

Online Store Template Integration



Release 2.0 - Plan

From: The Boss

- Online Shop Template Integration
- Search for products by category
- Search for products by text box
- Master / detail view of products
- Pagination support for products
- Add products to shopping cart (CRUD)
- Shopping cart check out

Current task

More functionality than
originally planned with 2.0

"Feature creep"
Real-time LOL

Current Status

- At the moment, we have a basic front end
- Proof of concept for listing the products: Angular + Spring Boot

Products			
	Name	Price	Units in Stock
	JavaScript - The Fun Parts	\$19.99	100
	Spring Framework Tutorial	\$29.99	100
	Kubernetes - Deploying Containers	\$24.99	100
	Internet of Things (IoT) - Getting Started	\$29.99	100
	The Go Programming Language: A to Z	\$24.99	100

Online Shop Template Integration

- We need a website that looks like an online shop

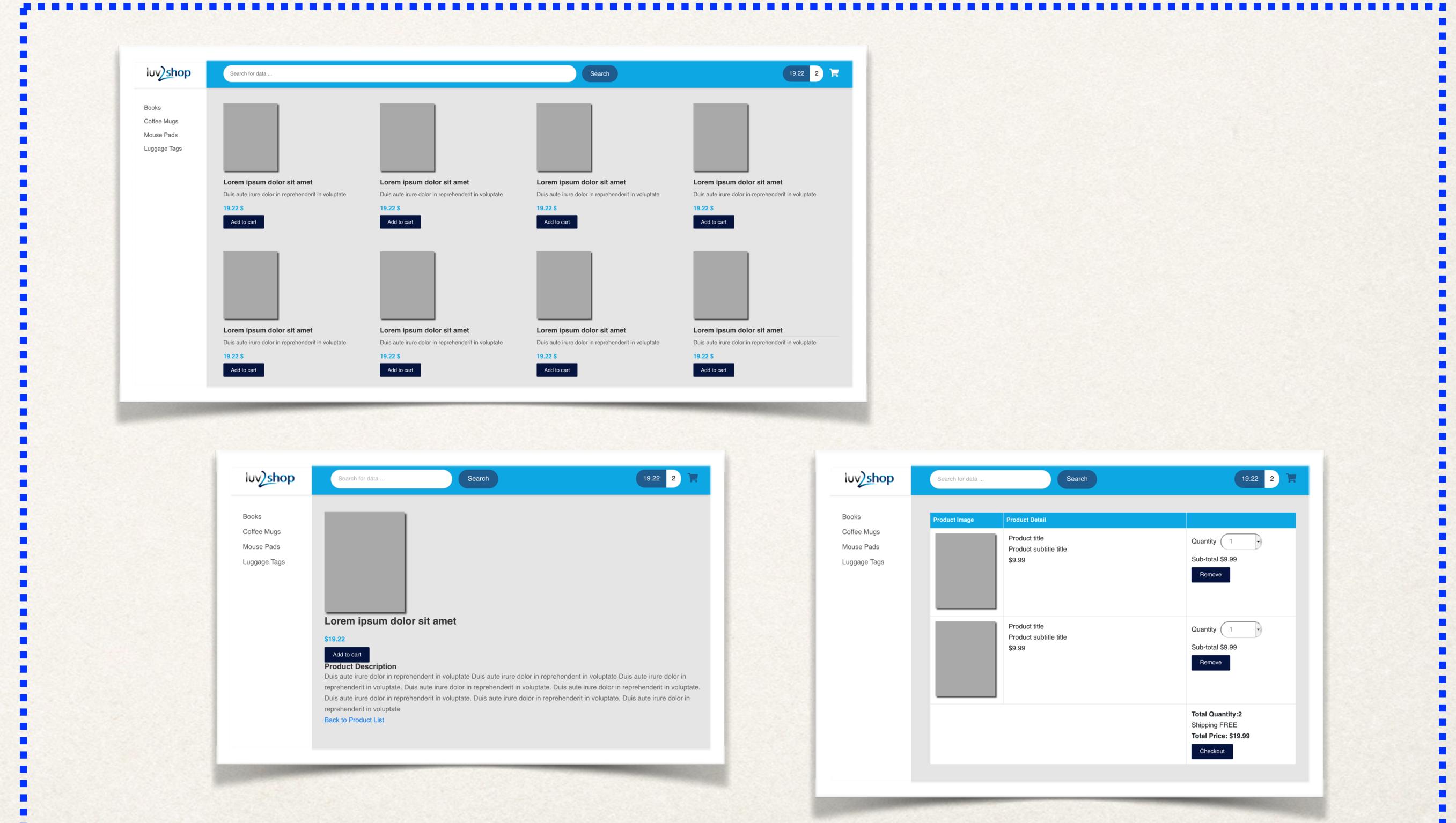
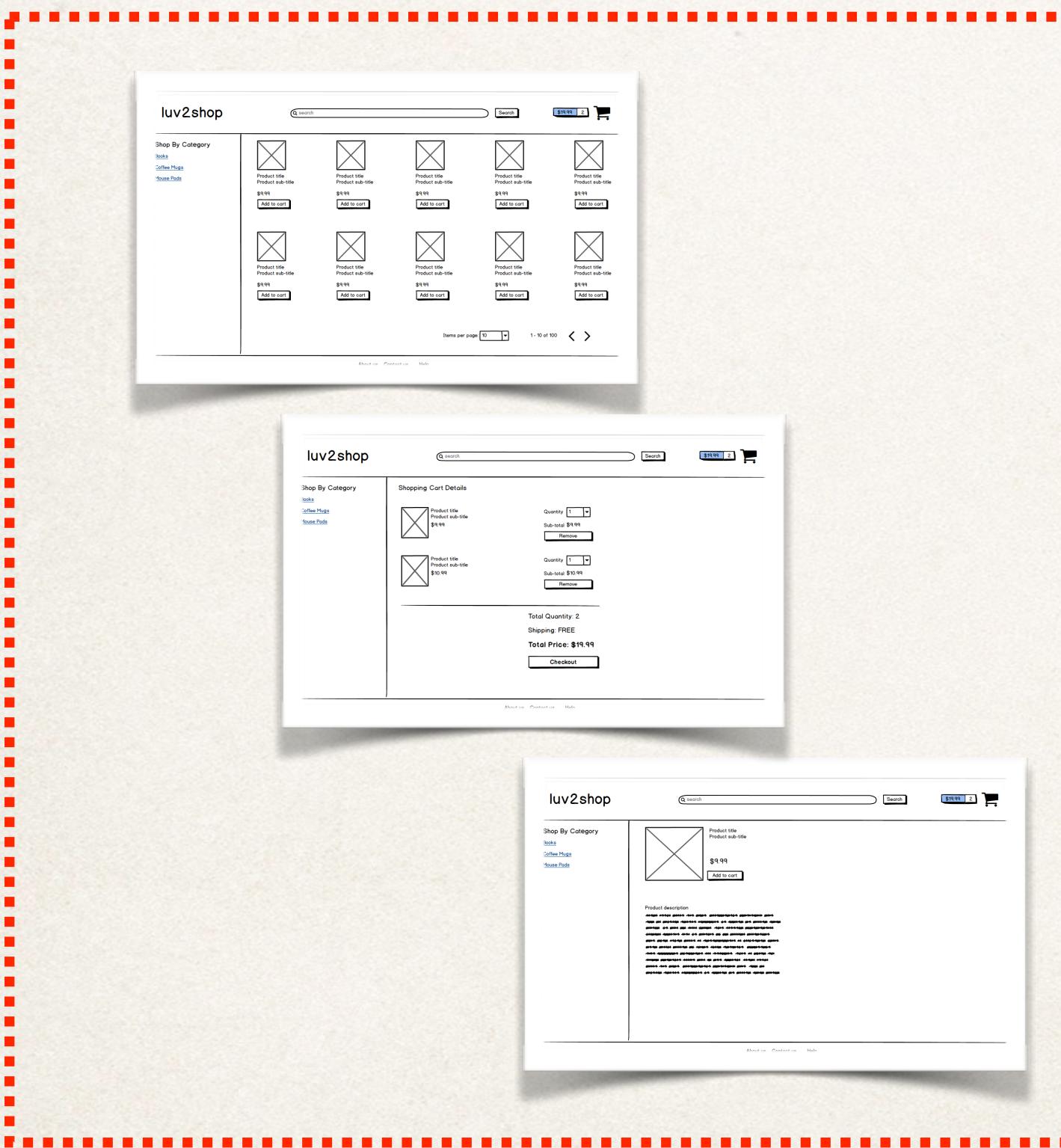
The screenshot displays a user interface for an online shop. At the top, there is a blue header bar with the logo "luv2shop" on the left, a search bar containing "Search for products...", a "Search" button, a cart icon showing "19.22" and "2" items, and a shopping cart icon. On the left side, a sidebar menu lists "Books", "Coffee Mugs", "Mouse Pads", and "Luggage Tags". The main content area shows a grid of eight product cards, each featuring a small image, the product name, and a price. Below each card is a dark blue "Add to cart" button.

