

Implementation changes from design?

1. Added API on product service which returns product when product id is passed.
2. Collection service implements methods to return collection and product proxy object when corresponding id is passed
3. Other than above mentioned points my implementation complies with the design.

How could the design have been better, clearer, or made the implementation easier?

I can reduce the number of calls to product service by caching the results. In our case it does not matter much because everything lies on memory of same machine but in case of distributed environment multiples calls for same data can hit the performance.

Did the design review help improve your design?

Discussions during reviews were very helpful. Few points I have been suggested by reviewer (Hemant Bajpai) was overlooked by me when I was designing it. With reviews and discussion the requirements became easy to understand and analyze the solution. We could also analyze the collection service design in context of the whole mobile store system.

Comments from peer design review?

- Design is mostly good.
- Add a method in product service to get product from product id.
- Class hierarchy, relationships and associations between classes are good.