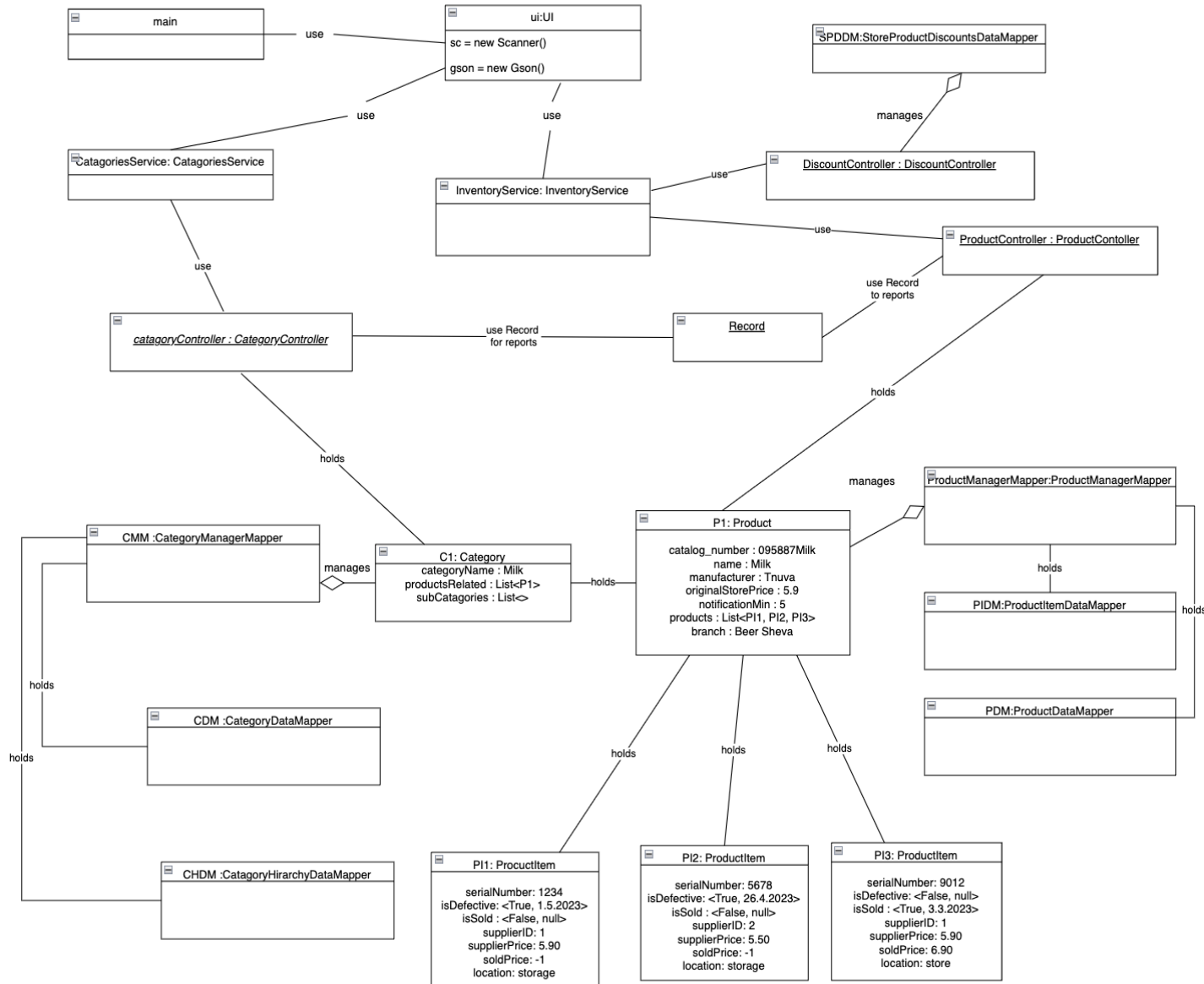


Inventory - Scenario 1:

Warehouseman added a new product to the system - milk and updated the system about 3 new milk boxes that arrived to the store.

