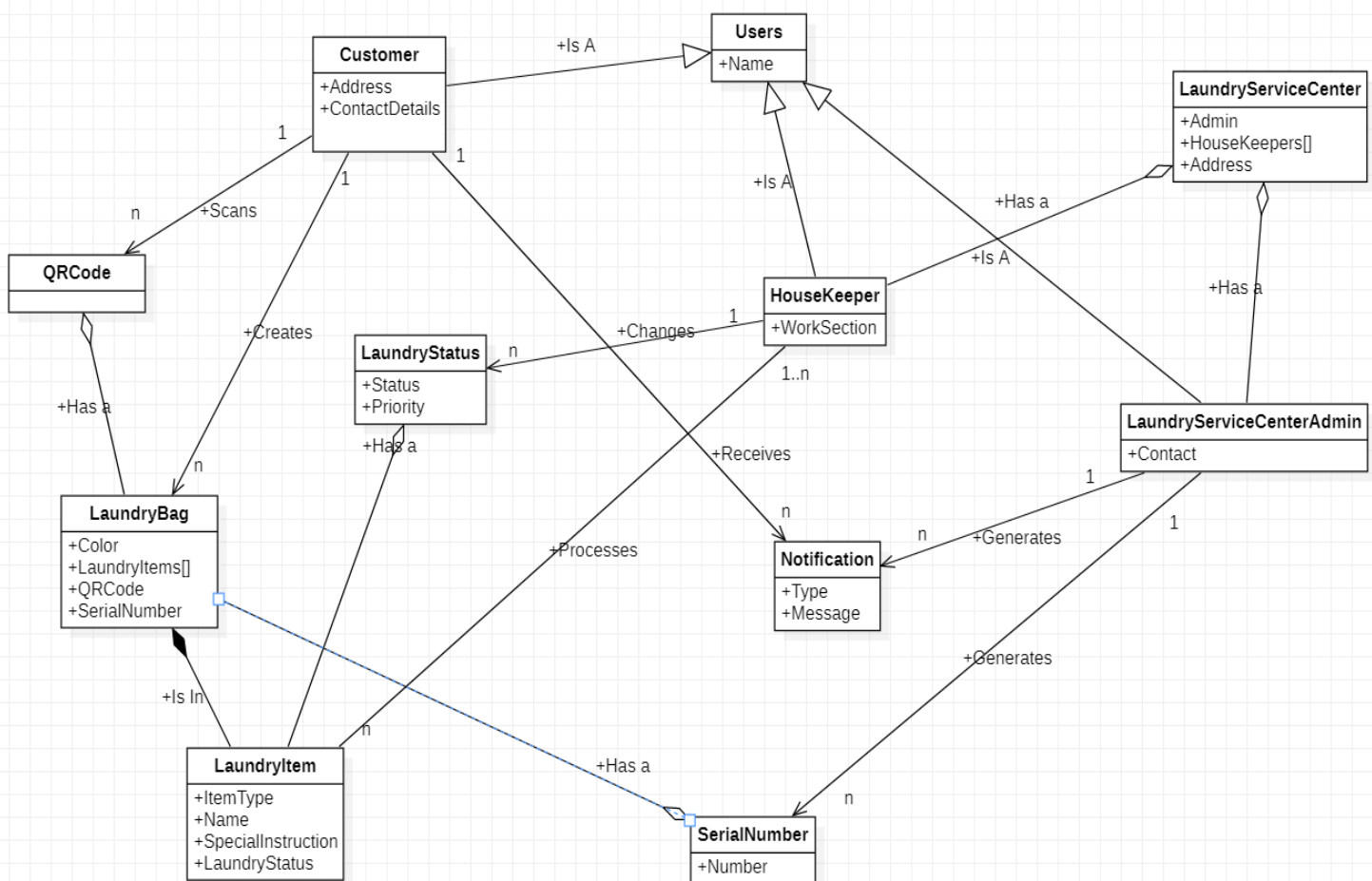


**Q1.**

- a) To draw the domain model, firstly we will identify the conceptual classes.  
Following are the conceptual classes for this Case Study

1. Users	7. LaundryServiceCenterAdmin
2. Customer	8. Notifications
3. LaundryBag	9. HouseKeeper
4. LaundryItem	10. LaundryStatus
5. QRCode	11. SerialNumber
6. LaundryServiceCenter	

