E-Commerce Website - Java Full Stack Code Sample

Example Backend Code:

```java
package com.example.ecommerce.controller;

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.web.bind.annotation.*;
import com.example.ecommerce.model.Product;
import com.example.ecommerce.repository.ProductRepository;

@RestController
@RequestMapping("/api/products")
public class ProductController {

    @Autowired
    private ProductRepository productRepository;

    @GetMapping
    public Iterable<Product> getProducts() {
        return productRepository.findAll();
    }

    @PostMapping
    public Product addProduct(@RequestBody Product product) {
        return productRepository.save(product);
    }
}
```

Example Model Code:

```java
package com.example.ecommerce.model;

import jakarta.persistence.*;

@Entity
public class Product {

    @Id
    @GeneratedValue(strategy = GenerationType.IDENTITY)
    private Long id;
    private String name;
    private double price;

    // getters and setters
}
```

Example Frontend Code (HTML):

```html
<!DOCTYPE html>
<html>
<head>
    <title>Product List</title>
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>
<body>
    <div class="container">
        <h1>Products</h1>
        <ul id="product-list" class="list-group">
            <!-- Product items will be loaded here -->
        </ul>
    </div>
```