

# TECHNOLOGY

**Caltech**

**Center for Technology &  
Management Education**

## **Live Session 03: End User Web Pages DB Structure for End User**

# TECHNOLOGY

**Caltech**

**Center for Technology &  
Management Education**

**Develop the Web Pages in  
Angular for End User Web App**

# You Already Know

Before we begin, lets recall what we have covered till now:

- Angular



- Cucumber



## Project Planning with Agile

- Developed User Stories under the Epic Admin and End User
- Managed project using JIRA by planning the Sprints

## Develop Angular Project Structures

- Created project structure for Admin and end users
- Explored Angular CLI commands
- Generated components and services for projects

## Sync the Projects with Git on Github

- Pushed the Angular Projects on github



# A Day in the Life of a Full Stack Developer

As a full stack web developer, our key role is to develop both client and server software.



Angular and Node can be used to build front end of the web page.



Spring Boot, Java, and MySQL/MongoDB can be used to build at the back end.



# A Day in the Life of a Full Stack Developer

- Now, Bob needs to create a web page and DB for the end-user web wpp to further proceed with his project.

Let me use previously used technologies to created web page and DB for End user Web App.



In this lesson, we will learn the skills of HTML and CSS to design and develop web pages in previously created Angular Project and User SQL Commands to create tables in DB for End-User Web App and help Bob complete his task effectively and quickly.



# Learning Objectives

By the end of this lesson, you will be able to:

- 👁️ Develop the web page templates for end-user web app
- 👁️ Develop the CSS for styling the web pages and configure routing
- 👁️ Use SQL commands create tables for end-user web app
- 👁️ Create primary and foreign key relations within tables

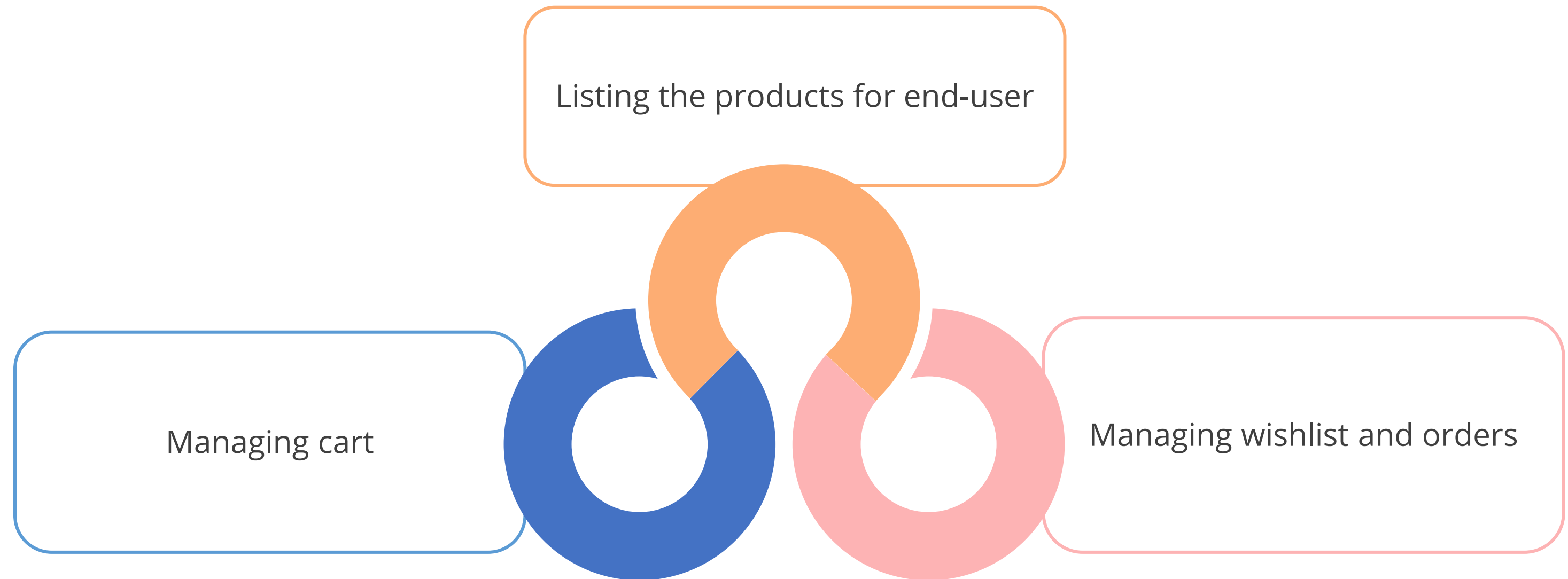


# Angular Component Templates for End User



# Web App for End User

In this project, various modules will be managed, such as:



# Web App for End User

---

For basic operations, the web page templates are developed using:



# Web Page for Authentication Login Component

Develop a login page for end user to sign in and enter into the home page.

The diagram illustrates the layout of an E-commerce store. On the left is a large blue rectangle labeled "E-COMMERCE STORE". To its right is a white rectangular area representing the login page. Inside this white area is a "Login" form. The form contains an "Email" field with the text "josh@example.com", a "Password" field with masked characters "\*\*\*\*\*", a blue "Sign In" button, and a link "Don't Have Account? [Create Account](#)". A red bracket on the right side of the login form points to a light blue rounded rectangle labeled "Login page".

