitude for their guidance throughout the course and this assignment. This assignment has certainly developed our skills and has given us the necessary tools to excel further in this field.

# Introduction

ShopEzy is an Ecommerce customer and inventory management system. It would provide the customers a clean interface for ordering products which they want.The products will include many categories like electronics,clothing etc.The platform has several types of users,products, and categories. A user can have one of the following roles: customer or admin. An administrator can manage inventory, orders and categories. A customer can review and order products based on their choices.We have assumed that products have a single identification tag, i.e. ProductID.

# Implementation details:

- HTML
- CSS
- PHP
- MySQL

# ER Diagram:

Entity Relationship Diagram - ShopEzy
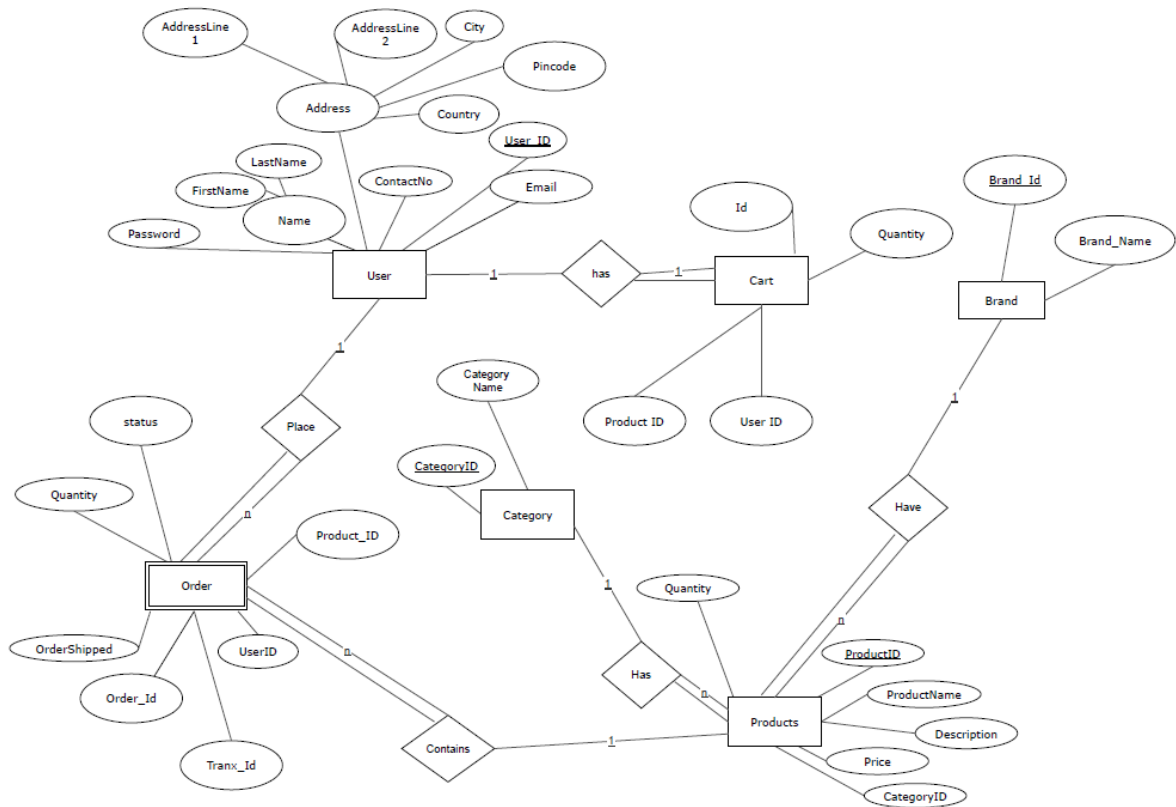
# Tables

| Table 1:User_Info | CustomerID | FirstName | LastName | Email | ContactNo | Password | AddressLine1 |
|---|---|---|---|---|---|---|---|
| Addressline2 | city | Pincode | Country | | | | |

| Table 2 : Order | CustomerID | OrderID | ProductID | Quantity | Transaction ID | Status |
|---|---|---|---|---|---|---|

| Table 3 : Cart | ID | Product ID | IP Address | CustomerID | Quantity |
|---|---|---|---|---|---|

| Table 4: Product | ProductID | Title | Description | Price | Quantity | Category ID | Product brand |
|---|---|---|---|---|---|---|---|

| Table 5: Brand | Brand ID | Brand Name |
|---|---|---|

| Table 6: Category table | Category ID | Category name |
|---|---|---|

# Screenshots of Database :

**phpMyAdmin**

Recent | Favorites

New
- ecommerceapp
  - New
  - admin
  - brands
  - cart
  - categories
  - orders
  - products
  - user_info
- information_schema
- mysql
- performance_schema
- phpmyadmin
- test

