

## Informationssysteme I, Übung U7

### Step 1: Create Supplier

What happens?

A new supplier with all necessary information for communication establishment is created in the system.

What data is necessary for the process?

There is no required input data.

What data is created or changed during the process?

The process creates a new supplier with information about how to contact (address, telephone, email, etc.). It is also possible to store a language, which is especially for international suppliers very important. Addresses are stored in extra objects, to allow multiple addresses for a supplier, and are also created during this process.

### Step 2: Create Material

What happens?

A new material is created in the system.

What data is necessary for the process?

There is no required input data.

What data is created or changed during the process?

The process creates a new material with name and optionally a type, e.g. trading goods.

### Step 3: Create Purchase Requisition

What happens?

A new purchase requisition is created in the system.

What data is necessary for the process?

All materials that need to be referenced must exist.

What data is created or changed during the process?

The process creates a new purchase requisition that contains several positions. Each position is a count in a specific unit of a specific material. Those positions are also created during this process.

### Step 4: Create Request

What happens?

A new request is created in the system.

What data is necessary for the process?

A request is based on a purchase requisition.

What data is created or changed during the process?

The process creates a new request with date of the request and a deadline.

### Step 5: Create Offer from Supplier

What happens?

A new offer is created in the system.

What data is necessary for the process?

An offer is based on a request and needs a supplier.

What data is created or changed during the process?

The process creates a new offer, that references a request and a supplier. It can contain of several price information that define a unit price for a specific position of a purchase requisition. Those price information are also created during this process.

## UML-Klassendiagramm

