Add Inventory Use Case

Document Information

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| Document Title | Add Inventory |
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1. Brief Description

Employee receives items and enters the item name, type, and quantity into inventory. Starts when employee clicks “add” and ends when employee clicks “save” and item name, quantity, and type is saved in the database.

1. Actors

Employee

* The goal is to add inventory item name, type, and quantity into the database for later retrieval or modification.

1. Pre-Conditions

Employee must be logged into the system using a valid user name and password.

1. Triggers

* Employee logs into the system.
* Employee clicks on “add” inventory.

1. Main Success Scenario (Happy Path)

1. Employee clicks “add” inventory button

2. Employee enters item name

3. Employee enters item quantity

4. Employee enters item type

5. Employee clicks “save”

6. Database is updated with item name, quantity, and type

7. Use Case ends

1. Alternate/Exception Flows

Alternative Flow:

2a. Employee does not see this item name in the database

2b. Employee enters the name of the new item

3. Employee enters item quantity

4a. Employee does not see this item type in the database

4b. Employee enters the type of the new item

5. Employee clicks “save”

Exception Flow:

3a. Employee enters negative number of items

3b. System responds with error message “please enter correct quantity”

3c. Employee enters correct quantity

4. Employee enters item type

5a. Employee forgets to click “save” and closes the program

5b. Database is not updated

5c. Use Case ends

1. Post Conditions

* Database is updated to current inventory of items, types, and quantities

1. Business Rules

1. Item names are checked to ensure correct spelling with no duplicates

2. Item types are limited to pre-determined categories

3. Database is kept up to date

4. Workflow is efficient

1. Notes

No notes at this time.

1. Visual Model

See UML Use Case diagram, State diagram, and Sequence diagram.

Revision History

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