Analysis Class

iProc System

FR1

The iProc system must allow authorized buyers to create a new **vendor**. Each vendor has a unique *vendor identification number, vendor name (this is a company name), corporate address (street, city, zip code, country) where the purchase order is sent, contact person (first name and last name), phone number and email address of the contact person.*

Vendor
Vendor ID Vendor Name street address city state zip code country rep first name rep last name rep email address rep phone comments

FR2

The iProc system must allow authorized buyers to <u>create a new item in the item master</u>. Each item contains a unique item number, description, minimum order quantity, purchase price, effective date, and preferred vendor.
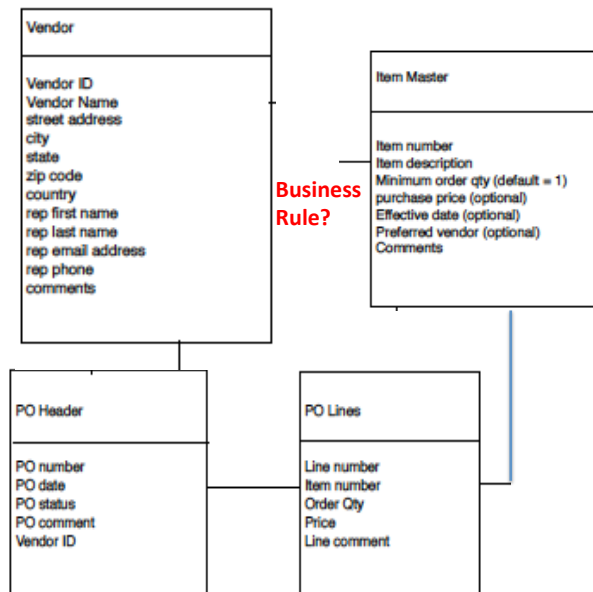
Item Master

Item number
Item description
Minimum order qty (default = 1)
purchase price (optional)
Effective date (optional)
Preferred vendor (optional)
Comments

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FR3

The iProc system must allow authorized buyers to <u>create a new PO</u> to buy one or more items from a preferred vendor. Each (PO Line) item contains a unique item number, description, minimum order quantity, purchase price, effective date, and preferred vendor.

Vendor

Vendor ID
Vendor Name
street address
city
state
zip code
country
rep first name
rep last name
rep email address
rep phone
comments

Item Master

Item number
Item description
Minimum order qty (default = 1)
purchase price (optional)
Effective date (optional)
Preferred vendor (optional)
Comments

Business Rule?

PO Header

PO number
PO date
PO status
PO comment
Vendor ID

PO Lines

Line number
Item number
Order Qty
Price
Line comment

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Business Rule

1. When we purchase an item from a vendor, we use the price the vendor has given us, if it is available. Otherwise, we enter the price.

2. What does this mean to our Business Analysis class?

3. Note that all of the business objects we found so far are considered **persistent business objects**.

Business Rule

- When we purchase an item from a vendor, we use the price the vendor has given us, if it is available. Otherwise, we enter the price.

- **Example:** A buyer creates a PO for Vendor A. Line 1, the buyer chooses Item-X from the Item Master. Our application needs to look in Item-Vendor-Price by the item number that the buyer selected and the vendor ID from the PO header. If the application finds a price for that Item & Vendor, it displays that price. Otherwise, the buyer must be able to enter a price for line 1, Item-X.

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