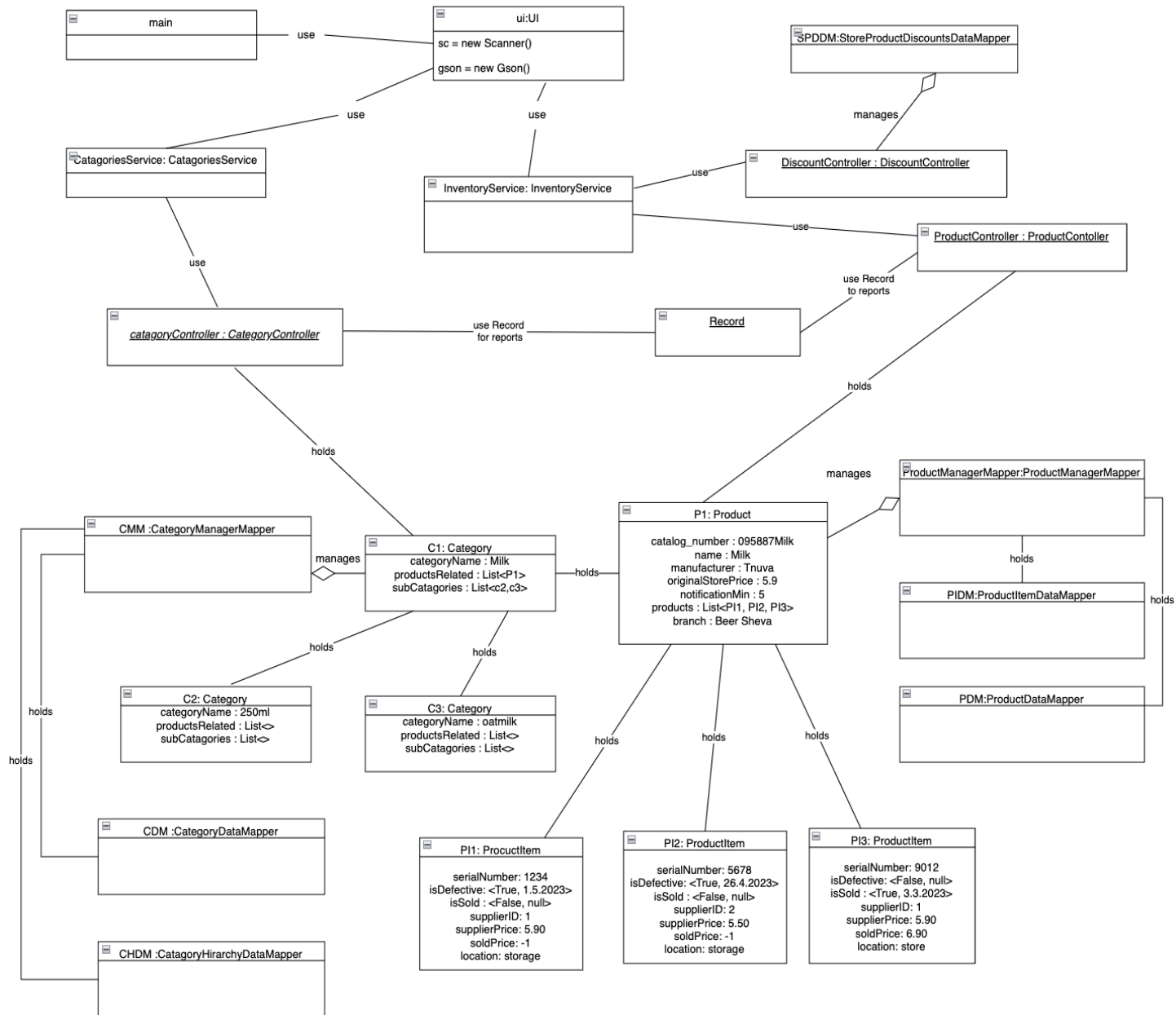
- the object diagram is after action performed- strongly satisfiable



