**Inventory Management System**

**Use Cases**

UseCase1: Supplier part

This module deals with the procurement and inbound logistics for DD. It handles the data entries associated with each operation such as quality checks, payments, etc.

UseCase2: Distributor part

This module deals with the dispatch and outbound logistics for DD. It handles the operations related to finished goods such as Quality Check, sales data, payments, etc.

UseCase3: Login part

This module handles Authentication (Single Sign On) and Authorization given to the system users. It is responsible to maintain and recover the database which has the supplier, product data, addresses, etc.

Actor Descriptions:

1. System User

This actor has access to the system provided to handle the raw materials and the finished goods. In order to access the system, he has to login to the system and update the details from time to time. He has access to quality reports, payments data, procurement and sales data, etc.

1. Admin

This actor authenticates and authorizes the system users to access the system. His other duties include maintaining the database and recovery of data whenever necessary.

1. Distributor

This actor places an order in the system for the finished goods. Once he makes a payment, the finished goods are dispatched. Once the dispatch is done, distributor is not allowed to change the shipping address.

1. Supplier

This actor delivers raw materials as and when required by DD. For this, he receives an order and payment through DD.