E-COMMERCE STORE

Login

Email  
josh@example.com

Password  
\*\*\*\*\*

Sign In

Don't Have Account? [Create Account](#)

Login page

# Web Page for Authentication Login Component

Design the login page with an email, a password, and a login button.

E-COMMERCE STORE

Login

Email

josh@example.com

Password

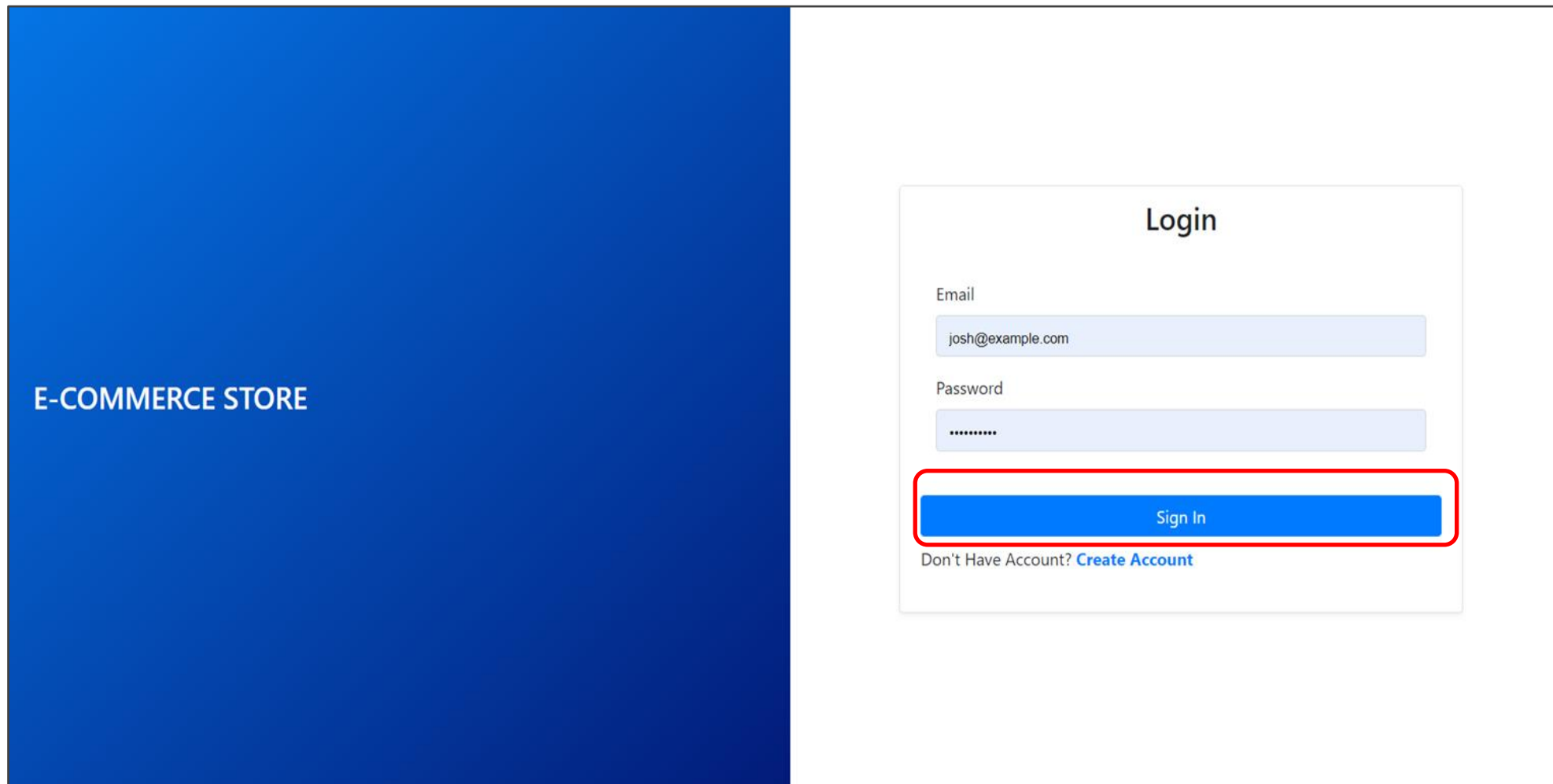
\*\*\*\*\*

Sign In

Don't Have Account? [Create Account](#)

# Web Page for Authentication Login Component

Click on the login button, validate the user, and navigate to the home page which will have a navigation bar with various options.



The image shows a web page layout for an E-commerce store. On the left is a large blue sidebar with the text "E-COMMERCE STORE". On the right is a white area containing a login form. The form has a title "Login", an "Email" field with the value "josh@example.com", a "Password" field with masked characters, and a blue "Sign In" button. The button is highlighted with a red border. Below the button is a link "Don't Have Account? Create Account".

E-COMMERCE STORE

Login

Email  
josh@example.com

Password  
\*\*\*\*\*

Sign In

Don't Have Account? [Create Account](#)

# Web Page for Authentication Login Component

Various files from the given directory: src/app/pages/login/

login.component.css

CSS goes here to design the page and forms.

login.component.html

HTML code is written in this template file.

login.component.ts

Logic will be written in typescript file.



# Web Page for User Registration Component

A new user needs to register.

E-COMMERCE STORE

Register

Name

eg: John Peterson

Email

eg: abc@example.com

Password

\*\*\*\*\*

Sign Up

Already Have Account? [Sign In](#)



# Web Page for User Registration Component

Design a register component that can take Name, Email, and Password as input to register the user on the estore web app.