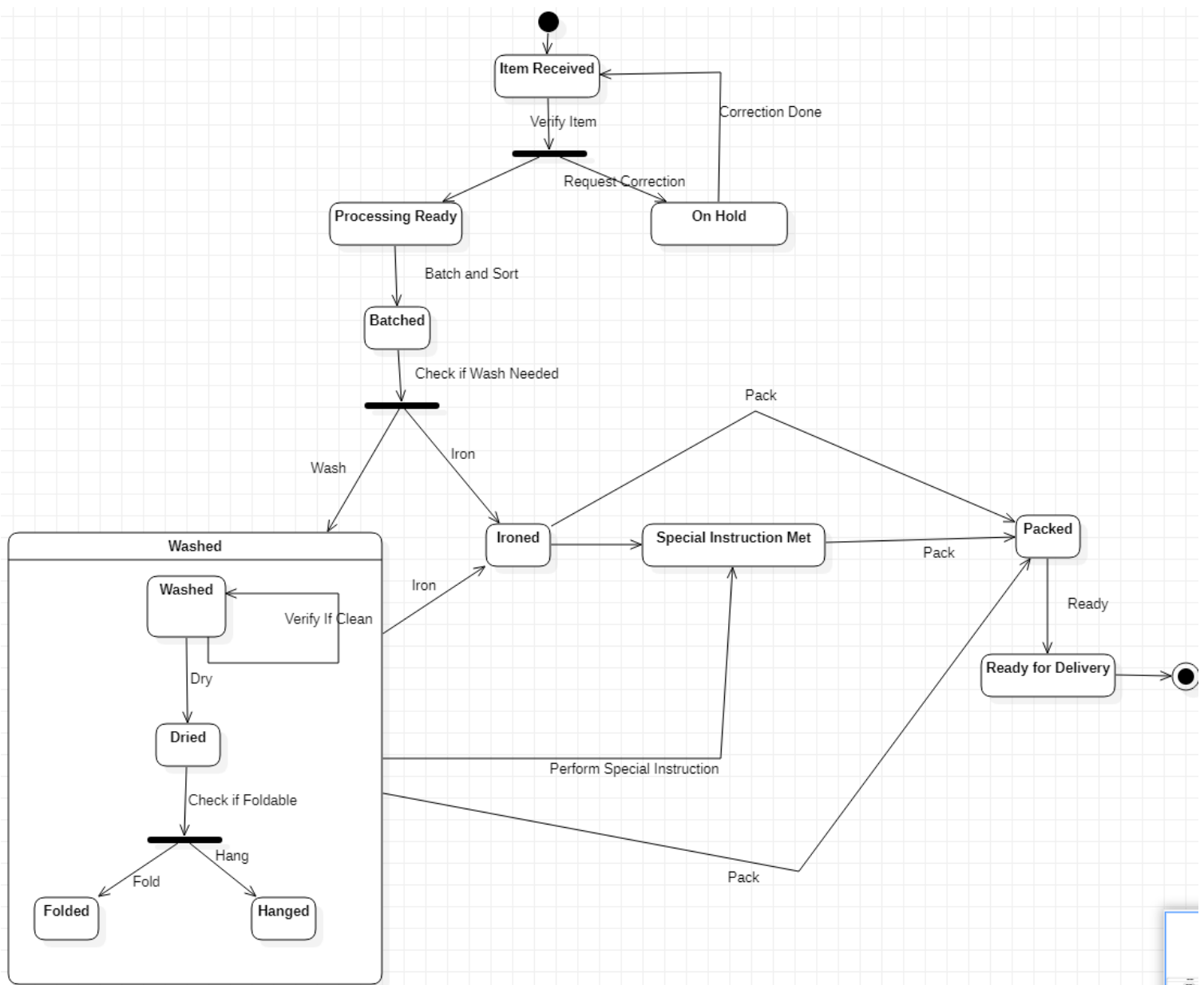
Using the above classes, following will be the domain model for the same. I have used StarUML tool to draw these diagrams.



b) Following are the states of the item which arrives for laundry.

1. Item Received	7. Dried
2. Correction Needed / On Hold	8. Ironed
3. Processing Ready	9. Hanged
4. Batched	10. Folded
5. Washed	11. Special Instruction Met
6. Wash Not Satisfactory	12. Packed
	13. Ready for delivery

State diagram for the same is as follows:



**C) Sequence diagram for Drop One Laundry Bag for laundry.**