UNF:

Inventory\_products ((category), product\_sku, product\_name, storage\_location, quantity, supplier)

1NF:

Inventory\_products (product\_sku, product\_name, storage\_location, quantity, supplier)

Product\_category (product\_sku, category)

Partial Dependencies:

Product\_sku -> product\_name

2NF:

Inventory (product\_sku, storage\_location, supplier, quantity)

Product (product\_sku, product\_name)

Product\_category (product\_sku, category)

After considering high-level requirements:

Inventory (product\_sku, storage\_location, quantity)

Product (product\_sku, product\_name)

Product\_category (product\_sku, category)

Inbound (reference, date\_received, product\_sku, quantity, supplier, location, remarks)

Outbound (reference, date\_shipped, product\_sku, quantity, location, destination, remarks)