**ADD PRODUCT TO SHOPING CART**

**Cart.js**

static save(product) {

if(cart) { //cart not null

const existingproductIndex = cart.products.findIndex(p => p.id == product.id);

if(existingproductIndex>0) {

const existingProduct = cart.products[existingproductIndex];

existingProduct.qty+= 1;

cart.totalPrice+=product.price;

} else { //no exist

product.qty = 1;

cart.products.push(product);

cart.totalPrice = product.price;

}

} else { //cart null

cart = {products: [], totalPrice: 0};

product.qty = 1;

cart.products.push(product);

cart.totalPrice = product.price;

}

}

**Index.ejs**

<form action="/addToCart" method="POST">

<input type="hidden" name="id" value="<%=p.id%>"/>

<button type="submit" class="btn btn-primary">Add to cart</button>

</form>

**GET SHOPING CART**

**Cart.ejs**

<div class="col-sm-12">

<% if(cart.products.length == 0) {%>

<h2>Empty</h2>

<%} else {%>

<h2>Shopign cart detail</h2>

<table class="table">

<thead>

<tr>

<th scope="col">#</th>

<th scope="col">Title</th>

<th scope="col">Price</th>

<th scope="col">Quantity</th>

<th scope="col">Quantity</th>

</tr>

</thead>

<tbody>

<% for(let i = 0; i< cart.products.length; i++){

let product = cart.products[i]%>

<tr>

<th scope="row"><%= i+1 %></th>

<td><%= product.title%></td>

<td><%= product.price%></td>

<td><%= product.qty%></td>

</tr>

<%}%>

<tr><td>Total price</td><td><%= cart.totalPrice%></td></tr>

</tbody>

</table>

<%}%>

<br>

</div>

**Cart.js**

static save(product) {

console.log('the product is ' +product);

if(cart) { //cart not null

const existingproductIndex = cart.products.findIndex(p => p.id == product.id); //try check product is existing in cart

if(existingproductIndex>0) {

const existingProduct = cart.products[existingproductIndex];

existingProduct.qty+= 1;

cart.totalPrice+=product.price;

} else { //no exist

product.qty = 1;

cart.products.push(product);

cart.totalPrice += product.price;

}

} else { //cart null

cart = {products: [], totalPrice: 0};

product.qty = 1;

cart.products.push(product);

cart.totalPrice = product.price;

}

}

**Navigation.js**

<li class="nav-item <%= path==='/cart' ? 'active' : ''%>">

<a class="nav-link" href="/cart">Cart</a>

</li>

**Shop.js (routes)**

router.get('/cart', shopController.getCart)

**Shop.js (controller)**

exports.getCart = (req, res, next) => {

res.render('cart', {cart: cart.getCart(), pageTitle: 'Shoping cart detail', path: '/cart', name: 'Jimmy'});

}

**DELETE PRODUCTS FROM SHOPING CART**

**Cart.ejs**

<tr>

<th scope="row"><%= i+1 %></th>

<td><%= product.title%></td>

<td><%= product.price%></td>

<td><%= product.qty%></td>

<td>

<form action="/delete-cart" method="POST">

<input type="hidden" name="productid" value="<%= product.id%>"/>

<button type="submit" class="btn btn-primary">Delete</button>

</form>

</td>

</tr>

**Cart.js**

static delete(productid) {

const products = cart.products;

const isExisting = products.findIndex(p => p.id == productid);

if(isExisting > 0) {

products.splice(isExisting, 1);

}

}

**Shop.js (routes)**

router.post('/delete-cart', shopController.deleteInCart)

**Shop.js (controller)**

exports.deleteInCart = (req, res, next) => {

cart.delete(req.body.productid);

res.redirect('/cart');

}