

USER MANUAL – STORES DEPT

Logic University – Stationery Store Inventory
System

TEAM 8 - MEMBERS

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Team 08
AD Project (SA43)

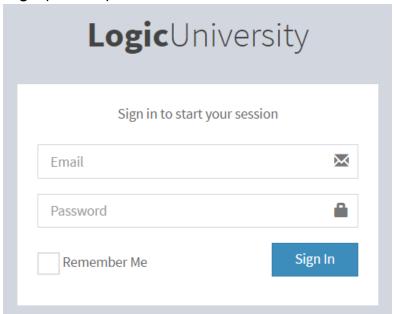
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A. Utility

The utility section documents the generic functions like login and generating report. The details of their functions are provided below:

1. Login (Website)



Item	Description
Username (Email)	Enter your username in email format. An example is
	"finhod@logic-university.edu.sg"
Password	Enter your password. An example is "someword123"
Remember Me (Checkbox)	Check this box if you want the system to save your
	password in the system for future accesses.
Sign In (Button)	Click on this button after you have entered your username
	and password to log in to the Stationery Store Inventory
	System
I forgot my password (Hyperlink)	Click on this hyperlink if you have forgotten your
	password. It will open a new page for you to request a
	new password. The new password will be sent to your
	email account.

2. Login (Mobile)



Item	Description
Username (Email)	Enter your username in email format. An example is
	"finhod@logic-university.edu.sg"
Password	Enter your password. An example is "someword123"
Remember Me (Checkbox)	Check this box if you want the system to save your
	password in the system for future accesses.
LOGIN (Button)	Click on this button after you have entered your username
	and password to log in to the Stationery Store Inventory
	System

B. Store Clerk

There are 3 store clerks working at the stationery store of Logic University. Each of these 3 store clerks has the same role – Store Clerk – in the new system.

The role of store clerk is to monitor stock levels of all stationery items in the stationery store. At designated time, the store clerk is to run process the stationery re-order suggestion generated by the new system into Purchase Orders and email them to respective suppliers for ordering.

When stationery goods are delivered to the stationery store at Logic University, the store clerk is to perform checking, inspection of stationery goods delivered by suppliers and sign off companying delivery orders and invoices of the suppliers. Subsequently, the store clerk is to input the items and quantities received into the new system.

Whenever any stationery items are spotted damaged, missing or found, the stock quantity adjustments are entered into the new system by store clerk to reflect the physical stock quantities kept in the stationery store.

Once a monthly, the store clerk is to conduct a stock take exercise by generating the necessary documents in the new system to conduct physical stock counts and recording of the stock counts into the new system for reconciliation and stock quantity adjustments (if necessary) with store supervisor's/manager's approval (rendered in the system).

1. Dashboard

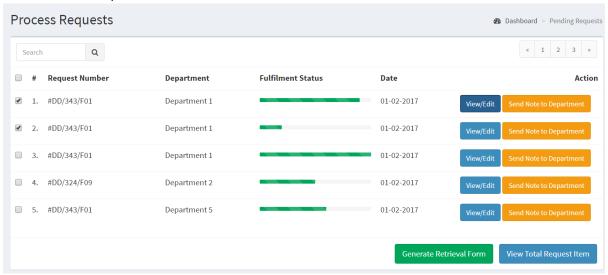


Item	Description
=	Click on this icon to maximise the content view and hide
	part of the side navigation menu.
	This icon indicates how many new messages that you have attended to. Click on this icon to display greater detail and to choose to view all messages.
4	This icon indicates how many new notifications you have. Click on this icon to display greater detail and to choose to view all notifications.

