import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.http.ResponseEntity;

import org.springframework.web.bind.annotation.\*;

@RestController

@RequestMapping("/products")

public class ProductController {

@Autowired

private ProductRepository productRepository;

@PutMapping("/{id}")

public ResponseEntity<Product> updateProduct(@PathVariable Long id, @RequestBody Product updatedProduct) {

return productRepository.findById(id)

.map(product -> {

product.setName(updatedProduct.getName());

product.setPrice(updatedProduct.getPrice());

product.setAvailable(updatedProduct.isAvailable());

// Add any additional fields that need to be updated

Product savedProduct = productRepository.save(product);

return ResponseEntity.ok(savedProduct);

})

.orElseGet(() -> ResponseEntity.notFound().build());

}

}