E-COMMERCE STORE

Register

Name

eg: John Peterson

Email

eg: abc@example.com

Password

\*\*\*\*\*

Sign Up

Already Have Account? [Sign In](#)

# Web Page for User Registration Component

After registration, navigate to the home page, which will have a navigation bar with various options.

E-COMMERCE STORE

### Register

Name  
eg: John Peterson

Email  
eg: abc@example.com

Password  
\*\*\*\*\*

[Sign Up](#)

Already Have Account? [Sign In](#)

# Web Page for User Registration Component

In the directory: `src/app/pages/register/`

`register.component.css`

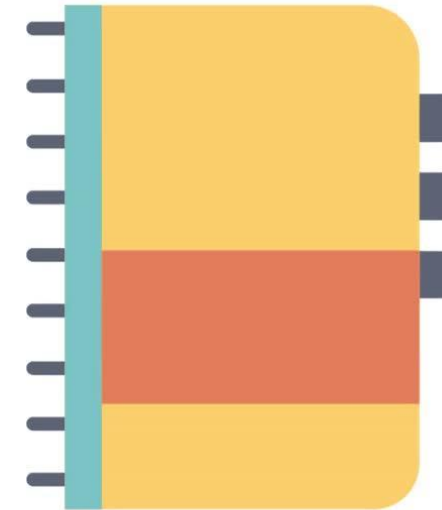
CSS goes here to design the page and forms.

`register.component.html`

HTML code is written in this template file.

`register.component.ts`

Logic will be written in typescript file.



# Web Page for Profile Component

Users can manage their profile by navigating to the profile component on the navigation bar.

**ESTORE** [Products](#) [Shopping-cart 3](#) [Whishlist 4](#) [My Orders](#) **My Profile**

### My account

**User information**

**Username**

jones.jessica

**Email address**

jessica@example.com

**First name**

Jessica

**Last name**

Jone

**Contact information**

**Address**

Bld Mihail Kogalniceanu, nr. 8 Bl 1, Sc 1, Ap 09

**City**

New York

**Country**

United States


**Postal code**

Postal code

**About me**

**About Me**

A beautiful Dashboard for Bootstrap 4. It is Free and Open Source.



**Jessica Jones, 27**  
Bucharest, Romania

© 2022 Estore

# Web Page for Profile Component

The web page will have details of the users who can manage their contact information, that is, the address for delivering the order.

ESTORE

Products

Shopping-cart 3

Whishlist 4

My Orders

My Profile

My account

User information

Username

jones.jessica

Email address

jessica@example.com

First name

Jessica

Last name

Jone

Contact information

Address

Bld Mihail Kogalniceanu, nr. 8 Bl 1, Sc 1, Ap 09

City

New York

Country

United States


Postal code

Postal code

About me

About Me

A beautiful Dashboard for Bootstrap 4. It is Free and Open Source.



Jessica Jones, 27

Bucharest, Romania

© 2022 Estore

# Web Page for Profile Component

In the directory: src/app/pages/user-profile/

user-profile.component.css

CSS goes here to design the page and forms.

user-profile.component.html

HTML code is written in this template file.

user-profile.component.ts


Logic will be written in typescript file.



# Web Page for Products Component


UI is developed to show the various products added by the admin.

**ESTORE** [Products](#) [Shopping-cart](#) [Whishlist](#) [My Orders](#) [My Profile](#)




**Fjallraven - Foldsack No. 1 Backpack, Fits 15 Laptops**  
Your perfect pack for everyday use and walks in the forest. Stash your laptop (up to 15 inches) in the padded sleeve, your...

[Buy Now](#) [Add to Cart](#) [Add to Whishlist](#)




**Mens Casual Premium Slim Fit T-Shirts**  
Slim-fitting style, contrast raglan long sleeve, three-button henley placket, light weight & soft fabric for breathable and...

[Buy Now](#) [Add to Cart](#) [Add to Whishlist](#)




**Mens Cotton Jacket**  
great outerwear jackets for Spring/Autumn/Winter, suitable for many occasions, such as working, hiking,...

[Buy Now](#) [Add to Cart](#) [Add to Whishlist](#)




**Mens Casual Slim Fit**  
The color could be slightly different between on the screen and in practice. / Please note that body builds vary by...


[Buy Now](#) [Add to Cart](#) [Add to Whishlist](#)




**John Hardy Women's Legends Naga Gold & Silver Dragon**



**Solid Gold Petite Micropave**  
Satisfaction Guaranteed. Return or



**White Gold Plated Princess**  
Classic Created Wedding Engagement



**Pierced Owl Rose Gold Plated Stainless Steel Double**


© 2022 Estore



# Web Page for Products Component


All the products are listed along with the options to buy the product, add to cart, or add to wishlist.

**ESTORE** [Products](#) [Shopping-cart](#) [Whishlist](#) [My Orders](#) [My Profile](#)




**Fjallraven - Foldsack No. 1 Backpack, Fits 15 Laptops**  
Your perfect pack for everyday use and walks in the forest. Stash your laptop (up to 15 inches) in the padded sleeve, your...

[Buy Now](#) [Add to Cart](#) [Add to Whishlist](#)




**Mens Casual Premium Slim Fit T-Shirts**  
Slim-fitting style, contrast raglan long sleeve, three-button henley placket, light weight & soft fabric for breathable and...

