

Eng. Jose Hidalgo
Bryan Gudino
Hidalgo Mikael
Loza Steven

INTEGRANTS :

AGROPETCENTER



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WHAT IS OUR CLIENT'S BUSINESS ABOUT?

This business is a Pet Shop located in Cumbayá that sells food, toys, and accessories for pets such as dogs and cats. Since its opening in 2025, the store has faced difficulties due to manual inventory and pricing control, which has caused errors in stock management and profit calculations. To solve this, the company plans to implement a computerized system that records product entries and sales, automatically applies discounts and VAT, and generates updated reports on inventory value and profitability. This system will improve efficiency, reduce human error, and support better decision-making. The growing market in Cumbayá shows an increasing demand for high-quality pet products, highlighting the importance of automation and accurate price control from the start of operations.



P R O B L E M

- We need a system that allows us to control the inventory and sales prices in a Pet Shop, since imbalances in profits and differences in product entry and exit records have been detected.
- To understand what the program needs to do, you first need to understand a little about inventory management, updating prices, and applying discounts and taxes. \.

PROBLEM SOLUTION

To address the current issues with manual inventory and pricing control, the Pet Shop should develop and implement a computerized inventory management system. This system will record all product entries and exits in real time, automatically calculate final prices with discounts and VAT, and generate detailed reports on stock levels and profits. The program should include modules for product registration, sales management, and automatic price updates. Employees will be trained to use the system effectively, ensuring accurate data entry and improved operational efficiency. By digitalizing the inventory and pricing processes, the Pet Shop will reduce human errors, maintain better control of its stock, and achieve greater profitability and transparency in daily operations.

