State diagram

Actors

Farmer | Farmer | Farmer | Farmer | Distributor | Distributor | Retailer | Consumer

Modifiers

| onlyFarmer | onlyFarmer harvested | onlyFarmer processed | onlyFarmer packed | onlyDistributor forSale paidEnough | onlyDistributor sold | onlyRetailer shipped | onlyConsumer received |

Actions

| harvestItem() | processItem() | packItem() | sellItem() | buyItem() | shipItem() | receiveItem() | purchaseItem() |

State

| Harvested | Processed | Packed | ForSale | Sold | Shipped | Received | Purchased |