
Systems Analysis

iSchool Webstore Use Case Specification: Pick Order

Version 1.0

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Use Case Specification: <Use-Case Name> Pick Order	Date: 2015-10-10

Revision History

Date	Version	Description	Author
2015-10-10	V 1.0	First Draft	Kevin Trainor

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1. Pick Order

1.1 Brief Description

The Order Picker picks an order.

2. Flow of Events

2.1 Basic Flow

The use case begins when the Order Picker informs the system that she is ready for the next order.

The System prints an Unpicked Order document for the next available order

(order-number, {item-number, item-description, item-quantity}).

The Order Picker selects a bin that is large enough to hold the order.

While there are still unpicked items on the order:

The Order Picker picks the item and places it in the bin.

The Order Picker informs the System that picking for this order is complete.

The System subtracts the items in the order from inventory on-hand amounts.

The System marks the order as picked.

The System prints a Picked Order document for this order (order-number, picked-date).

The Order Picker places the Picked Order document into the bin with the picked items.

The Order Picker places the bin in the picked queue.

The use case ends.

2.2 Alternative Flows

2.2.1 *Order Picker Cancels the Pick*

At any time during the pick operation, the Order Picker can inform the system that she wishes to cancel the pick.

The System cancels this pick operation and does not make any changes to inventory on-hand amount.

The Order Picker returns all items to stock.

The Order picker discards the Unpicked Order document.

The use case ends.

2.2.2 *Insufficient Inventory*

If the Order Picker discovers insufficient inventory at any time during the pick operation, flow continues following the Order Picker Cancels the Pick alternative flow.

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3. Special Requirements

3.1 The system must support up to 1000 unpicked orders at any time.

4. Pre-Conditions

4.1 Before starting this use case, the Order Picker must have successfully completed the Login use case.

5. Post-Conditions

5.1 Successful Post-Condition

Inventory on-hand balances have been adjusted for the items contained in the order. The order has been marked as picked.

5.2 Unsuccessful Post-Condition

No changes have been made to inventory on-hand balances. The order is still marked as unpicked.

6. Extension Points

No extension points are anticipated.

7. Key Scenarios

7.1 Basic Scenario

This scenario is documented in the Basic Flow above and in the Pick Order Basic Flow activity Diagram.