

## Sequence diagram for delivering according to approved purchase orders

### Assumptions

- Since we didn't take any user to represent delivery team (because in use case diagram I considered delivery team is not directly involved with the system), when I am drawing the sequence I considered delivery as an object not a user. And also, payment for the delivery team can neglect with it. (We can think delivery team as taxi drivers here. I mean we can call them when we need and make the payment at that time and should be able to close the chapter for that time.)
- When approving order by senior manager, he/she will call the getItemAvailbily method to check whether the stock area is enough to store the ordered purchase goods prior to the process of sending approved orders for suppliers.
- Procurement Manager, Site Manager and Supplier should responsible for delivery team and should be able to monitor their work.
- Taken the scenario of buying goods in large scales and store them according to the availability of site.
- Assumed payment for the delivery team for their delivering is not happened through system. But calculation should happen.
- Assumed payment for the goods for supplier has already done. Because supplier also need money to buy some goods. And as I mentioned under the use case assumption I have neglected the process of buying goods from vendors by suppliers.
- getApprovedOrdersByPriority method will return the order List which are urgent and they are displayed in a table where we can select records separately and add to the deliveries.
- Supplier has the all the goods which they need.
- Calculate transportation goods and make the payment for the delivery team at the procurement manger's end when receiving goods.
- Here order status can have accepted, rejected and re-ordered.
- Here delivery status can have pending and completed.

