

Ana Maria Pascual
iamanamaria.pascual@gmail.com

Ericson Billedo
ericson.billedo@upou.edu.ph

Feature Set

Simplified Inventory System

Features by Functional Area

- User Account Management
 - [F-00](#) Login to system
 - [F-01](#) Register a user account
 - F-02 Reset password
 - F-03 Edit user profile
 - F-04 View list of users
 - F-05 Delete user profile
- Stocks Managements
 - [F-10](#) Request Stocks
 - [F-11](#) Authorize Request
 - [F-12](#) Issue Stocks
 - [F-13](#) Receive Stocks
 - [F-14](#) Search Stocks
 - [F-15](#) View Item History
- Item Management
 - [F-06](#) Add Item
 - [F-07](#) View Items
 - [F-08](#) Edit Item
 - F-09 Request for New Item

F-00: Login to system	
Priority	Essential
Effort	Days
Risk	Safe
Functional Areas	User Account Management
Use case(s)	UC-00

Descriptions	This allows users to use the system. It will require a registered username and password. Access to the system will be granted once the user supply a match username and password combo.
Notes and Questions	

F-01: Register a user account

Priority	Essential
Effort	Days
Risk	Safe
Functional Areas	User Account Management
Use case(s)	UC-01
Descriptions	Anyone may register to the system. This feature will require one to type in a password and a valid email which will be used as their username. Once registered, a user may now be able to login and update their profile from within the system.
Notes and Questions	

F-02: Reset password

Priority	Essential
Effort	Days
Risk	Safe
Functional Areas	User Account Management
Use case(s)	UC-02
Descriptions	Reset password provides a mean to change user's password. It will require the user the supply first its password that he currently used then the new password.
Notes and Questions	

F-03: Edit user profile

Priority	Essential
Effort	Days
Risk	Safe

Functional Areas	User Account Management
Use case(s)	UC-03
Descriptions	Allows user to edit their profile. This feature will allow users to make corrections or changes to their user details. This will be accessible upon successful login.
Notes and Questions	

F-04: View list of users	
Priority	Essential
Effort	Days
Risk	Safe
Functional Areas	User Account Management
Use case(s)	UC-04
Descriptions	The “master admin” will be able to see the list of all registered users. The list should display users’ names, usernames and their current system role.
Notes and Questions	

F-05: Delete user profile

Priority	Essential
Effort	Days
Risk	Safe
Functional Areas	User Account Management
Use case(s)	UC-05
Descriptions	The “master admin” will be able to “delete” users from the system. Deleting a user will retain their transaction history it is required to produce a valid and accurate inventory statistics and reports.
Notes and Questions	

F-06: Add Item

Priority	Essential
Effort	Days
Risk	Safe
Functional Areas	Item Management
Use case(s)	UC-06
Descriptions	<p>The site’s “Store Managers” will able to add new items to the inventory. He should provide relevant detail on the item.</p> <p>Precise Details:</p> <ul style="list-style-type: none">• The item number must follow the format: 2 letter department code - 2 letter code for either consumable or non-consumable - 4-digit number. Example, a non-consumable item for Electronics department would have an item number of: <i>EL-NC-1001</i>• An error would be generated when an item number already exist.• Once an item has been successfully added (“enrolled”), it will be automatically set to a stock balance and available balance of zero.• The location where the item will be stored follows the format: Zone Section Shelf Number. Example for an item to store in zone A (Electronics store room), first section in the room (AA) and 3rd row from the bottom shelf would be: <i>AAA03</i>
Notes and Questions	

F-07: View Items

Priority	Essential
-----------------	-----------

Effort	Days
Risk	Safe
Functional Areas	Item Management
Use case(s)	UC-07
Descriptions	This feature allows all users to view items. It displays the items in a table with relevant information like location where the item could be found, item description, supplier etc.
Notes and Questions	