[Buy Now](#) [Add to Cart](#) [Add to Whishlist](#)




**Mens Cotton Jacket**  
great outerwear jackets for Spring/Autumn/Winter, suitable for many occasions, such as working, hiking,...

[Buy Now](#) [Add to Cart](#) [Add to Whishlist](#)




**Mens Casual Slim Fit**  
The color could be slightly different between on the screen and in practice. / Please note that body builds vary by...


[Buy Now](#) [Add to Cart](#) [Add to Whishlist](#)




**John Hardy Women's Legends Naga Gold & Silver Dragon**



**Solid Gold Petite Micropave**  
Satisfaction Guaranteed. Return or



**White Gold Plated Princess**  
Classic Created Wedding Engagement

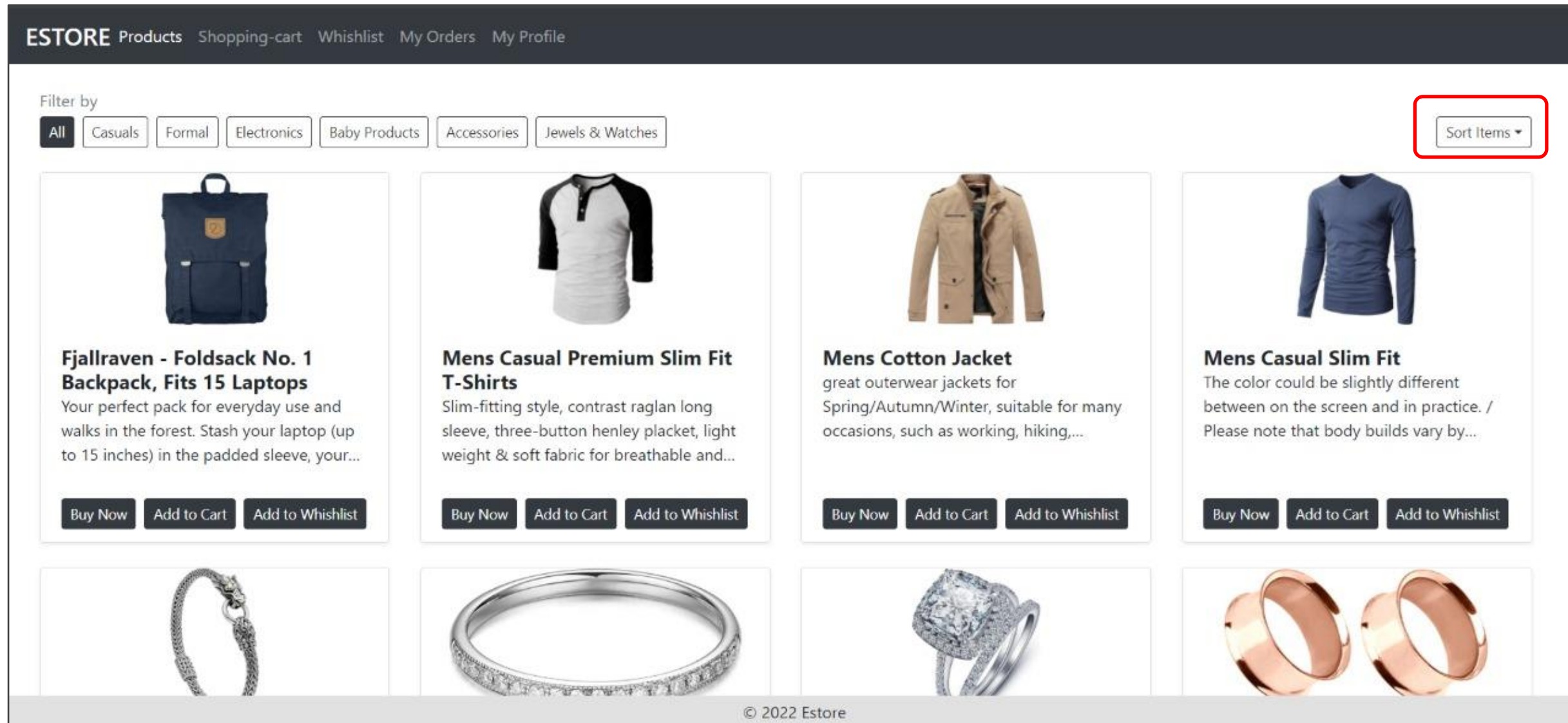


**Pierced Owl Rose Gold Plated Stainless Steel Double**

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# Web Page for Products Component

Search, sort, and filter operations can also be implemented on the same web page.



# Web Page for Products Component

In the directory: src/app/pages/products/

products.component.css

CSS goes here to design the page and forms.

products.component.html

HTML code is written in this template file.

products.component.ts

Logic will be written in typescript file.






# Web Page for Wishlist Component

Users can mark any product as the favourite by moving it to the wishlist.


**ESTORE** [Products](#) [Shopping-cart 2](#) [Whishlist 3](#) [My Orders](#) [My Profile](#)



**White Gold Plated Princess**  
Classic Created Wedding Engagement Solitaire Diamond Promise Ring for Her. Gifts to spoil your love more for Engagement, Wedding, Anniversary, Valentine's Day...

