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| **Store Item** | | | |
| **Use case:** | | **Store Item** | |
| **Actors:** | | Manager, RCS | |
| **Purpose:** | | Store a specific Item on its associated stock position. | |
| **Overview:** | | The item is scanned and its stock position is retrieved from CSS and forwarded to the RCS (Robot Controlled System). The Item is then moved to its associated stock position and its information is stored in the database. | |
| **Type:** | | Essential | |
| **Preconditions:** | | The item type must exist in the system | |
| **Postconditions:** | | The item is added to storage, and the System is updated. | |
| **Special Req.:** | | No special requirements needed. | |
|  | |  | |
| **Flow of Events** | | | |
| **Actor Action** | | | **System Response** |
| 1. The use case starts when Manager puts an item on a storage buffer, and clicks "Store Item" | | | 1. RCS: The conveyer belt transports the item to a scanner, and scans the item. the scanned info is send to CSS |
|  | | | 1. CSS: Looks up the item, using the scanned info, and sends the stock position back to the RCS |
|  | | | 1. RCS. Places the item on its position, and returns a confirmation to CSS. |
|  | | | 1. CSS: updates stock and returns a confirmation to the Manager. |
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| **Alternative Flow of Events** | | | |
| **Line 2:** | Item type doesn’t exist in the system. Return Item to storage buffer, and notify the Manager. | | |

Version 2

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| **Store Item** | | | |
| **Use case:** | | **Store Item** | |
| **Actors:** | | Manager, RCS | |
| **Purpose:** | | Store a specific Item on its associated stock position. | |
| **Overview:** | | The item is scanned and its stock position is retrieved from CSS and forwarded to the RCS (Robot Controlled System). The Item is then moved to its associated stock position and its information is stored in the database. | |
| **Type:** | | Essential | |
| **Preconditions:** | | The item type must exist in the system | |
| **Postconditions:** | | The item is added to storage, and the System is updated. | |
| **Special Req.:** | | No special requirements needed. | |
|  | |  | |
| **Flow of Events** | | | |
| **Actor Action** | | | **System Response** |
| 1. The use case starts when Manager puts an item on a storage buffer, and clicks "Store Item" | | | 1. CSS: Creates the item. |
|  | | | 1. RCS: The conveyer belt transports the item to a scanner, and scans the item. the scanned itemtype is send to CSS |
|  | | | 1. CSS: The item is associated with the itemtype. 2. RCS : the Items is placed by RCS |
|  | | | 1. CSS: updates stock and returns a confirmation to the Manager. |
|  | | |  |
| **Alternative Flow of Events** | | | |
| **Line 3:** | Item type doesn’t exist in the system. Return Item to storage buffer, and notify the Manager. | | |