



## **The Product class :Concept of product instance**

### **Moodle Integrated Shop : Structural elements**

#### **Introduction**

When a purchase is made on the platform, certain products are constructed by creating data, rights, or Moodle “business objects”. This data can present a certain life cycle on which the customer can act.

The product instance record is data used to bind the data put in place in Moodle as a consequence of purchase with purchase identification (as well as its parameters). It contains additional data for managing the life cycle (as defined by the sales policy chosen for the product).

#### **Example : A single enrolment in a course**

Let's take the simple case of a buyer/learner who purchases an enrolment in a course on office information systems for their own personal benefit. The course can be accessed for a maximum period of 4 months.

A product instance will be created on behalf of the user, referencing:

- The billing item that generated its creation
- The catalogue entry giving the type of product
- The last billing item concerning this product (in case of renewal for example)
- The user enrolment instance in the mdl\_user\_enrolments table representing their enrolment
- A customer account reference
- An image of production data when the product is implemented

#### **End of life for a product instance**

A product instance record is never deleted from the Moodle shop.

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