**User Requirenments Document**

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[Introduction](#_cxv453df9dzu)

[User Classes and Characteristics](#_mumqld3pw5jr)

[Use Case List](#_1plkucvojq1y)

[Use Case Description](#_gvcwvq6v5eov)

### Introduction

1.1. Document Purpose

This document describes user classes and their requirements in the form of use cases for the “Sport Goods Procurement” platform. The document includes only MVP use cases.

### User Classes and Characteristics

| User Affiliation | User Class | Platform functions used | Amount |
| --- | --- | --- | --- |
| Sport Store | Sales department manager | View suppliers catalogs  Upload order task  View all orders’ statuses | 1 |
| Sport Store | Sales department worker | View suppliers catalogs  Upload order task  View order status | 5 |
| Sport Store | Product inventory department manager | View suppliers catalogs  Upload order task  View all orders’ statuses | 1 |
| Sport Store | Product inventory department worker | View suppliers catalogs  Upload order task  View order status | 5 |
| Sport Store | Purchase department manager | View suppliers catalogs  Assign order task to worker  Create purchase order  Create production order  View order  Edit order  Confirm order  View all purchase orders  View all orders’ statuses  Disconnect supplier | 1 |
| Sport Store | Purchase department worker | View suppliers catalogs  Create purchase order  Create production order  View order  Edit order  View order status | 10-15 |
| Supplier | Supplier | Get new order notification  Get order edited notification  Upload catalog  Adjust order  Confirm order  View all orders  View all orders’ statuses | 30-50 |

### Use Case List

| ID | Name | Actor | Summary |
| --- | --- | --- | --- |
| UC1 | View suppliers catalogs [#bookmark=id.2az4b12nwu3k](#2az4b12nwu3k) | Sport Store User | User chooses supplier, views its catalog, views product info, adds product to cart |
| UC2 | Upload order task [#bookmark=id.2sphwqgyxta1](#2sphwqgyxta1) | Sales department manager  Sales department worker  Product inventory department manager  Product inventory department worker | User uploads the Excel /CSV export from computer or chooses table from Sport Store service |
| UC3 | Assign order task to worker [#bookmark=id.pt4n6f1ylmfu](#pt4n6f1ylmfu) | Purchase department manager | User assignes new order task to purchase demartment worker |
| UC4 | Create purchase order [#bookmark=id.ca3npz5s2at4](#ca3npz5s2at4) | Purchase department manager  Purchase department worker | User creates a new order using order task |

### Use Case Description

| ID | UC1 | Name | View suppliers catalogs |
| --- | --- | --- | --- |
| Created at | 06.06.2022 | Updated at |  |
| Summary | User chooses supplier, views its catalog, views product info, adds product to cart | | |
| Actor | Sport Store User | | |
| Preconditions | 1. User has access to the platform  2. Supplier has uploaded catalog on the platform | | |
| Postconditions | 1. User has added products to cart  2. Platform provides the estimated lead-time | | |
| Flow | 1. User looks for supplier’s catalog  2. User opens catalog (there may be several catalogs for purchase and production)  3. User views catalog  4. User views product details  5. User adds product to cart  6. User chooses the amount of product  7. User chooses the colors of product  8. User chooses the sizes of product | | |
| Alternative Flow |  | | |
| Business Rules | BR1 - Catalogs must be up-to-date  BR2 - Each product must have approximate lead-time | | |
| Integration Requirements | IR1 - Purchase catalogs should be integrated with suppliers warehouse systems | | |

| ID | UC2 | Name | Upload order task |
| --- | --- | --- | --- |
| Created at | 06.06.2022 | Updated at |  |
| Summary | User uploads the Excel /CSV export from computer or chooses table from Sales department service or Inventory department service | | |
| Actor | Sales department manager  Sales department worker  Product inventory department manager  Product inventory department worker | | |
| Preconditions | 1. User has access to the platform | | |
| Postconditions | 1. User has uploaded order task  2. Platform converts the exported table in cart list  3. Platform notifies Purchase department manager about new order task | | |
| Flow | 1. User uploads the Excel /CSV export from computer  2. User looks at the exported table  3. User edits the volumes in the table  4. User adds comments to the order task  5. User confirms order task  6. Platform converts the exported table in cart list | | |
| Alternative Flow | 1. User uploads the export from Sales department service or Inventory department service  2. User looks at the exported table  3. User edits the volumes in the table  4. User adds comments to the order task  5. User confirms order task  6. Platform converts the exported table in cart list | | |
| Business Rules |  | | |
| Functional Requirements | FR1 - Platform should notify Purchase department manager when a new order task crated | | |
| Integration Requirements | IR2 - Platform should be integrated with Sales department service  IR3 - Platform should be integrated with Inventory department service | | |

| ID | UC3 | Name | Assign order task to worker |
| --- | --- | --- | --- |
| Created at | 08.06.2022 | Updated at |  |
| Summary | User assignes new order task to purchase demartment worker | | |
| Actor | Purchase department manager | | |
| Preconditions | 1. User has access to the platform  2. Platform notifies user about new order task | | |
| Postconditions | 1. User has assigned order task to purchase worker  2. Platform notifies purchase department worker about new order task | | |
| Flow | 1. User opens new order tasks list  2. User assings order task to purchase worker or to themselves | | |
| Alternative Flow |  | | |
| Business Rules | BR3 - Purchase department manager can see all new order tasks | | |
| Functional Requirements | FR2 - Platform should notify Purchase department worker when new order assigned to them | | |

| ID | UC4 | Name | Create purchase order |
| --- | --- | --- | --- |
| Created at | 08.06.2022 | Updated at |  |
| Summary | User creates a new order using order task | | |
| Actor | Purchase department manager  Purchase department worker | | |
| Preconditions | 1. User has access to the platform  2. Order task has been assigned to user | | |
| Postconditions | 1. User has created new order  2. Order gets status ‘Created’ | | |
| Flow | 1. User opens new order tasks list  2. User opens new order task  3. User edits the volumes in the table  4. User adds products from suppliers catalogs  5. User creates new order | | |
| Alternative Flow |  | | |
| Business Rules | BR3 - Purchase department manager can see all new order tasks  BR4 - Purchase department worker can see new order tasks assigned to them | | |
| Functional Requirements | FR3 - When new order created it gets status ‘Created’ | | |
|  | | | |