***Specification of use case “Create Sell Order”***

|  |  |  |  |
| --- | --- | --- | --- |
| **Use case code** |  | **Use case name** |  |
| **Agent** | User | | |
| **Prerequisite** | User successfully logged in | | |
| **Main flow of event**  **(Success)** | |  |  |  | | --- | --- | --- | | **No.** | **Performed by** | **Action** | |  | User | Chooses Selling function | |  | System | Gets the list of customers & products and displays the Create Sell Order interface | |  | User | Enters customer’s information | |  | System | Checks if the user has entered valid information. (Described below) | |  | User | Choose products and quantity from the list | |  | System | Checks if the user has chosen a valid amount | |  | System | Displays the SellOrder created | |  | User | Confirms to place the SellOrder | |  | System | Save the SellOrder’s info, including saving Customer’s info (if the customer’s phone number has never appeared in User’s list) | | | |
| **Alternate flow of event** | |  |  |  | | --- | --- | --- | | **No.** | **Performed by** | **Action** | | 4a | System | Notifies the user that the entered information was not valid (phoneNumber must not contain letters/special characters) | | 6a | System | Notifies the user that there are products which their stocks may not fulfill the requirement (e.g: amount left = 3 while the order needs 4) | | | |
| **Postrequisite** | None | | |

\*Input data of Customer includes these following fields:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Data field** | **Must?** | **Valid condition** | **Example** |
|  | Name | No | Just need to enter a part of the name | Hai |
|  | Phone Number | No | Only digits, must be unique if the data field is not empty | 01233243422 |
|  | Age Group | No | Enum type, default UNKNOWN |  |
|  | Gender | No | Enum type, default UNKNOWN |  |
|  | Address | No |  |  |