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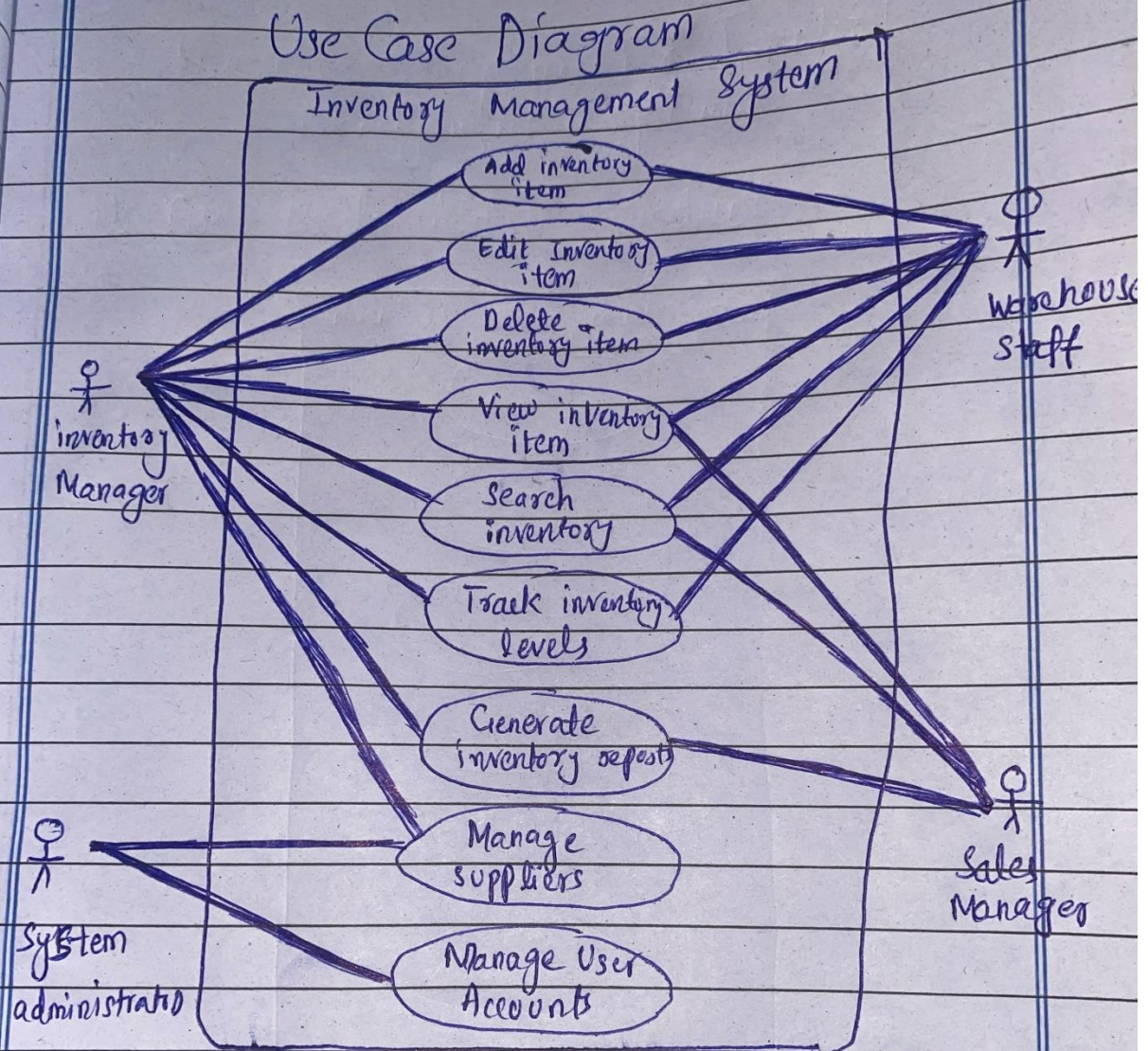
**REG #:FA22-BSE-074**

**NOTE:THE FOLLOWING DIAGRAMS ARE MADE ON USE CASE :ADD A PRODUCT**

**USE CASE DIAGRAM:**

**ON NEXT PAGE BECAUSE OF FORMAT**

DATE: \_\_\_/\_\_\_/\_\_\_



Use Case Used  
:- Add a product.

## **2. Fully Dressed Use Case: Add New Product**

**Use Case Name:** Add New Product

**Primary Actor:** Inventory Staff

**Stakeholders and Interests:**

- **Inventory Staff:** Wants to register new products efficiently.
- **Store Manager:** Wants accurate and up-to-date product listings.

**Preconditions:** User must be logged into the system.

**Postconditions:** Product details are saved in the system database.

**Main Success Scenario:**

1. Inventory Staff selects "Add New Product".
2. System prompts for product details.
3. Inventory Staff enters product name, category, quantity, supplier, and price.
4. System validates the data.
5. System saves product in the database.
6. Confirmation is displayed.

**Extensions:**

- 3a. If fields are missing -> System prompts to complete required fields.
- 4a. If data is invalid -> System displays error message.

**Frequency of Use:** Multiple times a day



### 3-SYSTEM SEQUENCE DIAGRAM :

System Sequence Diagram:

Use-Case :- "Add new Product."

Actors :- Inventory Staff

Diagram:-

