

Stock Maintenance System

1. Intro: The scope and overview of SMS is provided alongside list of features & the desc. of the document
- 1.1 Purpose: The purpose of this document is to give a detailed description of the requirements of SMS software, its constraints & interactions.
- 1.2 Scope: For companies to manage their inventory of products and the authorization and clearance to alter the stock of available products and make orders to suppliers.
- 1.3 Definition, Acronym, Abbreviation:

SMS: Stock Maintenance System

Product: An entity whose stock is managed

Supplier: An entity who provides stock for a product

Permission: A set of privileges for a user

User: A person with certain rights to manage the stock of products

Customer: A person to sell products to

Stock: Availability of a particular product

Constraints

- User is composed of permissions
- Supplier & Customer are generalized External User
- Supplier supplies product to fill stock
- Stock is of many products
- Stock is sold to customers