Item	Description
p.*	This icon indicates how many new tasks awaiting the user's processing in the system.
☐ Process Requests Or REQUISITIONS 11	This display will give the user (Clerk) with a quick view on the number of pending requisitions that are yet to be allocated and acted upon by the stores dept.
	The user (Clerk) can access the retrieval function by selecting on this button. It will generate the pending retrievals that are available based on the requisitions that were processed in the previous screen.
Process Disbursement Or DISBURSEMENTS 5 Rectangular Snip	The user (Clerk) is given a visible indication of the number of disbursements that are ready to be delivered to the respective departments. By accessing the page via clicking on the button, the user can then select the requisitions to be delivered.
PURCHASE ORDERS 06	This display provides the user (Clerk) with a quick view of the pending purchase orders. By clicking on the button, the user can place new orders or view the current outstanding orders.
■ Delivery Order	The user (Clerk) can access the receiving of Delivery order function via this button.
Monthly Stock Adjustment Or NEXT STOCK-TAKE 28days	The user (Clerk) is given an indication on the number of days left for the next stock-take in order to prepare for it. In addition to providing a view of the days, the user can access the stock adjustment (monthly) process by clicking on this button.
On-spot Stock Adjustment	The user (Clerk) can submit and commit any ad hoc stock adjustments that may arise on a BAU basis.
Reports Or Y-y-T Regulation Report Deposition to posted 2 Jan. 2023 - 50 Day. 2024 Separation for posted 2 Jan. 2023 - 50 Day. 2024 Separation for posted 2 Jan. 2023 - 50 Day. 2024 Separation for posted 2 Jan. 2023 - 50 Day. 2024 Separation for posted 2 Jan. 2023 - 50 Day. 2024	The user (Clerk) can access a variety of reports by clicking on this button. It also provides a quick overview of the current stationary usage by department level as well as a comparative view of the frequently ordered items against an average order level.

Item	Description
▼0.8% \$134.90 LEAST DEPT USAGE VARIANCE	
\$1.7% \$5,210.43 ALL DEPTS TOTAL USAGE	
\$3% \$8,390.90 TOTAL PURCHASE ORDER VALUE	
\$813.53 HIGHEST DEPT USAGE VARIANCE	
Documentation	
O Contacts	
O Info	

2. Process Requests

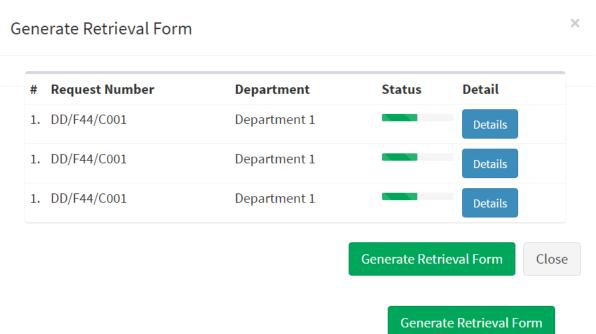


a. First, click on the button to view the detailed requisition form. In this view, the clerk can enter the quantity to be allocated based on the requested quantity and in-stock available quantity.

The display has an intelligent mechanism (algorithm) that is able to auto-allocate items as and when a requisition comes in and based on first-come-first-serve basis. The progress bar adopts a RAG (red, amber & green) approach to indicate the level to which a requisition can be fulfilled, automatically by the system. It does so by taking a total count of the number of items requested and the level of fulfilment of each of these items requested and calculating the degree of variance, which is then tabulated in the form of a percentage and displayed on the progress bar with the respective RAG colour-code.

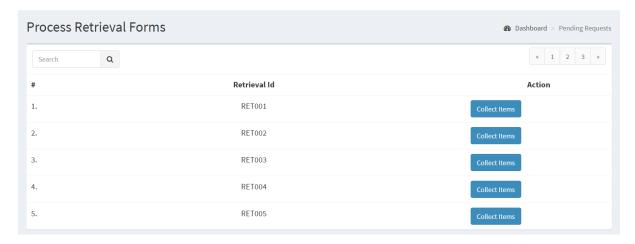
\times Requested Items Category Item ln **Approved Qty** ltem Qty Requested Code Stock Clip 1. C001 Clip 5 Units 0 Double2 2. E001 Envelop Envelop 2 Units 10 Item 3. P001 Pen Pen Item 10 1 Units 4. C001 Clip Clip 5 Units 4 Double1 Save Close

b. Following which, the clerk can select the Requisitions, by checking the _____, to check-out and generate the retrieval form(s). Using the lock-mechanism in Application state, the system creates a cache to temporarily host the current quantity requested of the requisition being processed, so that any subsequent requisition having the same item do not get allocated without proper check-&-balance.



c. To finalise and generate the retrieval form, click on the button. This will result in a retrieval form being generated for the selected requisitions.

