Example: Noun Extraction

Consider our online buying use case text

# Use Case Text: Buy a Product Online

1. Customer browses through catalog and selects items to buy.
2. Customer goes to checkout.
3. Customer fills out shipping information.
4. System presents full pricing information, including shipping information.
5. Customer fills in credit card information.
6. System authorizes purchase.
7. System confirms sale immediately.
8. System sends confirming email to customer.

**Here:** common noun, doing verb, adjective phrase

Now we can extract the entities we are interested in.

**Common noun ≈ class:**

Customer

Catalog

Item

System ≈ Checkout

Purchase

Sale

Here we also have to decide where to place the attributes, due to step 4 in the use case text we decide to make the attributes part of the system.

**Adjective phrase ≈ attribute:**

Shipping info

Pricing info

Credit card info

Confirming email