Server: 127.0.0.1 » Database: ecommerceapp

Structure | SQL | Search | Query | Export | Import | Operations | Privileges | Routines | Events | Triggers | Tracking | Designer

**Filters**

Containing the word:

| Table | Action | | | | | | | Rows | Type | Collation | Size | Overhead |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| admin | Browse | Structure | Search | Insert | Empty | Drop | | 2 | InnoDB | latin1_swedish_ci | 32.0 KiB | - |
| brands | Browse | Structure | Search | Insert | Empty | Drop | | 10 | InnoDB | latin1_swedish_ci | 16.0 KiB | - |
| cart | Browse | Structure | Search | Insert | Empty | Drop | | 4 | InnoDB | latin1_swedish_ci | 16.0 KiB | - |
| categories | Browse | Structure | Search | Insert | Empty | Drop | | 8 | InnoDB | latin1_swedish_ci | 16.0 KiB | - |
| orders | Browse | Structure | Search | Insert | Empty | Drop | | 7 | InnoDB | latin1_swedish_ci | 16.0 KiB | - |
| products | Browse | Structure | Search | Insert | Empty | Drop | | 8 | InnoDB | latin1_swedish_ci | 48.0 KiB | - |
| user_info | Browse | Structure | Search | Insert | Empty | Drop | | 3 | InnoDB | latin1_swedish_ci | 16.0 KiB | - |
| 7 tables | Sum | | | | | | | 42 | InnoDB | utf8mb4_general_ci | 160.0 KiB | 0 B |

Check all | With selected:

Print | Data dictionary

**Create table**

Name: | Number of columns: 4

Go



New
- ecommerceapp
  - New
  - admin
  - brands
  - cart
  - categories
  - orders
  - products
  - user_info
- information_schema
- mysql
- performance_schema
- phpmyadmin
- test

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

| | brand_id | brand_title |
|---|---|---|
| | 1 | HP |
| | 2 | Samsung |
| Edit Copy Delete | 3 | Apple |
| Edit Copy Delete | 4 | Sony |
| Edit Copy Delete | 5 | LG |
| Edit Copy Delete | 6 | OnePlus+ |
| Edit Copy Delete | 7 | Excl |
| Edit Copy Delete | 8 | Aduro |
| Edit Copy Delete | 9 | Dr. Martens |
| Edit Copy Delete | 10 | Hot Toys |

Click the drop-down arrow to toggle column's visibility.



New
- ecommerceapp
  - New
  - admin
  - brands
  - cart
  - categories
  - orders
  - products
  - user_info
- information_schema
- mysql
- performance_schema
- phpmyadmin
- test

Showing rows 0 - 1 (2 total, Query took 0.0026 seconds.)

SELECT * FROM `admin`

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

| | id | name | email | password | is_active |
|---|---|---|---|---|---|
| Edit Copy Delete | 5 | Bruno | brunoadmin@gmail.com | $2y$10$qZ0OoyX8bhAVxDFM/fx8leZSZwlyq15c1C/KTnaqDLS... | 0 |
| Edit Copy Delete | 8 | Harry Den | harryden@gmail.com | $2y$10$YKSDtra7v2wH6ORYfry8Ue9t49pk1AvQvdJGuq4lDvF... | 0 |

Check all | With selected: Edit | Copy | Delete | Export

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

**Query results operations**

## cart table

SELECT * FROM `cart`

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

| | | | | id | p_id | ip_add | user_id | qty |
|---|---|---|---|---|---|---|---|---|
| ☐ | Edit | Copy | Delete | 1 | 4 | ::1 | 4 | 1 |
| ☐ | Edit | Copy | Delete | 5 | 10 | ::1 | 7 | 1 |
| ☐ | Edit | Copy | Delete | 6 | 1 | ::1 | -1 | 1 |
| ☐ | Edit | Copy | Delete | 7 | 2 | ::1 | -1 | 1 |

☐ Check all    With selected:  ✏ Edit    Copy    ● Delete    Export

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

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phpMyAdmin

Recent  Favorites

New
ecommerceapp
  New
  admin
  brands
  cart
  categories
  orders
  products
  user_info
information_schema
mysql
performance_schema
phpmyadmin
test

Server: 127.0.0.1 » Database: ecommerceapp » Table: categories

Browse   Structure   SQL   Search   Insert   Export   Import   Privileges   Operations   Tracking   Triggers

✓ Showing rows 0 - 7 (8 total, Query took 0.0014 seconds.)