3. Process Retrievals



a. The clerk can view the list of retrievals that are awaiting to be processed. The list of uniquely

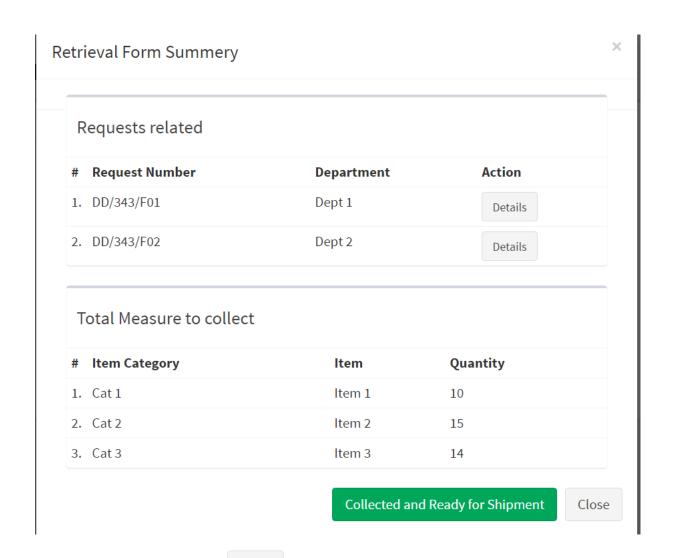
generated Retrieval IDs are generated when the clerk clicks on the button in the previous screen (#2), upon which the system runs an intelligent algorithm that amalgamates all same item(s) that is available among the selected requisition forms and take the count of this basket of the same item while keeping a record of the Requisition ID in which the item(s) was requested.

b. To get a more collective look of the total quantity that needs to be collected for each Item, the

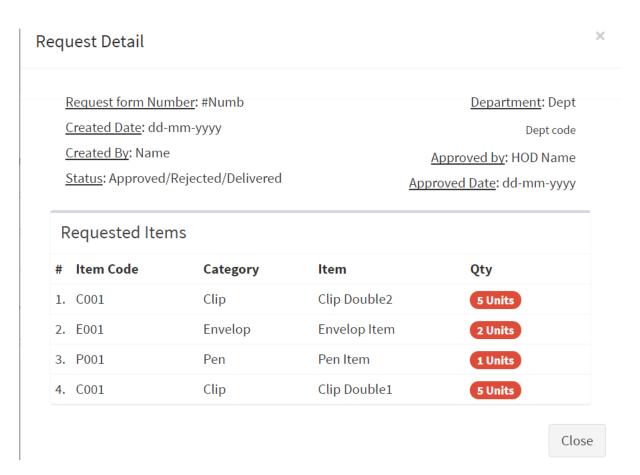
clerk may click on the button, thus generating a summarised view for the selected Retrieval ID, as below. In this view, there are only two Requisitions because the clerk

had selected only two requisitions to process in the previous stage of

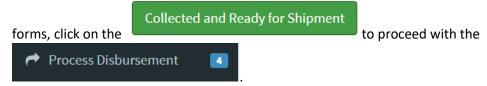
☐ Process Requests



c. The clerk may click on the down view of the requisition items. The following view is displayed when done so:



d. Once the clerk is satisfied with the details of the requisition(s) at an item level, and have collected the basket of stationery to be distributed according to the respective requisition



e. A unique system feature is the generation of a verification key that will be generated once

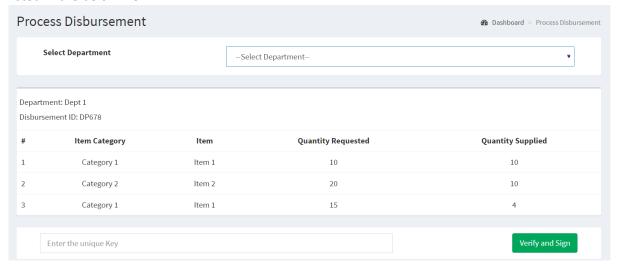
the clerk clicks on the generated key will be sent to the respective department representative via email notification.