Price: ₹9.99


[Add to Cart](#) [Remove](#)



**SanDisk SSD PLUS 1TB Internal SSD - SATA III 6 Gb/s**  
Easy upgrade for faster boot up, shutdown, application load and response (As compared to 5400 RPM SATA 2.5" hard drive; Based on published specifications and internal benchmarking tests using PCMark vantage scores) Boosts burst write performance, making it ideal for typical PC workloads The perfect balance of performance and reliability Read/write speeds of up to 535MB/s/450MB/s (Based on internal testing; Performance may vary depending upon drive capacity, host device, OS and application.)

Price: ₹109.00

[Add to Cart](#) [Remove](#)



**Samsung 49-Inch CHG90 144Hz Curved Gaming Monitor (LC49HG90DMNXZA) – Super Ultrawide Screen QLED**  
49 INCH SUPER ULTRAWIDE 32:9 CURVED GAMING MONITOR with dual 27 inch screen side by side QUANTUM DOT (QLED) TECHNOLOGY, HDR support and factory calibration provides stunningly realistic and accurate color and contrast 144HZ HIGH REFRESH RATE and 1ms ultra fast response time work to eliminate motion blur, ghosting, and reduce input lag

Price: ₹999.99


[Add to Cart](#) [Remove](#)

© 2022 Estore

# Web Page for Wishlist Component

The Wishlist component shows the list of products that a user may buy in future.


**ESTORE** [Products](#) [Shopping-cart 2](#) [Whishlist 3](#) [My Orders](#) [My Profile](#)



**White Gold Plated Princess**  
Classic Created Wedding Engagement Solitaire Diamond Promise Ring for Her. Gifts to spoil your love more for Engagement, Wedding, Anniversary, Valentine's Day...

Price: ₹9.99


[Add to Cart](#) [Remove](#)



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Price: ₹109.00

[Add to Cart](#) [Remove](#)



**Samsung 49-Inch CHG90 144Hz Curved Gaming Monitor (LC49HG90DMNXZA) – Super Ultrawide Screen QLED**  
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Price: ₹999.99


[Add to Cart](#) [Remove](#)

© 2022 Estore

# Web Page for Wishlist Component

There is a button to move the product to the cart by clicking on Add to Cart near the product.


**ESTORE** Products Shopping-cart **2** Whishlist **3** My Orders My Profile



**White Gold Plated Princess**  
Classic Created Wedding Engagement Solitaire Diamond Promise Ring for Her. Gifts to spoil your love more for Engagement, Wedding, Anniversary, Valentine's Day...

Price: ₹9.99


**Add to Cart** Remove



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Price: ₹109.00

**Add to Cart** Remove



**Samsung 49-Inch CHG90 144Hz Curved Gaming Monitor (LC49HG90DMNXZA) – Super Ultrawide Screen QLED**  
49 INCH SUPER ULTRAWIDE 32:9 CURVED GAMING MONITOR with dual 27 inch screen side by side QUANTUM DOT (QLED) TECHNOLOGY, HDR support and factory calibration provides stunningly realistic and accurate color and contrast 144HZ HIGH REFRESH RATE and 1ms ultra fast response time work to eliminate motion blur, ghosting, and reduce input lag

Price: ₹999.99

**Add to Cart** Remove

© 2022 Estore

# Web Page for Wishlist Component

In the directory: src/app/pages/wishlist/

wishlist.component.css

CSS goes here to design the page and forms.

wishlist.component.html

HTML code is written in this template file.

wishlist.component.ts

Logic will be written in typescript file.






# Web Page for Cart Component

The navigation bar is used to navigate to the cart tab where a user can see a list of the products along with quantity and price for the product.


**ESTORE** [Products](#) [Shopping-cart 2](#) [Whishlist 3](#) [My Orders](#) [My Profile](#)



**Mens Casual Premium Slim Fit T-Shirts**  
Slim-fitting style, contrast raglan long sleeve, three-button henley placket, light weight & soft fabric for breathable and comfortable wearing. And Solid stitched shirts with round neck made for durability and a great fit for casual fashion wear and diehard baseball fans. The Henley style round neckline includes a three-button placket.

Qty. : 3  
Price: ₹22.30

[Add to Whishlist](#) [Remove](#)



**Mens Cotton Jacket**  
great outerwear jackets for Spring/Autumn/Winter, suitable for many occasions, such as working, hiking, camping, mountain/rock climbing, cycling, traveling or other outdoors. Good gift choice for you or your family member. A warm hearted love to Father, husband or son in this thanksgiving or Christmas Day.

Qty. : 1  
Price: ₹55.99

[Add to Whishlist](#) [Remove](#)

### Summary

Total Items	4
Total Price	₹122.89


Proceed Next

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# Web Page for Cart Component

Summary of the products in order to be placed shall be shown along with the option to buy i.e. to place an order.


**ESTORE** [Products](#) [Shopping-cart 2](#) [Whishlist 3](#) [My Orders](#) [My Profile](#)



**Mens Casual Premium Slim Fit T-Shirts**  
Slim-fitting style, contrast raglan long sleeve, three-button henley placket, light weight & soft fabric for breathable and comfortable wearing. And Solid stitched shirts with round neck made for durability and a great fit for casual fashion wear and diehard baseball fans. The Henley style round neckline includes a three-button placket.

Qty. : 3  
Price: ₹22.30

[Add to Whishlist](#) [Remove](#)



**Mens Cotton Jacket**  
great outerwear jackets for Spring/Autumn/Winter, suitable for many occasions, such as working, hiking, camping, mountain/rock climbing, cycling, traveling or other outdoors. Good gift choice for you or your family member. A warm hearted love to Father, husband or son in this thanksgiving or Christmas Day.

