111)Module Introduction

Here we added we want to show product details in when we click on product. For that we need to pass product id, first in our mode, we give id to each product before saving it to db.

save() {

this.id = Math.random().toString();

getProductsFromFile(products => {

products.push(this);

fs.writeFile(p, JSON.stringify(products), err => {

console.log(err);

});

});

}

Here we simply add new field id to our class. So w ecan aslo add new fileds outside the class.

Then we set details url link like this in product-list ejs-

<a href="/products/<%= product.id %>" class="btn">Details</a>

Now each product will have property id on it. Since we added it to our model. Now clear our products file. because existing product will not have new id.

115)Extracting Dynamic params

In routes/shop.js-

router.get('/products/:productId', shopController.getProduct);

in controller/shop.js-

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

const prodId = req.params.productId;

console.log(prodId);

res.redirect('/');

};

Here if we have these routes-

router.get('/products/:productId', shopController.getProduct);

router.get('/products/sumit', shopController.getSumit);

now you will never reach second route and we know the reason. So you should place second route before first.

117)Rendering the product detail view

Here we passed id of product in url and extracted that product from file and displayed in product-detail page.

119)Passing data with Post Request

Here we are passing the id of product in body of post request, for adding that product in cart. We did like this-

<form action="/cart" method="post">

<button class="btn" type="submit">Add to Cart</button>

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

</form>

Here our inut is hidden and by clicking on button a post request is made, this is default form behaviour. Now as this html was getting repeated in index.ejs, product-list.ejs and produc-detail.ejs. but now problem was that, in index and product.ejs files, we need to have this for each product. So this code was in loop. So somehow, the product variable in loop was getting passed to this. So this default behaviour of ejs. To pass that product variable of loop , we passed second parameter to include function. this is same how we pass data to ejs file from template.

in product-list.ejs-

<% for (let product of prods) { %>

<article class="card product-item">

<header class="card\_\_header">

<h1 class="product\_\_title">

<%= product.title %>

</h1>

</header>

<div class="card\_\_image">

<img src="<%= product.imageUrl %>" alt="<%= product.title %>">

</div>

<div class="card\_\_content">

<h2 class="product\_\_price">$

<%= product.price %>

</h2>

<p class="product\_\_description">

<%= product.description %>

</p>

</div>

<div class="card\_\_actions">

<a href="/products/<%= product.id %>" class="btn">Details</a>

<%- include('../includes/add-to-cart.ejs', {product: product}) %>

</div>

</article>

<% } %>

119)Adding a cart model

Here we added files models/cart.js file. now we are saving the cart object in data/cart.json file.

121)Pre-Populating the Edit Product Page with Data

Here we are loading same view for edit product and add product. We are passing a query param. And depending on query param, I want to prepare populate fields. That is determin whether we are in edit product or add product page. Here in edit-product template we prepopulate some fields depending on some conditions. Here I faced a issue, mhtml generated was-

<input type=”text” value=” 5 ”>

Because of this extra space value were not displayed. This is question-

<https://www.udemy.com/nodejs-the-complete-guide/learn/v4/questions/5739425>

question related to nodemon-

<https://www.udemy.com/nodejs-the-complete-guide/learn/v4/questions/5745037>

Docs to dive more-

<https://expressjs.com/en/guide/routing.html>