F-08: Edit Item	
Priority	Essential
Effort	Days
Risk	Safe
Functional Areas	Item Management
Use case(s)	UC-07 , UC-08
Descriptions	<p>This allows “store managers” to modify an item detail. Except for the item number, some details could have a duplicate on other item/s.</p> <p>Precise Details:</p> <ul style="list-style-type: none"> • Error would be generated if the edited item number already exist in the database. • Restrictions applied when adding an item also applies here.
Notes and Questions	

F-09: Request for New Item

Priority	Essential
Effort	Days
Risk	Safe
Functional Areas	Item Management
Use case(s)	UC-09
Descriptions	<p>This allows all users to request for an item currently not in the inventory.</p> <p>Precise Details:</p> <ul style="list-style-type: none">• The requesting user must specify the item details like name and description as well as the quantity they require.• The request will appear to the department head which will in turn either signify that the request is approved or denied.• Once approve the request would be notified through its “My Requisition” table the status of its request.
Notes and Questions	

F-10: Request Stocks

Priority	Essential
Effort	Days
Risk	Safe
Functional Areas	Stocks Managements
Use case(s)	UC-10
Descriptions	<p>This allows all users to request stocks. This transaction will bear a status of “Pending” which a “department head” will be able to change to either “Granted” or “Denied”.</p> <p>Once a transaction has been set to “Granted”, the corresponding item’s available balance is subtracted by the quantity requested. This will reserve the stocks for the requesting user so that by the time he will collect his requested stocks from the “store manager” in the store room, it will surely be available.</p> <p>The user will be able to:</p> <ul style="list-style-type: none">• search for stocks he would like to request• View available balance• Add a reason for his request• Choose department head that will grant his request
Notes and Questions	The issuing of stocks will complete this transaction.

F-11: Authorize Request	
Priority	Essential
Effort	Days
Risk	Safe
Functional Areas	Stocks Managements
Use case(s)	UC-11
Descriptions	<p>This allows department heads to authorize stocks requests.</p> <p>The HoD will be able to:</p> <ul style="list-style-type: none"> • Grant a request. This will automatically reserve the quantity requested by deducting it from the current available balance. • Deny a request. This will have no effect on the stocks quantity level.
Notes and Questions	The issuing of stocks will complete this transaction.

F-12: Issue Stocks	
Priority	Essential
Effort	Days
Risk	Safe
Functional Areas	Stocks Managements
Use case(s)	UC-12
Descriptions	<p>This allows the “store manager” to make it official the release of stocks to the requesting user.</p> <p>The “store managers” will be able to see a table of requests that have been “Granted” by “department heads”. He can then select a request to “Issue” the stocks to. To complete the process, he should type in his password for verification.</p> <p>An error would be generated on an incorrect password</p>
Notes and Questions	None.

F-13: Receive Stocks	
Priority	Essential
Effort	Days
Risk	Safe

Functional Areas	Stocks Managements
Use case(s)	UC-13
Descriptions	<p>This allows the “store managers” to receive stocks. This will increase the stock balance level of an item or stock.</p> <p>The “store manager” will be able to type in the quantity received and input his password for verification.</p> <p>An error would be generated on an incorrect password or item quantity less than 1.</p>
Notes and Questions	

F-14: Search Stocks

Priority	Essential
Effort	Days
Risk	Safe
Functional Areas	Stocks Managements
Use case(s)	UC-14
Descriptions	<p>This allows all user to search items’ stock balance. This will display a table displaying the items/stocks with its’ corresponding available balance and stock balance.</p> <p>This also allows user to view an item’s transaction history. This will display the dates the stock was added, who received the stocks, who requested for it and who issued it to a requester and other relevant information</p>
Notes and Questions	The item history and item transaction sub-features can also be accessed with the View Item.

F-15: View Item History

Priority	Essential
Effort	Days
Risk	Safe
Functional Areas	Stocks Managements
Use case(s)	UC-15
Descriptions	<p>This can be accessed through Search/View Stocks and View Items. This will display transactions committed on the selected stock/item.</p>

Notes and Questions	
---------------------	--