Qty. : 1  
Price: ₹55.99

[Add to Whishlist](#) [Remove](#)

**Summary**

Total Items	4
Total Price	₹122.89


Proceed Next

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# Web Page for Cart Component

Payment's method page can also be implemented.


**ESTORE** [Products](#) [Shopping-cart 2](#) [Whishlist 3](#) [My Orders](#) [My Profile](#)



**Mens Casual Premium Slim Fit T-Shirts**  
Slim-fitting style, contrast raglan long sleeve, three-button henley placket, light weight & soft fabric for breathable and comfortable wearing. And Solid stitched shirts with round neck made for durability and a great fit for casual fashion wear and diehard baseball fans. The Henley style round neckline includes a three-button placket.

Qty. : 3  
Price: ₹22.30

[Add to Whishlist](#) [Remove](#)



**Mens Cotton Jacket**  
great outerwear jackets for Spring/Autumn/Winter, suitable for many occasions, such as working, hiking, camping, mountain/rock climbing, cycling, traveling or other outdoors. Good gift choice for you or your family member. A warm hearted love to Father, husband or son in this thanksgiving or Christmas Day.


Qty. : 1  
Price: ₹55.99

[Add to Whishlist](#) [Remove](#)

### Summary

Total Items	4
Total Price	₹122.89

[Proceed Next](#)



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# Web Page for Cart Component

In the directory: src/app/pages/shopping-cart/

shopping-cart.component.css

CSS goes here to design the page and forms.

shopping-cart.component.html

HTML code is written in this template file.

Shopping-cart.component.ts

Logic will be written in typescript file.



# Web Page for Checkout Component

From the cart, users will be navigated to the final checkout page.

ESTORE

Products

Shopping-cart 6

Whishlist

My Orders

My Profile

Payment Method

Add Debit/Credit/ATM Card

You can save your Mastercard and VISA cards as per new RBI guidelines

VISA

RuPay

Netbanking

For faster payment and instant refund, please use UPI

Other UPI

Pay on Delivery

Pay digitally with SMS Pay Link. Cash may not be accepted in COVID restricted areas.

Order Summary

Order Total

₹1,251.46

Shipping Address

Street

16, 1st Floor., Agboat Wala Bldg., Abdulrehman Street No 282, Nr Islami Hotel, Abdul Rehman Street

City

Mumbai

State

Maharashtra

Postal Code

400003

Place order

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# Web Page for Checkout Component

Users must choose the payment method and address for confirmation.

ESTORE

Products

Shopping-cart 6

Whishlist

My Orders

My Profile

Payment Method

Add Debit/Credit/ATM Card

You can save your Mastercard and VISA cards as per new RBI guidelines

VISA

RuPay

Netbanking

For faster payment and instant refund, please use UPI

Other UPI

Pay on Delivery

Pay digitally with SMS Pay Link. Cash may not be accepted in COVID restricted areas.

Order Summary

Order Total

₹1,251.46

Shipping Address

Street

16, 1st Floor., Agboat Wala Bldg., Abdulrehman Street No 282, Nr Islami Hotel, Abdul Rehman Street

City

Mumbai

State

Maharashtra

Postal Code

400003

Place order

© 2022 Estore

# Web Page for Checkout Component

Finally, users must click on the place order button, and a successful order creation message will be shown.

ESTORE

Products

Shopping-cart 6

Whishlist


My Orders

My Profile

Payment Method

Add Debit/Credit/ATM Card

You can save your Mastercard and VISA cards as per new RBI guidelines



Netbanking

For faster payment and instant refund, please use UPI

Other UPI

Pay on Delivery

Pay digitally with SMS Pay Link. Cash may not be accepted in COVID restricted areas.

Order Summary

Order Total ₹1,251.46

Shipping Address

Street

16, 1st Floor., Agboat Wala Bldg., Abdulrehman Street No 282, Nr Islami Hotel, Abdul Rehman Street

City

Mumbai

State


Maharashtra


Postal Code

400003

Place order

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# Web Page for Checkout Component

In the directory: src/app/pages/checkout/

checkout.component.css

CSS goes here to design the page and forms.

checkout.component.html

HTML code is written in this template file.

checkout.component.ts

Logic will be written in typescript file.



# Web Page for Orders Component : View Orders

As the User will place an order from the account, the list of orders, along with the order status, will be displayed to the users for reference.


**ESTORE** [Products](#) [Shopping-cart](#) [Whishlist](#) [My Orders](#) [My Profile](#)

Order Placed  
03 December 2021


Total  
₹839.60

Ship To  
John Watson

Order ID: #3456789345  
[View Order Details](#)



**John Hardy Women's Legends Naga Gold & Silver Dragon Station Chain Bracelet**  
From our Legends Collection, the Naga was inspired by the mythical water dragon that protects the ocean's pearl. Wear facing inward to be bestowed with love and abundance, or outward for protection.  
₹695.00



**Mens Casual Premium Slim Fit T-Shirts**  
Slim-fitting style, contrast raglan long sleeve, three-button henley placket, light weight & soft fabric for breathable and comfortable wearing. And Solid stitched shirts with round neck made for durability and a great fit for casual fashion wear and diehard baseball fans. The Henley style round neckline includes a three-button placket.  
₹22.30

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# Web Page for Orders Component : View Orders

The detailed model can be opened on click of view order details in future as in when connected to the backend.


