

**Use case name:** issuing a periodical order.

**Textual Description:** ordering of a periodical order, which is an order that is reordered every fixed amount of time - the periodical order is placed once the original order was received from the supplier.

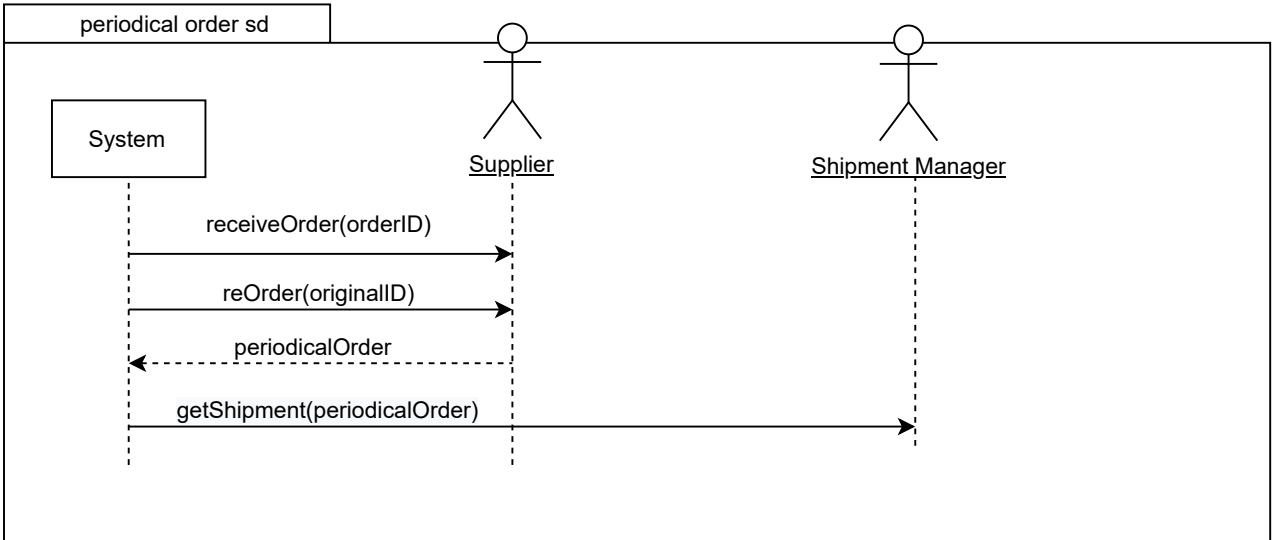
**Actors:** shipment manager , supplier.

**Pre Conditions:** the period of time that should pass between 2 orders of the periodical order has passed at the date of the reordering.

**Post Conditions:** the new order's details are saved in the system.

**Main success scenario:** the order is saved in the system.

**Alternatives:** in reality there could be a scenario where no supplier can deliver the order so the order won't be saved in the system but we don't deal with such cases in the current version of the system.



**Use case name:** issuing an order due to a shortage of a product.

**Textual description:** ordering of a shortage order , which is an order of one product that is in shortage in the inventory. This use case is triggered after a new sale is recorded.

**Actors:** shipment manager , supplier, inventory manager.

**Pre-conditions:** the quantity of the product being ordered in the inventory is below the minimum quantity.

**Post-conditions:** the new order's details are saved in the system, the product's quantity in the inventory is not below the minimum allowed.

**Main success scenario:** the order is saved in the system.

**Alternatives:**

- 1.in reality there could be a scenario where no supplier can deliver the order so the order won't be saved in the system but we don't deal with such cases in the current version of the system.
2. if the quantity of product units being ordered plus the current units amount is less than the minimum quantity for this product, than the amount of ordered units is increased such that the quantity of product units being ordered plus the current units amount is equal to the minimum quantity allowed for the product.