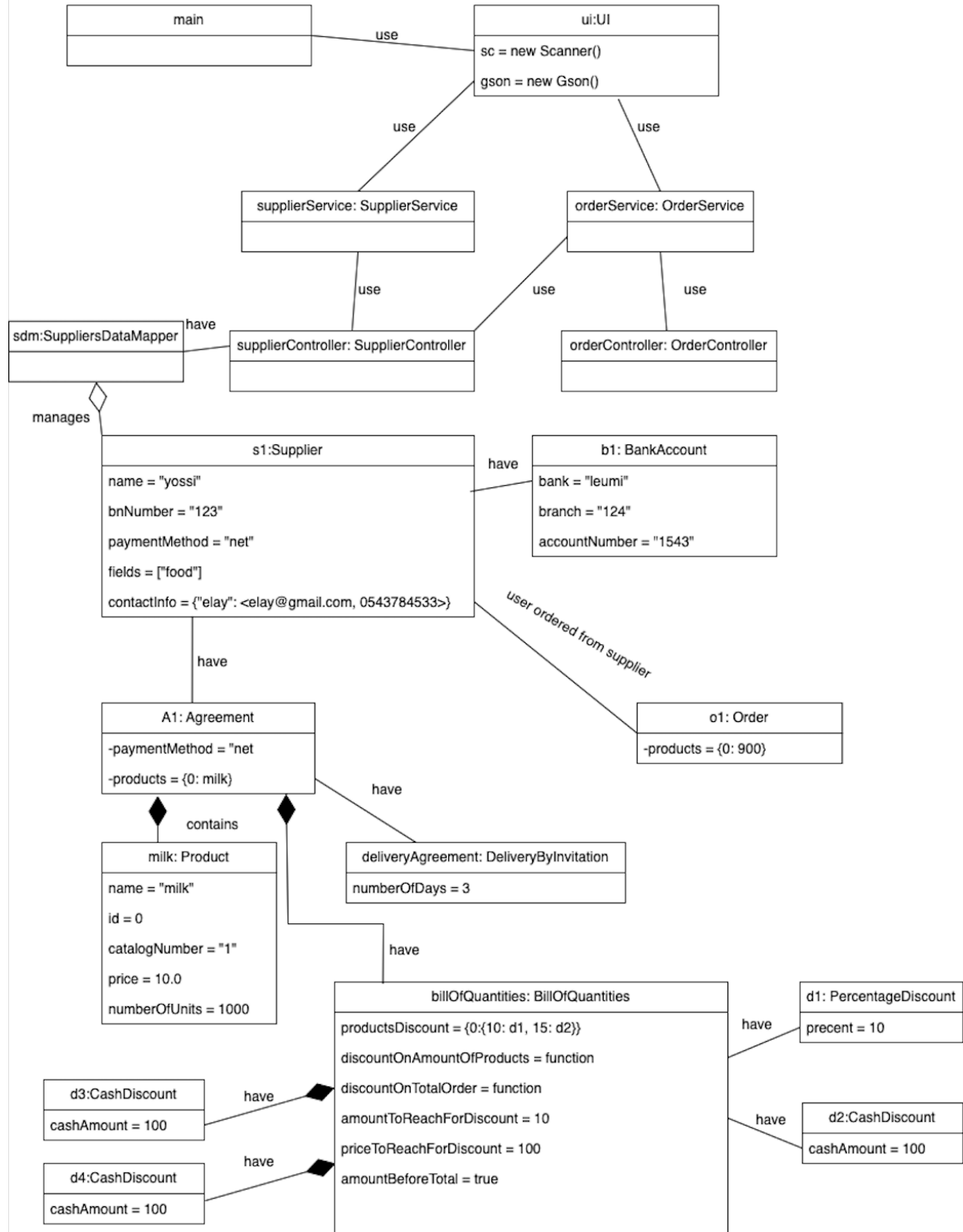
Inventory - Scenario 2:

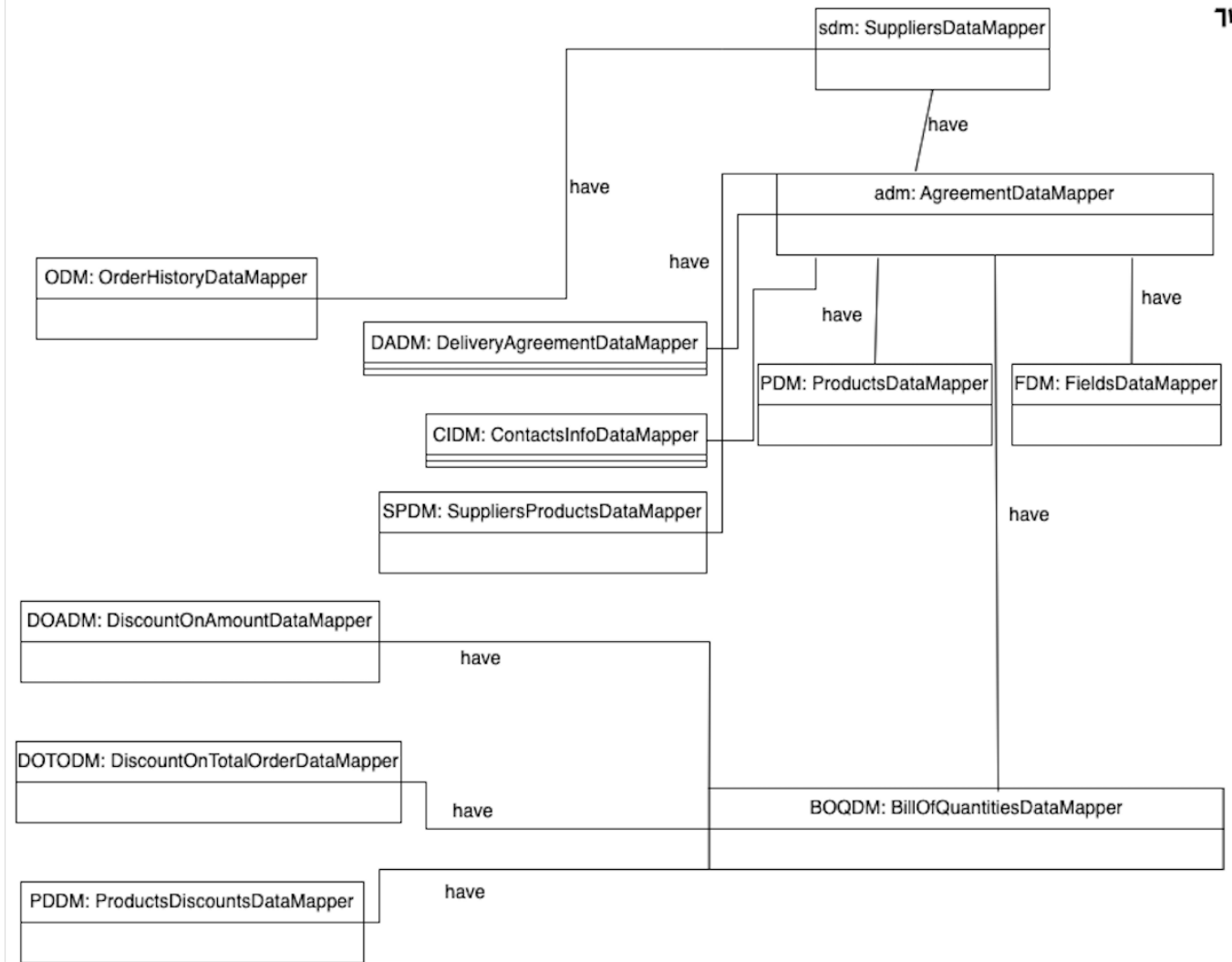
Now, the warehouseman is adding 3 sub categories under the milk category.

- the object diagram is after action performed- strongly satisfiable



Suppliers - Scenario 1: User order 900 milk and the system contains one supplier
- the object diagram is after action performed- strongly satisfiable





Suppliers - Scenario 2: user adds new supplier to the system the supplier can supply product "milk"
- the object diagram is after action performed- strongly satisfiable