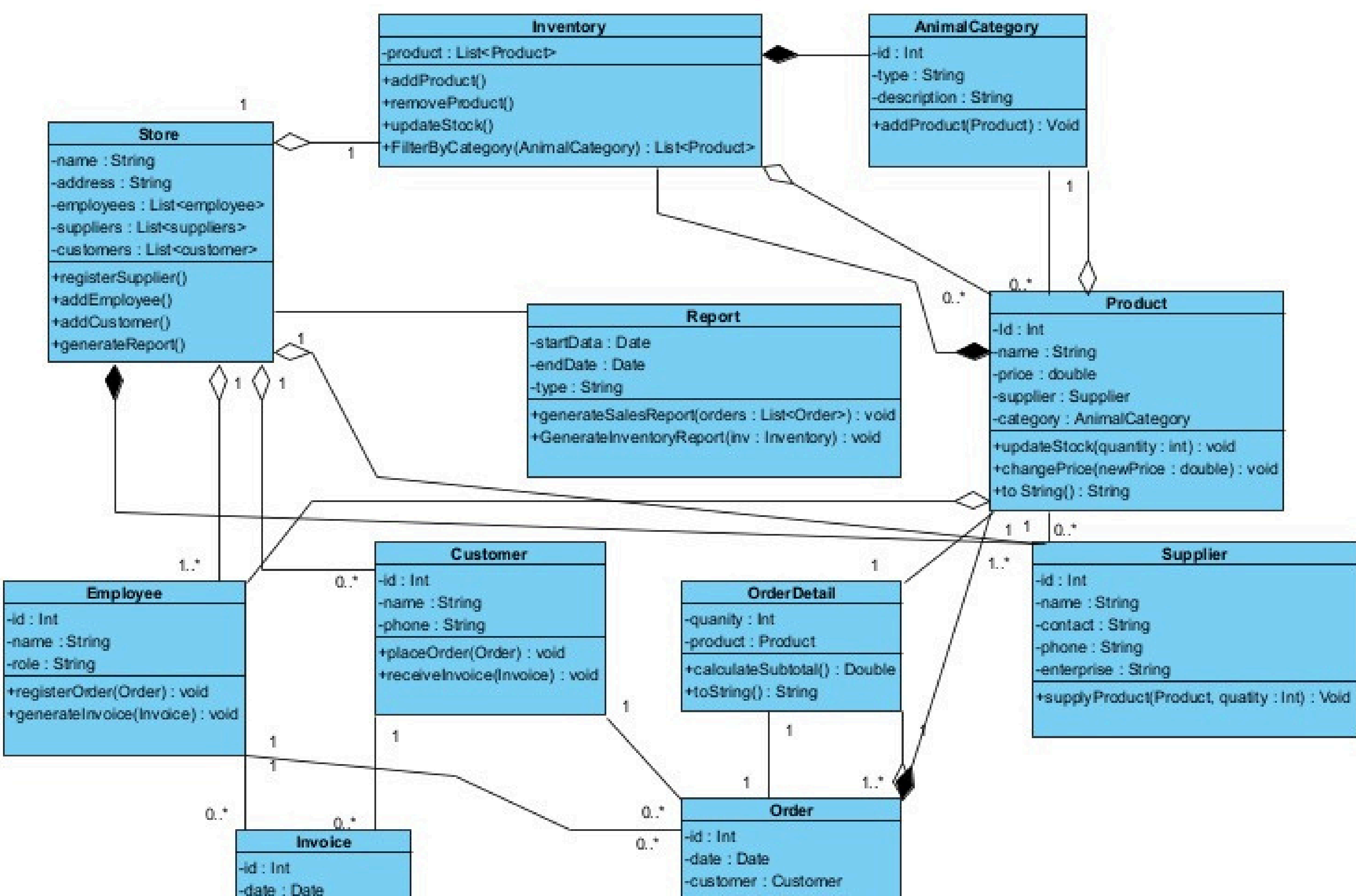


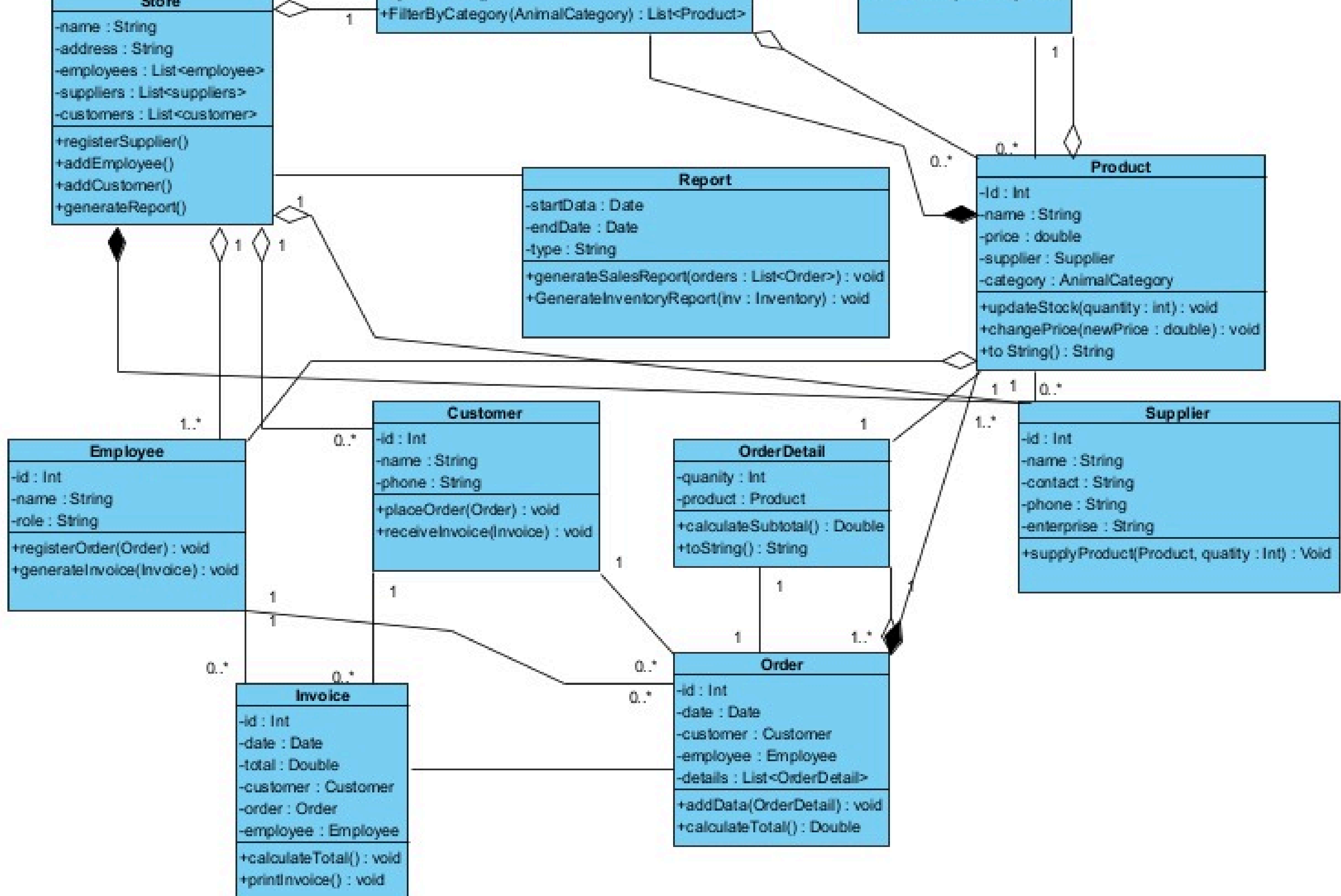


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UML:///DIAGRAM







**THANK YOU SO
MUCH**

Fecha: Octubre 2030