

For this in-class activity, please discuss with 2-4 partners to accomplish the following tasks.

Review the functional requirements listed below and identify the following components:

- Use case(s)
- Boundary object(s)
- Business object(s)

For each business object, indicate all properties/attributes for that object.

If you find multiple occurrences of the same business object, you do not need to re-list the attributes for that object. Simply indicate the object name, follow by "For attributes, refer to requirement #\_\_." Fill the blank with the requirement number from which the object was first identified and where you listed its attributes.

No.	Functional Requirement Statement
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.
FR2	The iProc system must allow authorized buyers to create a new item in the item master. Each item contains a unique item number, description, minimum order quantity, purchase price, effective date, and preferred vendor.
FR3	The iProc system must allow authorized buyers to create a new PO to buy one or more items from a preferred vendor. Each item contains a unique item number, description, minimum order quantity, purchase price, effective date, and preferred vendor.
FR4	The iProc system must allow authorized buyers and managers to approve a PO. A buyer is authorized to approve a purchase order with an amount less than \$5,000.00. If the total purchase order amount is \$5,000.00 or more, only authorized managers may approve. After approved, the system must update the PO status to "Approved," record the approver's name, and date and time of approval. The system must also notify the buyer via email.
FR5	The iProc system must allow authorized buyers to submit one or more "approved" POs to associated vendors. After the submission, the status of the PO is changed to "Submitted to Vendor" and the system must notify the buyers (via email) that the orders have been submitted. In addition, the AP and IM systems must be notified of the submitted purchase orders.