**CONTEXT LEVEL DATA FLOW DIAGRAMS:**

**FIRST LEVEL DATA FLOW DIAGRAMS:**

Supplier

Customer

0.0

**E-Manufacturing ERP system**

Customer

Shopfloor

Supplier

Supplies Raw Material

Book Order Online

Production Order Finished Goods

Dispatch Finished Goods Invoice Online

Purchase Order Online

Product\_master

**Product details**

Sales\_order

Customer

Sales Order Created

Places order online

ORDER DETAILS

3.0

**Sales Order Generation**

Supplier\_master

Customer\_master

Product\_master

Material\_master

Plant\_master

**Master Table Maintenance**

2.0

Supplier

Customer Details

Supplier Details

Product Details

Material Details

Plant Details

Customer information

Supplier information

Product information

Material information

Plant information

Customer

Product

Material

Plant

**Login Process**

1.0

Enters Password

Login information

Customer

User\_master

Purchase Order sent to supplier via e-mail

Purchase\_order

4.0

order’s data

Sales\_order

**Master Production Schedule**

Production order sent to shopfloor for execution

Production\_order

Product\_master

**Product details**

Material\_master

**Bill & material**

Supplier

**Purchase order details**

Shop floor

Supplier Material sent to Quality control for checking

Supplier

5.0

Delivery\_master

**Material Management**

Final product details

Produces Material and sent for final assembly

Shopfloor

Delivery details

Customer

Sales\_order

Booked Order reviewed online by

Sent for

6.0

Customer

Generated product Order viewed by shopfloor

Received Order reviewed online by

Sent for

Purchase\_order

**Report Generation**

Supplier

Sales-Production & Dispatch status reviewed online by

Sent for

Sent for

Shopfloor

Production\_order

Invoice

Management