

Add Products to Cart - Details View



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The screenshot shows a web-based shopping cart application. At the top, there is a header with the logo "luv2shop", a search bar with placeholder text "Search for products ...", a "Search" button, and a cart summary box. The cart summary box displays a total of \$56.97 for 3 items, with a shopping cart icon. On the left side, there is a sidebar with links to "Books", "Coffee Mugs", "Mouse Pads", and "Luggage Tags". The main content area displays a product titled "Mouse Pad - Cherokee". The product image is a yellow mouse pad featuring a fractal pattern. Below the title, the original price is listed as \$17.99, and there is a blue "Add to cart" button. A green callout bubble with the text "Add product to shopping cart" has an arrow pointing towards the "Add to cart" button. The product description below the title states: "Fractal images are amazing! You can now own a mouse pad with a unique and amazing fractal. The mouse pad is made of a durable and smooth material. Your mouse will easily glide across the mouse pad. This mouse pad will brighten your workspace. Buy it now!"

Development Process

Step-By-Step

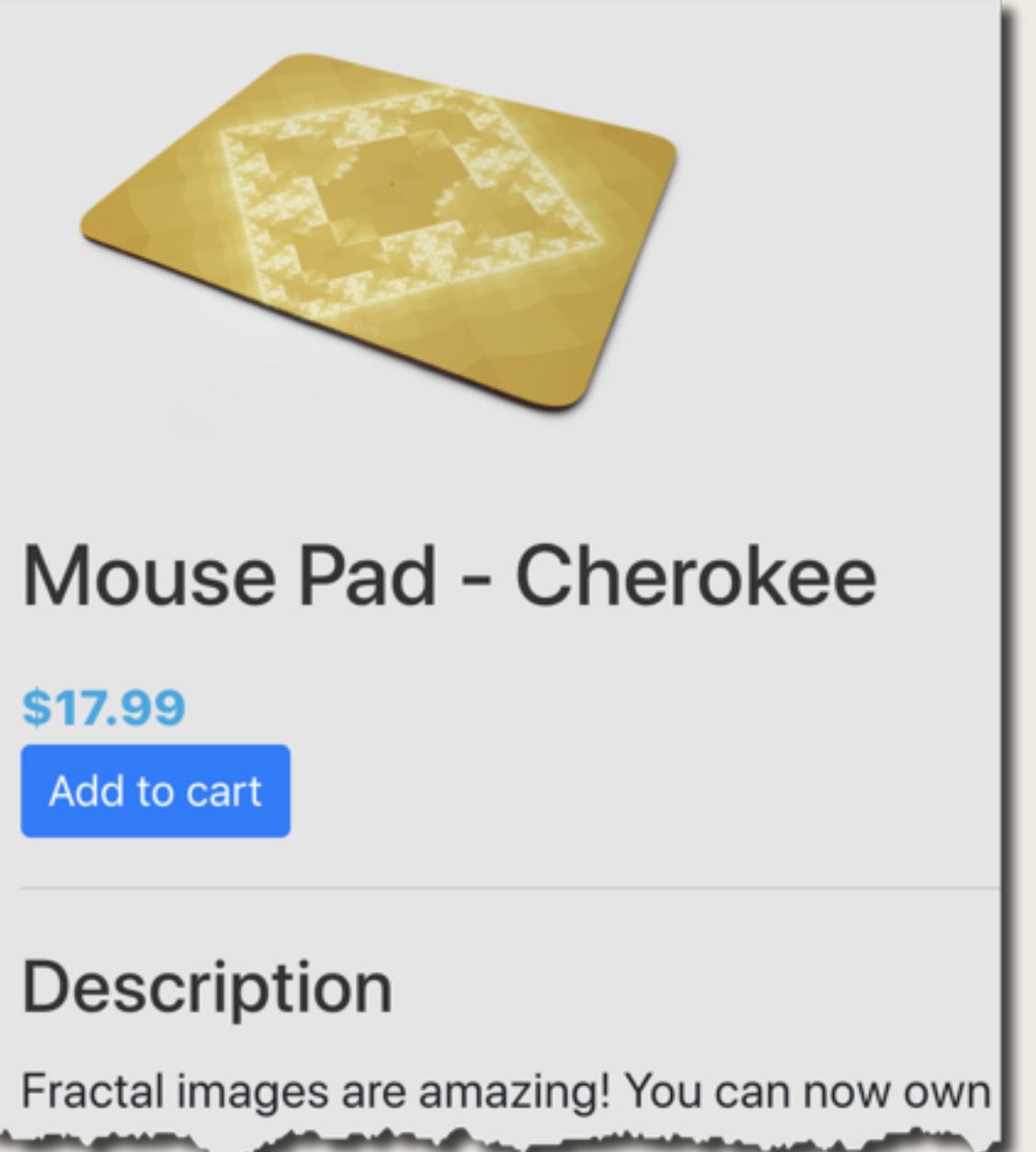
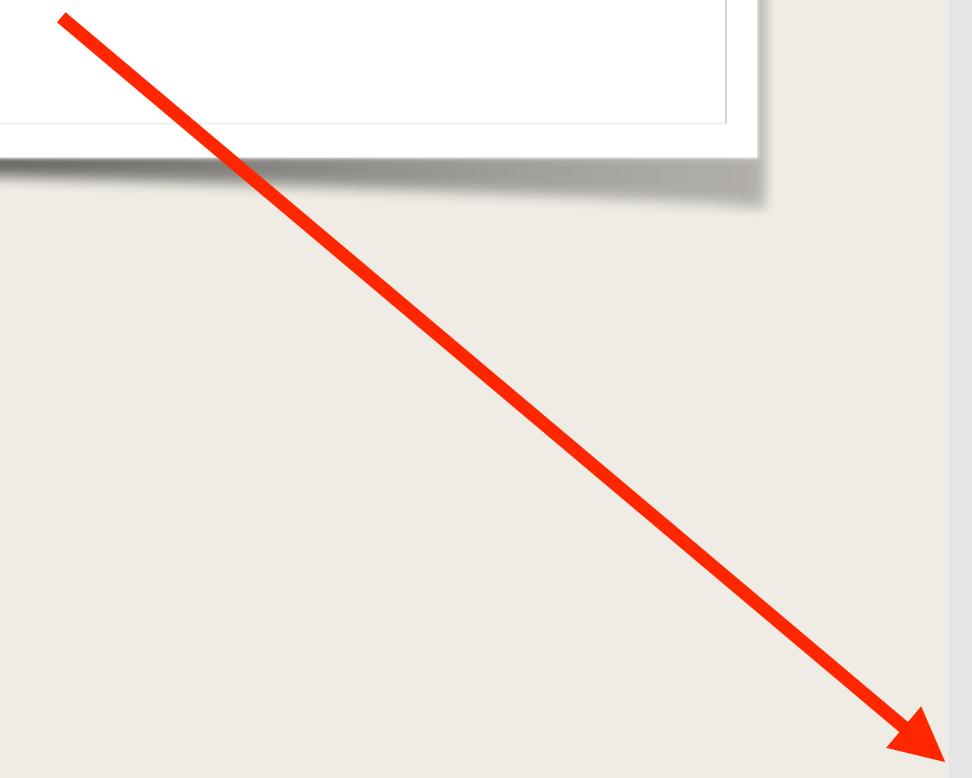
1. Add click handler for "Add to cart" button on `product-details.component.html`
2. Update `ProductDetailsComponent` with click handler method

