

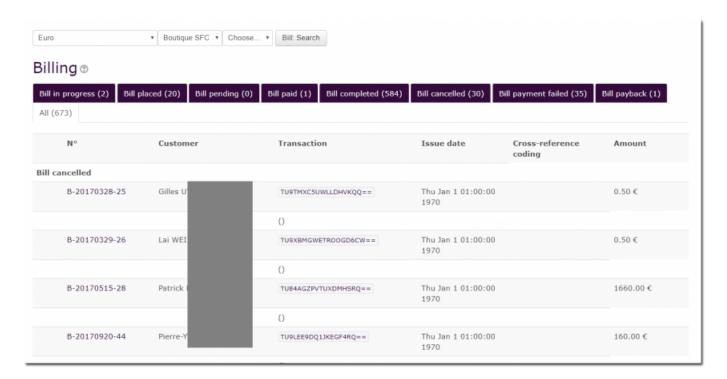
# The Bill class: Concept of order and bill statuses

# **Moodle Integrated Shop: Structural elements**

# Introduction

## The bill is an object that groups all the constituent parts of :

- A purchase order, as long as payment has not taken place.
- A pro forma bill, as long as no cross-reference coding has taken place.
- A bill, once cross-reference coding has taken place.



# Orders and bills in life cycle

Orders and bills have a life cycle that is determined by a status and a transition engine.

### Possible statuses include:

## **IN PROGRESS:**

When a back-office operator manually creates an order, it takes the In progress status.

## **PLACED:**

Orders transmitted by online customers are placed for payment but not confirmed.

### **PENDIND:**

Orders have been confirmed by the customer but payment used is offline or is delayed for an asynchronous response. Offline payments must be handled manually by a back-office operator.

#### PAID:

Bill has been paid in full because an online immediate method of payment was used or because it was marked as such by a back-office operator after physical payment was received.

### **COMPLETED:**

Order has been paid and completed (by any method, whether automatically by enabling handlers or manually shipped and sent to customer in case of physical goods.

### **CANCELLED:**

Back-office operators can cancel orders that have not yet been officially entered into accounting.

### **FAILED:**

These bills mark a failed online payment process. There are many different reasons for a negative response from the payment interface, such as a customer typing in the wrong bank code, a bank server momentarily too busy to respond, the bank declines payment, etc.

## **PAYBACK:**

Orders abusively billed or orders for which a customer can return their purchase, might be marked as payback orders to the benefit of the customer.

# ALL:

List of all bills, regardless of their status.

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