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Please **solve one** of these two problem.

## problem 1

Below are the list of user requirements that are need to be implemented as the technical test for backend engineer. It should be implemented for a week effectively from [DATETIME].

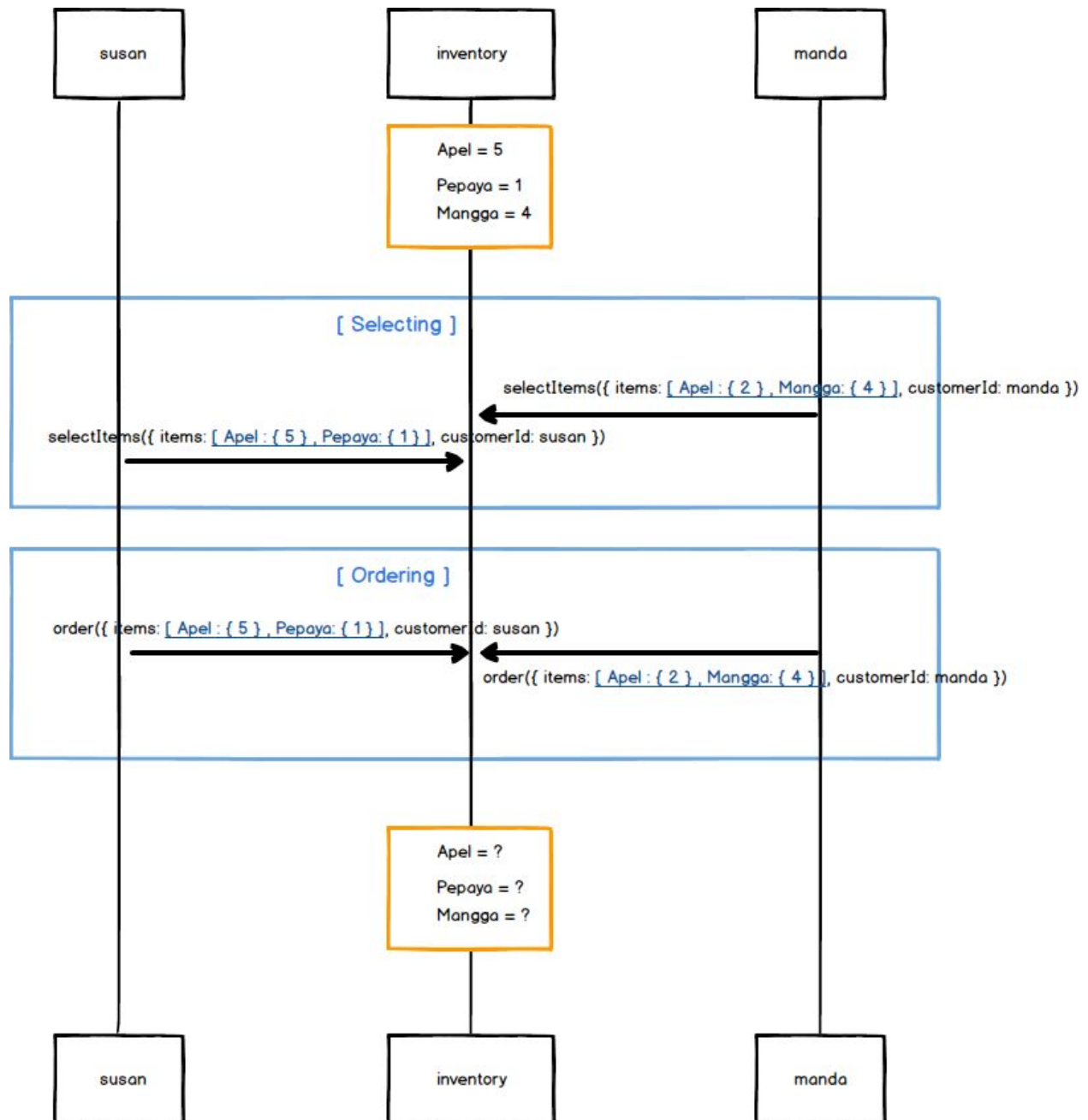
Please send the github link or bitbucket link that tried to solve those problem to us, **don't forget the readme**, so we can run and test your code.

Please implement it using one of the following languages, Java, or NodeJs, or if you want to **implement with another languages, give us the explanation/benchmark why you choose that language**. If you need to ask something, feel free to contact [CONTACTPERSON]

1. (Selecting) As a customer I can select item which I want, if stock is available
2. (Ordering) As a customer I can order items which I've already selected is stock available

Situations which must to be handled

1. Susan and Manda is ordering apple concurrently
2. Apple stock = 5, How do you serve Susan and Manda order?



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## problem 2

Below are the list of user requirements that are need to be implemented as the technical test for backend engineer. It should be implemented for a week effectively from [DATETIME].

Please send the github link or bitbucket link that tried to solve those problem to us, **don't forget the readme**, so we can run and test your code.

Please implement it using one of the following languages, Java or NodeJs, or **if you want to implement with another languages, give us the explanation/benchmark why you choose that language**. If you need to ask something, feel free to contact [CONTACTPERSON]

1. (Connection) As a Driver, I can connect to Ride Sharing system
2. (Connection) As a Passenger, I can connect to Ride Sharing system
3. (Connection) As a Driver, I can send my presence to Ride Sharing system
4. (Connection) As a Passenger, I can send my presence to Ride Sharing system
5. (Pairing) As a Passenger, I can send requests to Driver
6. (Pairing) As a Driver, I can receive requests from Passenger
7. (Pairing) As a Driver, I can accept requests from Passenger
8. (Pairing) As a Passenger, I can receive accepted requests from Drivers
9. (Approaching) As a Driver, I can send my location
10. (Approaching) As a Passenger, I can receive Driver location
11. (Driving) As a Driver, I can start the trip
12. (Driving) As a Driver, I can end the trip