4. Process Disbursements

a. To process the disbursement of requisitions, the clerk can select the department which has pending disbursements from a drop-down list, as follows:



b. Upon selecting the department, all the disbursements associated with that department will be listed in the below view:

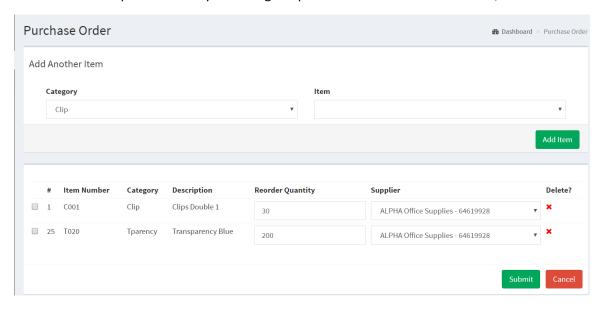


c. The clerk will then deliver the requested stationary to the respective distribution points and the representative will then key in the unique key to confirm receipt of the stationary, as follows:



5. Place Purchase Orders

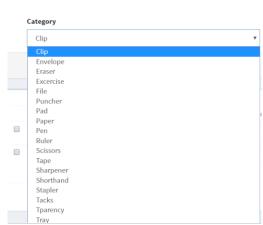
a. The clerk can place orders by accessing the purchase order functional screen, as follows:



b. Using intelisense featured in the system, there will be a ready display of items that are below the 'Reorder Level' as stipulated in the Stock-Card table and the 'Reorder Quantity' is auto filled, as shown below:

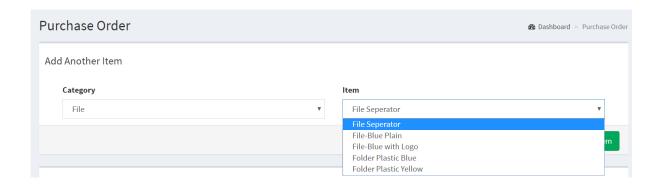


- c. The clerk has the option of amending the reorder quantity, any other amount as deemed necessary based on trends and expected demands for the respective item.
- d. Use the following drop-down to select the Category:

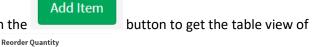


Add Another Item

e. Upon selecting the required category, the items will be populated accordingly, as follows:



f. Once the required item is selected, click on the



Submit

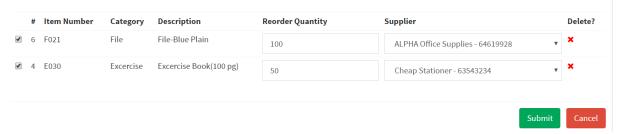
the selected item and enter the required

g. As per the business process understanding, the main Supplier is listed as the default option, but

