# Use case:

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| --- | --- | --- |
| create order due to lack | create circulating order | Use case name |
| Creating an order that will be sent when there is a lack of particular product | Create an order that will be sent at a regular time | Textual Description |
| worker | worker | List of Actors |
| 1. The amount of the specific products reached the minimum 2. The chosen supplier exist in the system | 1. The chosen supplier exist in the system | Pre-conditions |
| 1. A Order instance o will be created 2. A Product instances will be created when the amount reached the minimum 3. Each product p was associated with the current order 4. The order o gets an amount for each product p 5. The current order was associated with the Store(to add it to the historical orders) | 1. An Order instance o was created 2. A Product instances were created by demand 3. Each product p was associated with the current order 4. The order o gets an amount for each product p 5. The current order was associated with the Store (to add it to the historical orders) | Post-conditions |
| 1. Worker chooses a supplier 2. The worker create an order 3. The worker add the products and specify amount to each product 4. Worker send/save the order | 1. Worker chooses supplier 2. Worker creates a circulating order 3. Worker adds product and amounts to the order 4. The worker choose delivery days 5. Worker send/save the order | Main success scenario |
|  |  | Alternatives/Extensions |

Use case e:

* name: create circulating order
* Textual Description: Create an order that will be sent at a regular time
* List of Actors: Worker
* Pre-conditions: The chosen supplier exist in the system
* Post-conditions:
  1. A required supplier is chosen
  2. An Order instance o was created
  3. A Product instances were created by demand
  4. Each product p was associated with the current order
  5. The order o gets amount for each product p
  6. The current order was associated with the Store (to add it to the historical orders)
* Main success scenario:
  1. Worker chooses supplier
  2. Worker creates a circulating order
  3. Worker adds product and amounts to the order
  4. Worker send/save order
* Alternatives/Extensions:

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Use case f:

* Name: create order due to lack
* Textual Description: Creating an order that will be sent when there is a lack of particular product
* List of Actors: worker
* Pre-conditions:
  1. The amount of the specific products reached to the minimum
  2. The chosen supplier exists in the system
* Post-conditions: (When the trigger is triggered)
  1. An Order instance o will be created
  2. A Product instances will be created when the amount reached the minimum
  3. Each product p was associated with the current order
  4. The order o gets an amount for each product p
  5. The current order was associated with the Store(to add it to the historical orders)
* Main success scenario: (only append once for each product)
  1. The worker chooses product (which have a min amount field)
  2. The worker specify amount to refile
  3. (When there is a lack of this product):
  4. The system selects the supplier with the largest discount on the product
  5. The system creates a new order to this supplier
  6. The systemaddstheproduct and amount to the order
  7. The system send\save the order
* Alternatives/Extensions:

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