SELECT * FROM `categories`

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

| | | | | cat_id | cat_title |
|---|---|---|---|---|---|
| ☐ | Edit | Copy | Delete | 2 | Electronics |
| ☐ | Edit | Copy | Delete | 3 | Home & Kitchen |
| ☐ | Edit | Copy | Delete | 4 | Tools & Home Improvement |
| ☐ | Edit | Copy | Delete | 5 | CDs & Vinyl |
| ☐ | Edit | Copy | Delete | 6 | Clothings |
| ☐ | Edit | Copy | Delete | 12 | Mobiles |
| ☐ | Edit | Copy | Delete | 13 | Automotive Parts & Accessories |
| ☐ | Edit | Copy | Delete | 14 | Toys |

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phpMyAdmin

Recent  Favorites

New
ecommerceapp
  New
  admin
  brands
  cart
  categories
  orders
  products
  user_info
information_schema
mysql
performance_schema
phpmyadmin
test

Server: 127.0.0.1 » Database: ecommerceapp » Table: orders

Browse   Structure   SQL   Search   Insert   Export   Import   Privileges   Operations   Tracking   Triggers

✓ Showing rows 0 - 6 (7 total, Query took 0.0033 seconds.)

SELECT * FROM `orders`

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

| | | | | order_id | user_id | product_id | qty | trx_id | p_status |
|---|---|---|---|---|---|---|---|---|---|
| ☐ | Edit | Copy | Delete | 1 | 1 | 1 | 1 | 9L434522M7706801A | Completed |
| ☐ | Edit | Copy | Delete | 2 | 1 | 2 | 1 | 9L434522M7706801A | Completed |
| ☐ | Edit | Copy | Delete | 3 | 1 | 3 | 1 | 9L434522M7706801A | Completed |
| ☐ | Edit | Copy | Delete | 4 | 1 | 1 | 1 | 8AT7125245323433N | Completed |
| ☐ | Edit | Copy | Delete | 5 | 7 | 1 | 1 | 123456789 | Completed |
| ☐ | Edit | Copy | Delete | 6 | 7 | 2 | 1 | 123456789 | Completed |
| ☐ | Edit | Copy | Delete | 7 | 7 | 20 | 1 | 123456789 | Completed |

☐ Check all    With selected:  ✏ Edit    Copy    ● Delete    Export

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None
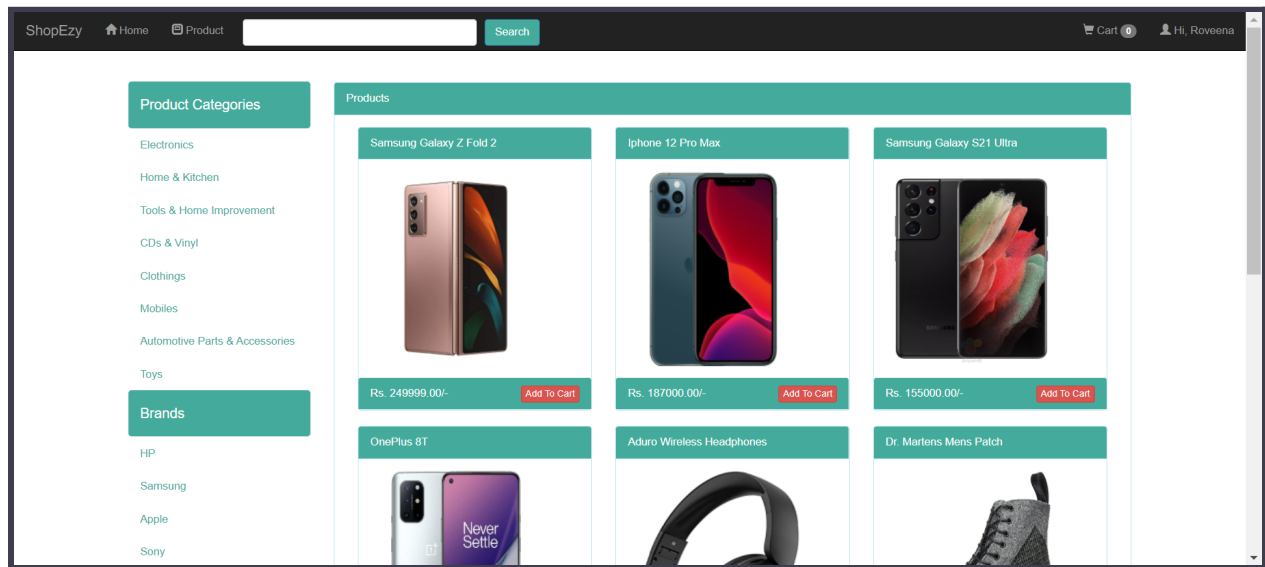
Query results operations