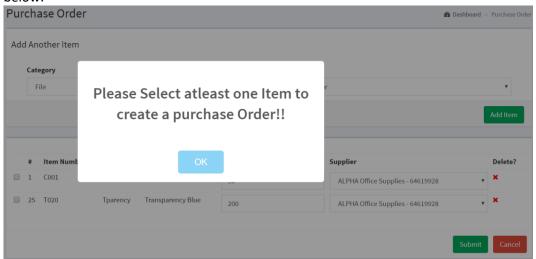


the clerk can select any from the drop-down list,

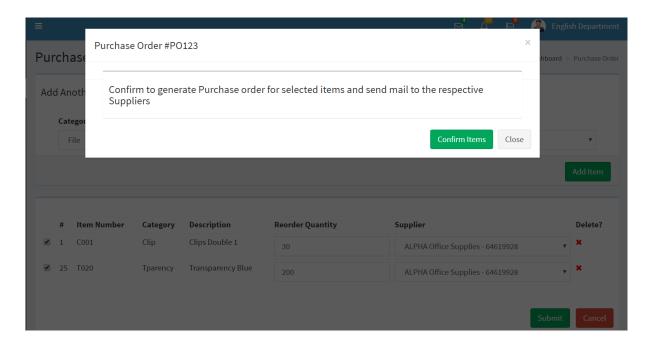
h. The clerk can also make selection of items from different suppliers in one process, and it will generate individual purchase orders based on the supplier(s) selected, as shown bellow:



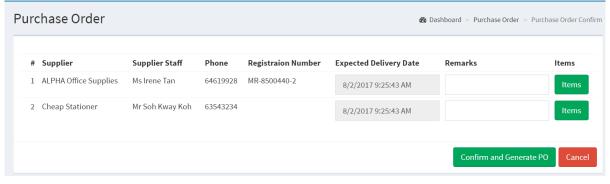
Once satisfied with the current selections, the clerk may proceed to
 doing so, the items to be submitted must be selected, else a message will be displayed, as
 below:



j. Upon submission, the clerk will be given a message as follows:

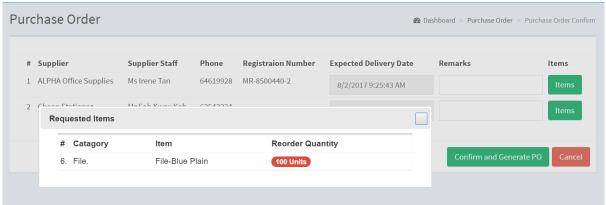


k. Once confirmed, the clerk will be taken to the summary of Purchase Order page, with the following details:



Items

I. The clerk can still view the item detail of the order by clicking on , to get the following:

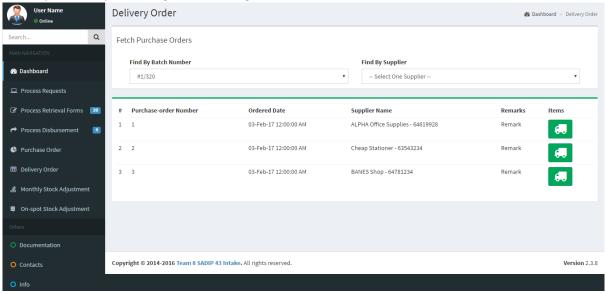


Confirm and Generate PO

m. To proceed, click on

6. Delivery Orders

a. Once the clerk receives an deliver for the Purchase Order, the clerk can view and process the delivery orders by accessing the following functional screen:



b. Here, the clerk has the options of doing a search either by

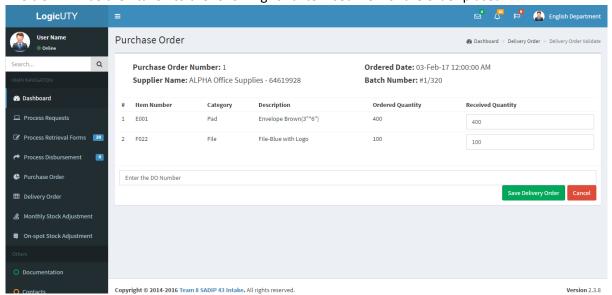


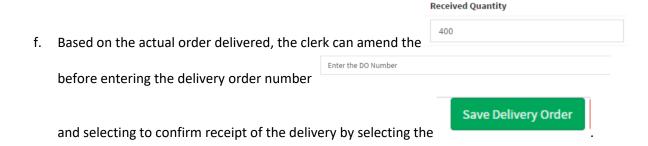
c. Upon which, a table will be generated as per the selection.



