## Use case 1 (for Customer)

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| **Use Case “View Product Details”**   1. **Use case code**   UC004   1. **Brief Description**   This use case describes the interaction between Customer and Software when the Customer wish(es) to view the details of a certain product.   1. **Actors**   **3.1. Customer**   1. **Preconditions**   Customer is already looking at a list of products and is about to choose a product to view details of.   1. **Basic Flow of Events** 2. Customer request to view a product’s details. 3. Software displays the corresponding information of said product. 4. Customer inputs the amount of the corresponding product to add to cart. 5. Software checks if the value input is valid or not. 6. Software checks inventory if there are enough to add. 7. Software confirms and add the specified amount of the product into cart 8. **Alternative flows**   Table N-Alternative flows of events for UC View Product Details   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **No** | **Location** | **Condition** | **Action** | **Resume location** | |  | At Step 4 | If the amount is an invalid value | * Shows error notification and request the Customer to re-input the amount | Resumes at Step 2 | |  | At Step 5 | If the amount exceed remaining inventory amount | * Shows error notification and request the Customer to re-input the amount | Resumes at Step 2 |  1. **Input data**   Table A-Input data of View Product Details   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **No** | **Data fields** | **Description** | **Mandatory** | **Valid condition** | **Example** | |  | Amount | Amount of items to add to cart | No | Positive integer | 3 |  1. **Output data**   Table B-Output data of View Product Details   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **No** | **Data fields** | **Description** | **Display format** | **Example** | |  | Success notification | Notify the Customer if the items have been added to cart | Text | Product has been added to cart! | |  | Invalid value notification | Notify the Customer if the value input in the Amount field is an invalid amount | Text | Invalid amount! | |  | Not enough in inventory notification | Notify the Customer if the amount exceed remaining inventory amount | Text | There are not enough items of the specified type in the inventory! |  1. **Postconditions**   None |

**10. Activity Diagram:**

**A screenshot of a computer

AI-generated content may be incorrect.**

## Use case 2 (for Product Manager)

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| **Use Case “View Product Details”**  **1. Use case code**  UC005  **2. Brief Description**  This use case describes the interaction between Product Manager and Software when the Product Manager wish(es) to view the details of a certain product.  **3. Actors**  **3.1. Product Manager**  **4. Preconditions**  Product manager is already logged in and is going to look at a specific product’s details.  **5. Basic Flow of Events**  1. Product Manager requests to view a specific product details.  2. Software displays the information of the chosen product.  3. Product Manager may choose to Update or Delete product.  **6. Alternative flows**  Table N-Alternative flows of events for UC View Product Details   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **No** | **Location** | **Condition** | **Action** | **Resume location** | | 1. | At Step 3 | If product manager chooses to Update Product | * Switch to UC Update Product | Resumes at Step 2 | | 2. | At Step 3 | If product manager chooses to Delete Product | * Switch to UC Delete Product | Resumes at Step 2 |   **7. Output data**  Table B-Output data of View Product Details   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **No** | **Data fields** | **Description** | **Display format** | **Example** | | 1. | Update Product | Switch to Update Product Use case | Information form |  | | 2. | Delete Product | Switch to Delete Product Use case | Confirmation box |  |   **9. Postconditions**  None |

**10. Activity Diagram:**

**A screenshot of a computer

AI-generated content may be incorrect.**