Product	Image	Price	Action
Crash Course in Python		\$14.99	Add to cart
Become a Guru in JavaScript		\$20.99	Add to cart
Exploring Vue.js		\$14.99	Add to cart
Advanced Techniques in Big Data		\$13.99	Add to cart
Crash Course in Big Data		\$18.99	Add to cart
JavaScript Cookbook		\$23.99	Add to cart
Beginners Guide to SQL		\$14.99	Add to cart
Advanced Techniques in JavaScript		\$16.99	Add to cart

Wireframes to Web Template

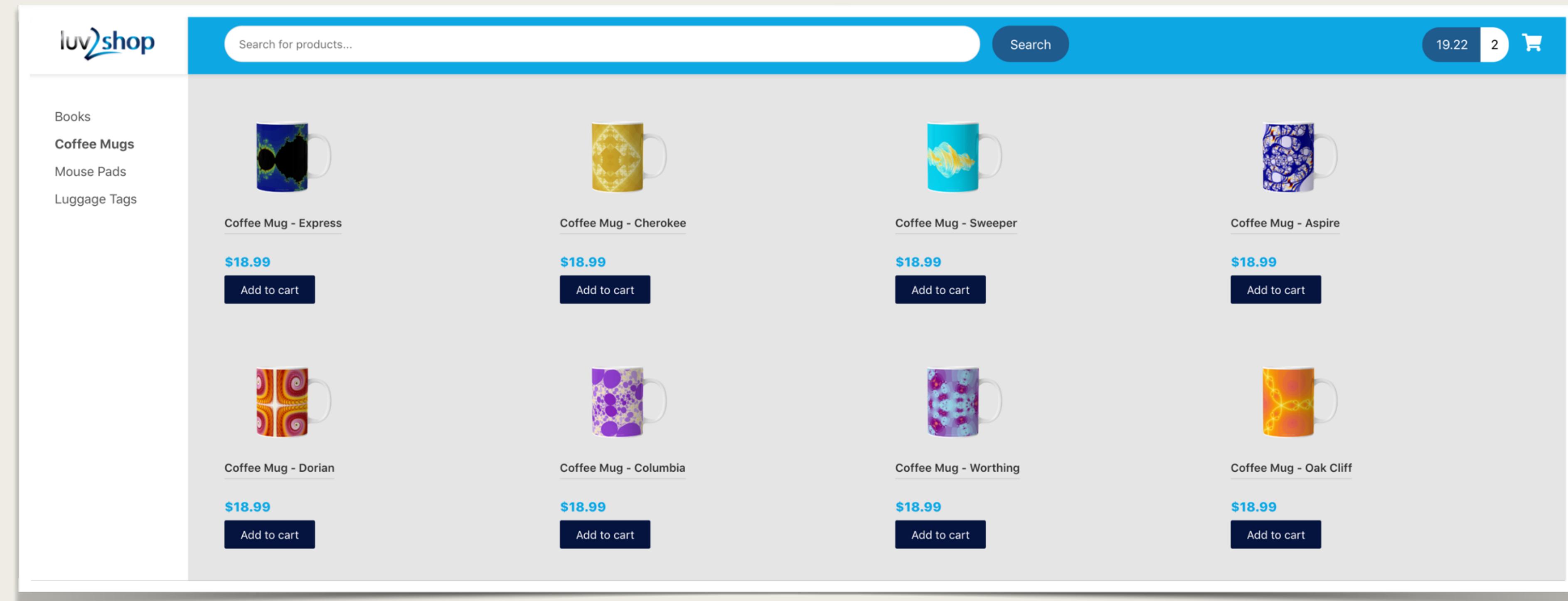
- I sent the wireframes to a friend
- He created a web template using HTML and CSS

He delivered a zip file
*.html and *.css



Online Shop Template Integration

- Integrate the HTML template with our Angular *.component.html files
- We'll add the CSS styles to our project



A Note about Cascading Style Sheets (CSS)

- The template uses CSS for styles, layout and colors
- Teaching CSS is beyond the scope of this course
- If you would like a tutorial on CSS, free online tutorials are available

www.w3schools.com/css

www.w3schools.com/bootstrap4

Development Process

Step-By-Step

1. Download the HTML template starter files
2. Install Bootstrap CSS styles locally using npm
3. Add local custom CSS styles to Angular `src/styles.css` file
4. Integrate template files into Angular app
5. Add support for icons and logos
6. Enhance our application with product images