🖨 Print    Copy to clipboard    Export    Display chart    Create view
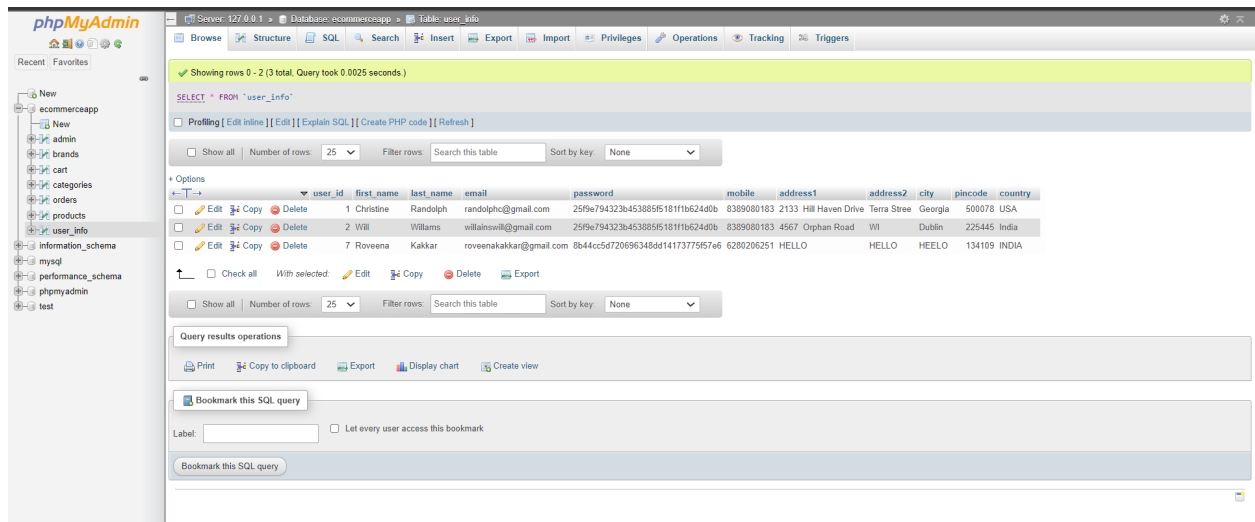