Online Store

GRUPPA

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Problem Statement and Scope

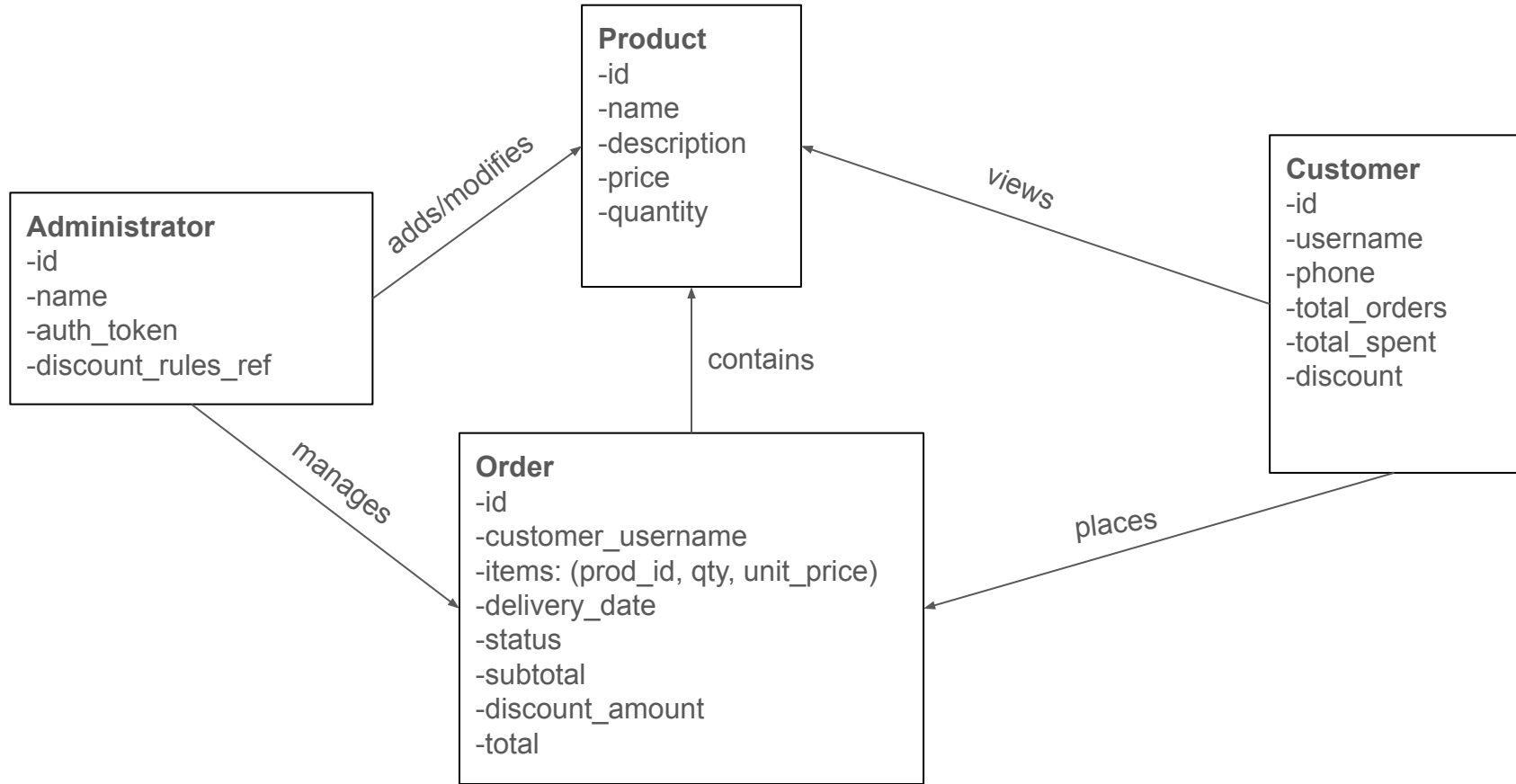# User Stories with Acceptance Criteria Examples

3 customer scenarios

2 system administrator scenarios

Overview of CRC Cards

1. Product
2. Customer
3. Order
4. Administrator
5. Delivery

Conceptual Simple Class Diagram

Product
-id
-name
-description
-price
-quantity

Administrator
-id
-name
-auth_token
-discount_rules_ref

adds/modifies

views

Customer
-id
-username
-phone
-total_orders
-total_spent
-discount

manages

contains

Order
-id
-customer_username
-items: (prod_id, qty, unit_price)
-delivery_date
-status
-subtotal
-discount_amount
-total

places

Traceability Table

User Story	CRC Responsibility	Diagram Element	C++ Element
Administrator adds product	Administrator: add product	Administrator - Product	`Administrator::addProduct( name; description; price; quantity)`
Customer views product	Customer: view product	Customer - Product	`Customer::viewProducts(name; description; price)`
Customer places an order	Customer: place order	Customer - Order	`Customer::placeOrder( customer_username; delivery_date; product_ids)`
Customer is notified if products is out if stock	Order: notify	Order - Customer	`Order::notify(id, product_id)`
Admin edits customer discount eligibility	Admin: change discount	Admin - Customer	`Admin::editDiscount(customer_username; discount)`