**ESTORE** [Products](#) [Shopping-cart](#) [Whishlist](#) [My Orders](#) [My Profile](#)

Order Placed  
03 December 2021


Total  
₹839.60

Ship To  
John Watson

Order ID: #3456789345  
[View Order Details](#)



**John Hardy Women's Legends Naga Gold & Silver Dragon Station Chain Bracelet**  
From our Legends Collection, the Naga was inspired by the mythical water dragon that protects the ocean's pearl. Wear facing inward to be bestowed with love and abundance, or outward for protection.  
₹695.00



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Slim-fitting style, contrast raglan long sleeve, three-button henley placket, light weight & soft fabric for breathable and comfortable wearing. And Solid stitched shirts with round neck made for durability and a great fit for casual fashion wear and diehard baseball fans. The Henley style round neckline includes a three-button placket.  
₹22.30

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# Web Page for Orders Component : View Orders

In the directory: src/app/pages/orders/

order.component.css

CSS goes here to design the page and forms.

order.component.html

HTML code is written in this template file.

order.component.ts

Logic will be written in typescript file.



**BUY**

# TECHNOLOGY

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## **DB Structure for End User**



# Creating Database

# Creating DataBase in MySQL

MySQL CLI usage to create and work with the database.

## Use database ecommerce

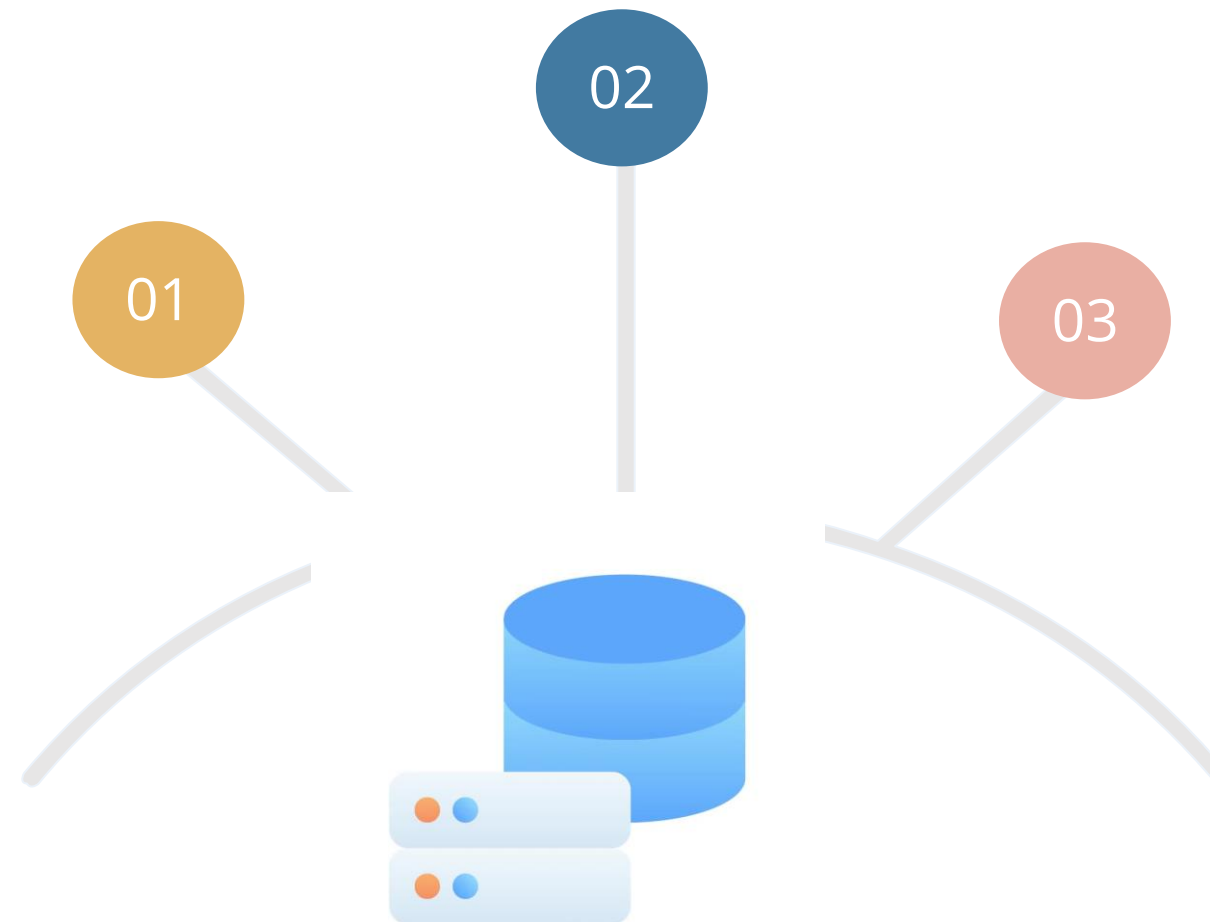
Selects current working database

## Create database ecommerce

Creates the database for ecommerce

## Show tables

Lists all the tables in the database



# Creating Tables



# Creating Table

Many tables are common for usage. Example: the Order Table in Admin will be used by the Web App for the End User as well.

So, tables required for the cart and the wishlist will only be created.