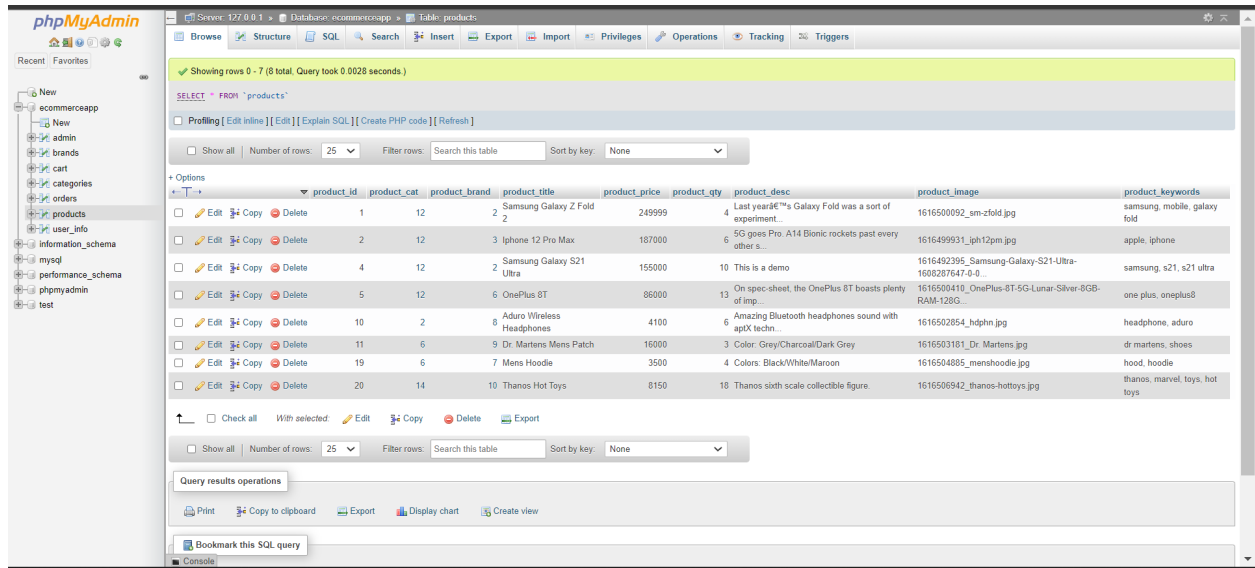
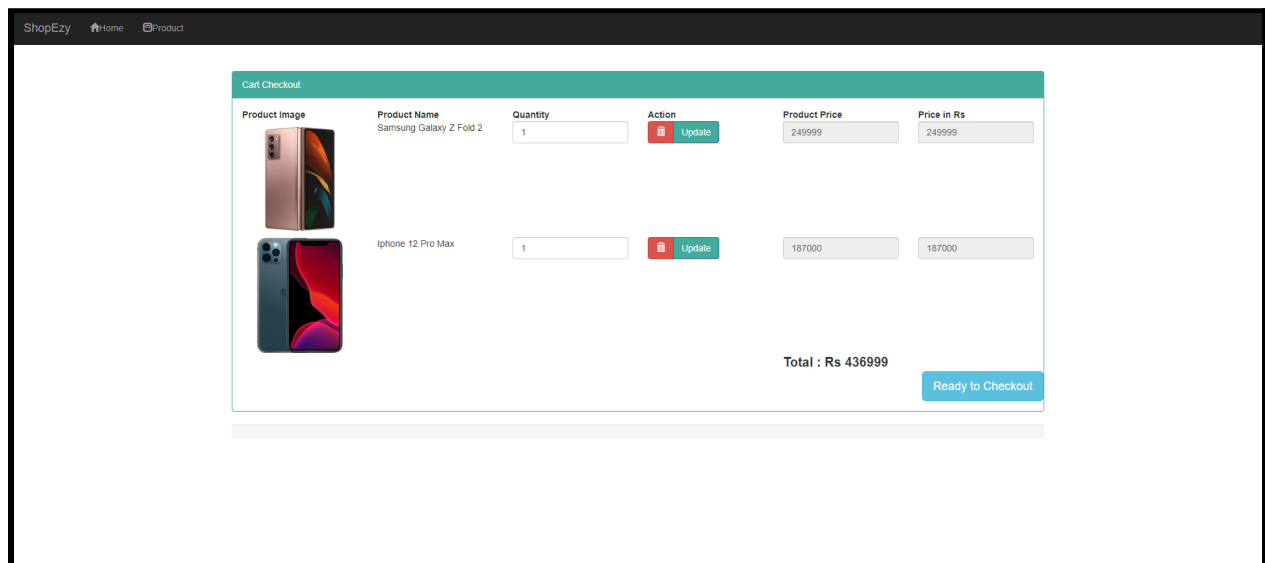# Screenshots of project modules

