AMAZON CLONE

CAPSTONE 1



NAELAH ALSHIBANI

CONTROLLER

```
@GetMapping(@>"/in/stock/{productid}/{merchantid}")
public ResponseEntity isProductInStock(@PathVariable String productid, @PathVariable String merchantid) {
    if (merchantStockServices.isProductInStock(productid, merchantid)) {
        return ResponseEntity.status(200).body(new ApiResponse("Product Is In Stock"));
    }
    return ResponseEntity.status(400).body(new ApiResponse("Product Is Out Of Stock"));
}
```

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```
@GetMapping(⊕♥"/same/product/category/{categoryid}")
public ResponseEntity getProductsByCategory(@PathVariable String categoryid) {
    ArrayList<Product> sameCategoryProducts = productServices.getProductsByCategory(categoryid);
    if (sameCategoryProducts.isEmpty())
        return ResponseEntity.status(400).body(new ApiResponse("Category ID Not Found"));
    return ResponseEntity.status(200).body(sameCategoryProducts);
}
```

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```
@PostMapping(\(\psi \) /add/review/{productid}/{userid}/{review}\)
public ResponseEntity addReview(@PathVariable String productid, @PathVariable String userid, @PathVariable String review) {
    int reviewResult = productServices.addReview(productid, userid, review);
    if (reviewResult == 1)
        return ResponseEntity.status(400).body(new ApiResponse("Product ID Not Found"));
    else if (reviewResult == 2)
        return ResponseEntity.status(400).body(new ApiResponse("User ID Not Found"));
    else if (reviewResult == 3)
        return ResponseEntity.status(400).body(new ApiResponse("Review Must Be Longer Than 5 Letters"));
    return ResponseEntity.status(200).body(new ApiResponse("Review Added Successfully"));
}
```

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```
@GetMapping(@v"/reviews/{productid}")
public ResponseEntity getProductReviews(@PathVariable String productid) {
    ArrayList<String> reviews = productServices.getProductReviews(productid);
    if (reviews == null) {
        return ResponseEntity.status(400).body(new ApiResponse("Product ID Not Found"));
    }
    return ResponseEntity.status(200).body(reviews);
}
```

```
public ArrayList<String> getProductReviews(String productID) {
    for (Product product : products) {
        if (product.getId().equals(productID)) {
            return product.getReviews(); // return list
        }
    }
    return null; // product not found
}
```