Rest all tables are already created during the Admin Table Structure.

# Generating User Table for Login

Make sure the Database is selected as e-commerce or execute the command to make the DB selection for e-commerce as:

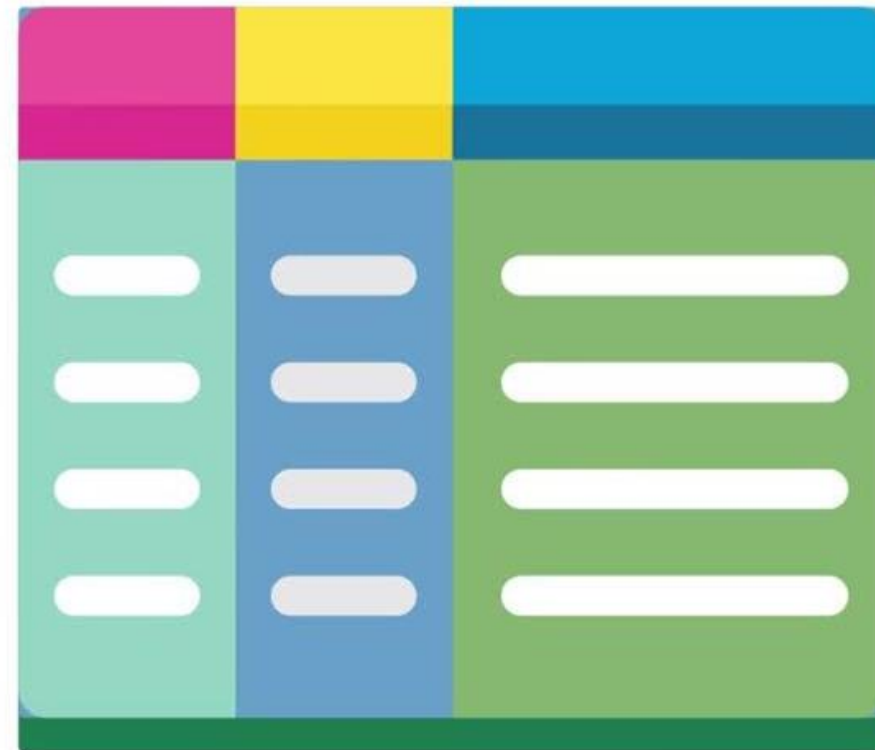
**Use database ecommerce:**

```
CREATE TABLE USERS (  
    userId          INTEGER NOT NULL PRIMARY KEY AUTO_INCREMENT,  
    email           VARCHAR(50) NOT NULL,  
    password        VARCHAR(50) NOT NULL,  
    fullName        VARCHAR(255) NOT NULL,  
    street          VARCHAR(50) DEFAULT NULL,  
    city            VARCHAR(50) DEFAULT NULL,  
    state           VARCHAR(50) DEFAULT NULL,  
    country         VARCHAR(50) DEFAULT NULL,  
    pincode         INTEGER,  
    image           VARCHAR(1000),  
    contact         BIGINT,  
    addedOn         DATETIME DEFAULT CURRENT_TIMESTAMP  
);  
) NOT NULL,
```

# Generating User Table for Login

For simplicity, one address per user is considered.

In case a user has many addresses, an address table is created separately with a primary and foreign key relationship.



# Generating Wishlist Table

Make sure the database is selected as ecommerce, or you can execute the command to make the db selection for ecommerce as :

**Use database ecommerce:**

```
CREATE TABLE WISHLIST {  
    wishListId      INTEGER NOT NULL PRIMARY KEY AUTO_INCREMENT,  
    productId        INTEGER NOT NULL,  
    userId           INTEGER NOT NULL,  
    FOREIGN KEY (productId) REFERENCES PRODUCTS(productId),  
    FOREIGN KEY (userId) REFERENCES USERS(userId)  
}
```

# Generating Cart Table

Make sure the database is selected as eCommerce, or you can execute the command to make the db selection for eCommerce as:

## Use database ecommerce:

```
CREATE TABLE CART {  
    cartId          INTEGER NOT NULL PRIMARY KEY AUTO_INCREMENT,  
    productId        INTEGER NOT NULL,  
    qunatity         INTEGER DEFAULT 1,  
    userId           INTEGER NOT NULL,  
    FOREIGN KEY (productId) REFERENCES PRODUCTS(productId),  
    FOREIGN KEY (userId) REFERENCES USERS(userId)  
}
```

## Key Takeaways

- For basic operations, the web page templates are developed using HTML and CSS.
- Users can manage their profile by navigating to the profile component on navigation bar.
- UI is developed to show the various products added by the admin.
- The Wishlist component shows the list of products which a user may buy in the future.





## Key Takeaways

- 👁 The navigation bar is used to navigate to the cart tab where users can see a list of the products along with quantity and price for the product
- 👁 MySQL CLI is used to create and work with a database.
- 👁 Address Tables are created separately with the primary and foreign key relationship.



## Before the Next Class

Since you have successfully completed this session. Before next discussion you should go through:

- Maven
- JSP



## What's Next?

Now, we have finished our Web Pages for the Admin Dashboard. In our next live discussion, we will:

- Create dynamic Web Project using Enterprise Edition of Java in Eclipse
- Create the Model Structure i.e. POJO Classes for the Project
- Implement DAO and Service Design Patterns
- Create Servlets and JDBC Connections

