# Process Diagram

## Diagram

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Process Diagrams give a visual representation, in lineal order, of the interactions between an actor and the system. Separated by swimlanes to show accountability between each connected event, the diagram denotes what needs to be accomplished to progress through each process’s timeline.

We have used a process diagram to clarify every activity occurring in each process and illustrate a logical path for the collection of flows that form our stock control management programme. Our diagram divides the system into several major processes that transpires across multiple pages of the programme:

* **Manage Delivery:**

This process represents the procedure that unfolds when a new shipment of products is supplied and documented into the system. After the transferal of goods between the supplier and the staff member, this diagram highlights each event (carried out in the systems ‘Shipment’ flow) required to update or add new stock information to the database.

* **Check out/Check in Process:**

Both these processes occur within the same concept of a ‘Basket’ flow, sharing the same functionality to append products to a list, however the outcome of each process delivers altered results; either increasing or decreasing the quantity associated to the product within the database whilst creating a log of these activities. Additionally, the ‘Check out’ process composes an invoice ready to be sent to the appropriate body.

* **Manage User:**

This highlights the administrative capabilities the system offers. Access through different actors invoke separate functionalities; admin possess the highest clearance of authorisation, permitting access to additional features.