

#### **4. Requirement Analysis**

##### **Functional Requirements:**

Add & manage product catalog

Record supplier details

Create and track purchase orders

Automate stock updates

Generate reports & dashboards

##### **Non-Functional Requirements:**

Data accuracy

Secure role-based access

Real-time updates

Easy user interface

Salesforce Features Used:

Formula fields (Order Item Amount = Quantity \* Unit Price)

Validation Rules (prevent incorrect dates/values)

Apex Trigger + Handler (auto update total cost)

Record-Triggered Flow (auto delivery date + stock update)

Custom Profiles & Permission Sets