Home Page:
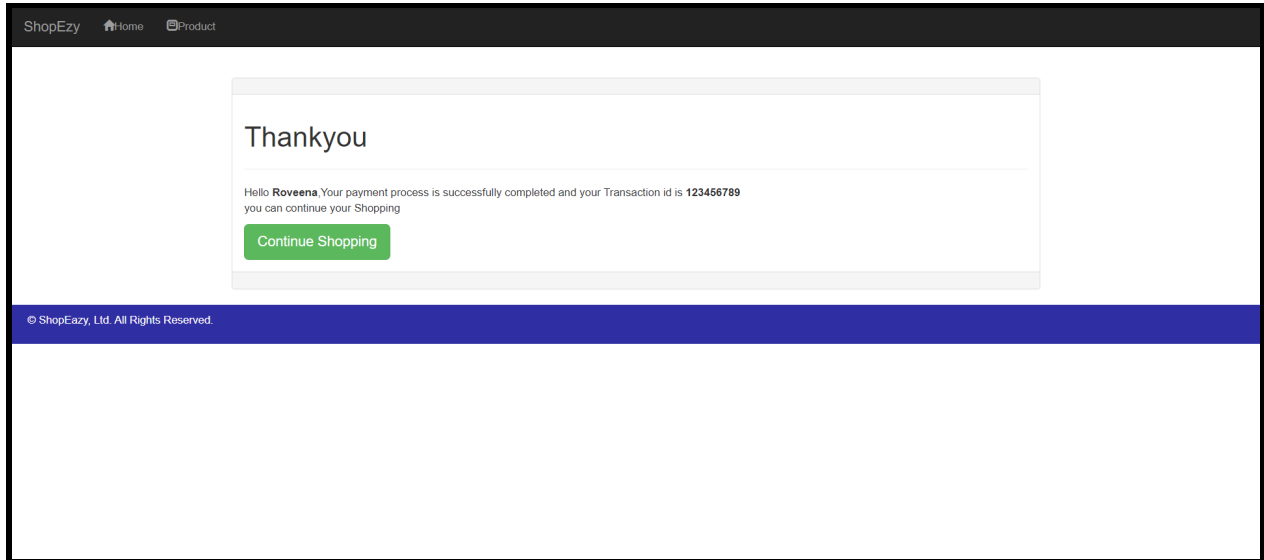
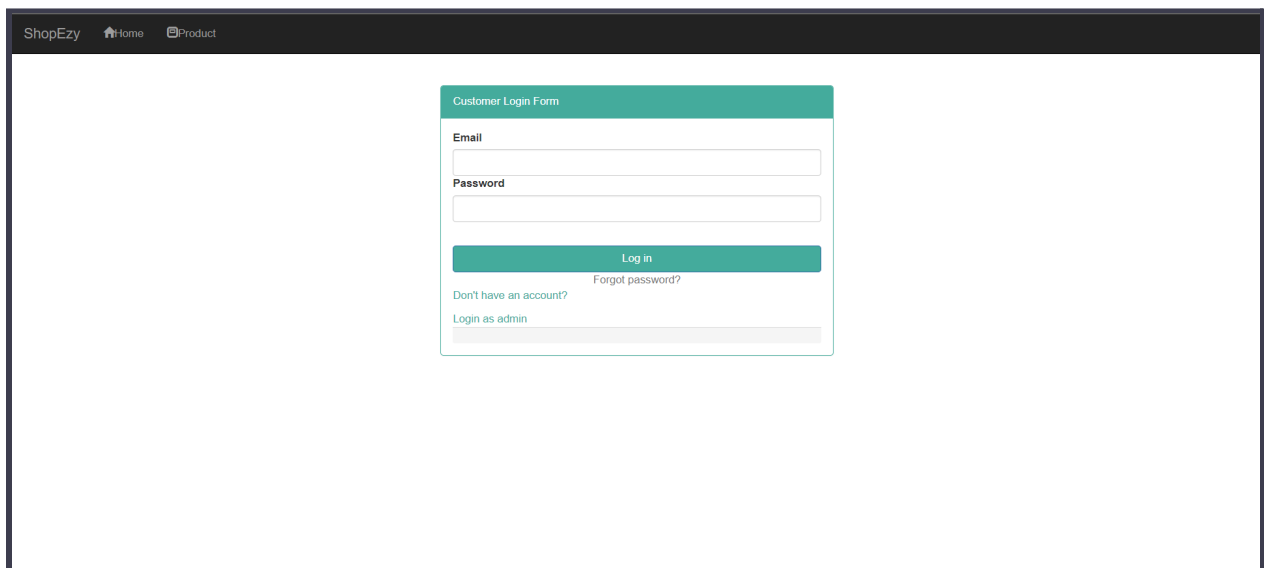## Cart/Payment Checkout:

## Thankyou

Hello **Roveena**,Your payment process is successfully completed and your Transaction id is **123456789** you can continue your Shopping

**Continue Shopping**

Login/Register:



ShopEzy   Home   Product

Customer Login Form

Email

Password

Log in

Forgot password?

Don't have an account?

Login as admin

ShopEzy

Register

# Admin Login

Email address

Enter email

Password

Password

Login

---

ShopEzy   🏠 Home   📦 Product

## Customer Registration Form

**First Name**                    **Last Name**

**Email**

**Password**

**Confirm Password**

**Contact Number**

**Address 1**

**Address 2**

**City**

**Pincode**

**Country**

India

**Sign Up**

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