Step 1: Add click handler for "Add to cart" button

File: product-details.component.html

```
...  
<button (click)="addToCart()" class="btn btn-primary btn-sm">Add to cart</button>  
...
```

On click event
call the method: `addToCart()`



Mouse Pad - Cherokee

\$17.99

Add to cart

Description

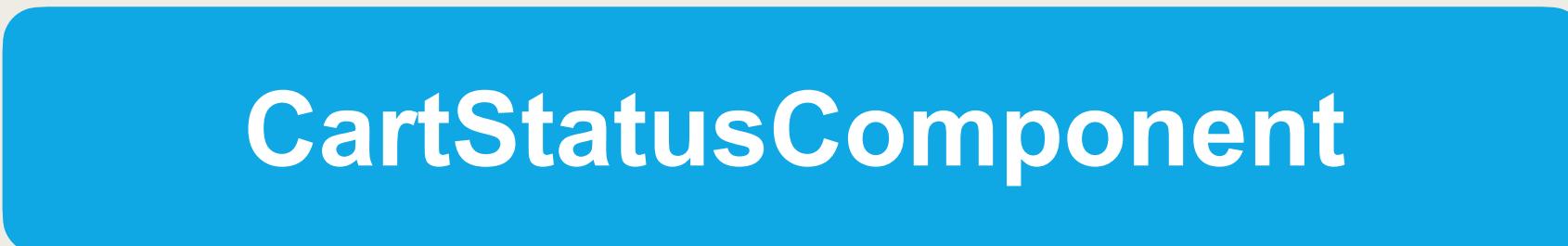
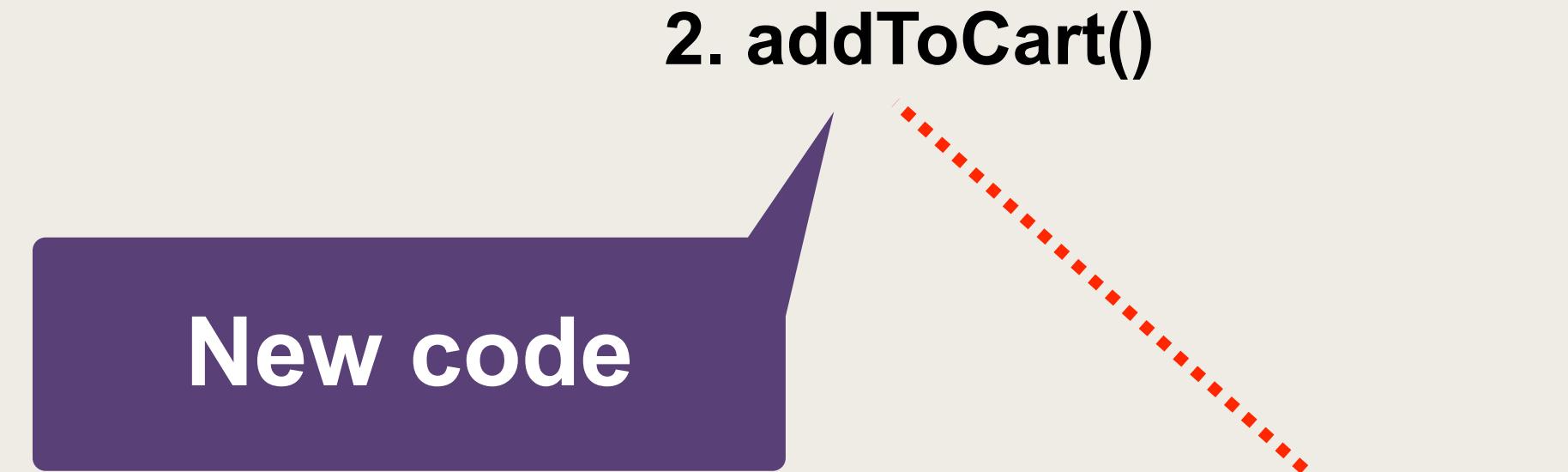
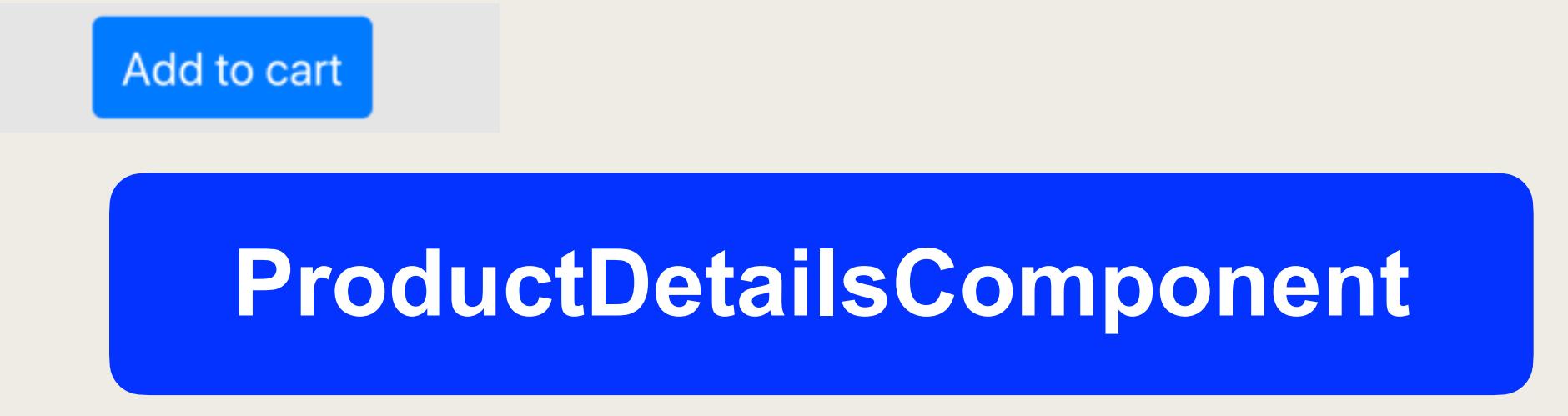
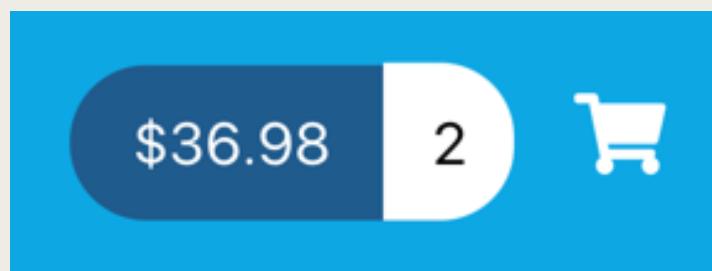
Fractal images are amazing! You can now own

Step 2: Update ProductDetailsComponent with click handler method

File: product-details.component.ts

```
export class ProductDetailsComponent implements OnInit {  
  
    product: Product = new Product();  
  
    // retrieve product from REST API (Spring Boot Backend)  
    // ...  
  
    addToCart() {  
  
        console.log(`Adding to cart: ${this.product.name}, ${this.product.unitPrice}`);  
  
        const theCartItem = new CartItem(this.product);  
  
        this.cartService.addToCart(theCartItem);  
  
    }  
}
```

Application Interaction



1. subscribe for events
2. addToCart()
3. publish events to all subscribers
4. update UI for total price and quantity



No changes
For steps 1, 3 and 4