

Review the case study for the **iProc System** posted under the **Case Studies** folder on Blackboard.

With 2-4 partners, identify and write (by hand or type) complete functional and non-functional requirements for the **iProc** system (posted on Blackboard.) You may organize your analysis using the following format.

We will discuss the results in class.

	Functional Requirements
Req. #	Complete Statements
FR1	Function requirement statement #1
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.	.
	Non-Functional Requirement
NF1	Non-Functional requirement statement #1
.	.

KEY

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 update an existing vendor.
FR3	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.
FR4	The iProc system must allow authorized buyers to update an existing item in the item master.
FR5	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.

FR6	The iProc system must allow authorized buyers to update a previously created PO that has not been approved.
FR7	The iProc system must allow authorized buyers to submit a previously created PO for approval.
FR8	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.
FR9	The iProc system must allow authorized buyers to submit one or more "approved" POs to associated vendors. After the submission, 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.
FR10	The iProc system must allow authorized buyers to run a PO status report. The buyers must be able to specify a date range (such as from September 11, 2017 to September 15, 2017).
Non-Functional Requirements	
NF1	The iProc System can be accessed by authorized employees, who have login ids and passwords.
NF2	The iProc System must be available 24 hours per day, seven days per week.
NF3	The iProc System must be able to interface with our Inventory Management (IM), Warehouse Management (WM) and Accounts Payable (AP) Systems.