Items

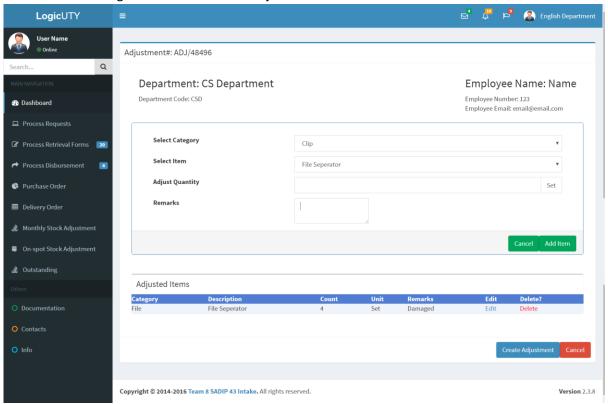
- d. To view the itemised summary of the Purchase Order, the clerk may click the
- e. The clerk will be then taken to the following for a itemised view of the order placed:





7. Stock Adjustments

a. The clerk has the flexibility of doing on-spot stock adjustments for any item that are damaged and returned during the disbursement round or missing during stock-takes. The clerk may access the following view to do the stock-adjustments:



b. Firstly, make the selection of the populate the list of items in that category, and then proceed to

Select Item

File Seperator

Select Item

File Seperator

File Seperator

Select Item

File Seperator

File Seperator

Select Item

File Seperator

File Seperator

File Seperator

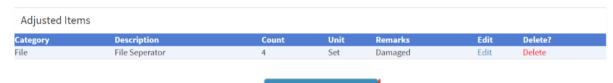
File Seperator

File Seperator

Select Item

File Seperator

c. After which the clerk may proceed to the items to be adjusted, as follows:

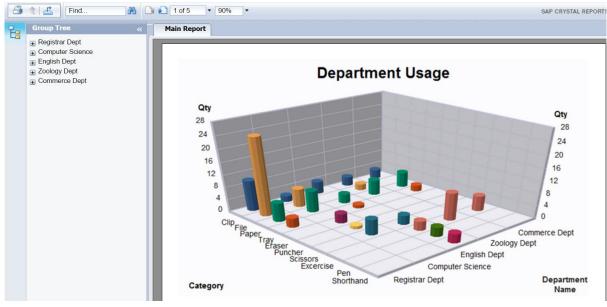


d. Finally, the clerk can click on this button

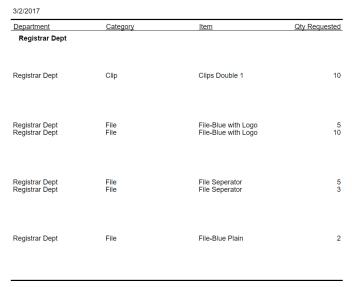
Create Adjustment to create the.

8. Reports

a. The clerk can access the report view by selecting to get the following display:

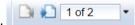


b. Along with a graphical representation, the report will also provide a tabular view, as such:



Page 1 of 5

c. To toggle the pages, the clerk can select on the following,



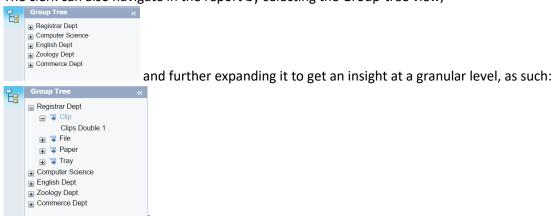
d. Here, the clerk has several query possibilities, based Category and Name

e. To drill into the report, the clerk may click on Commerce Dept and will be taken to the view of the Category, EXERCISE by Commerce Dept, as follows:

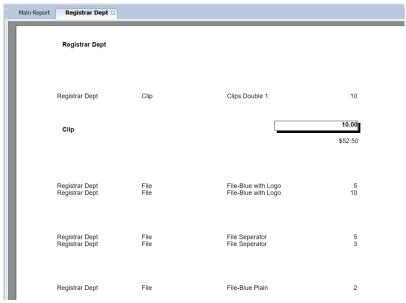
0



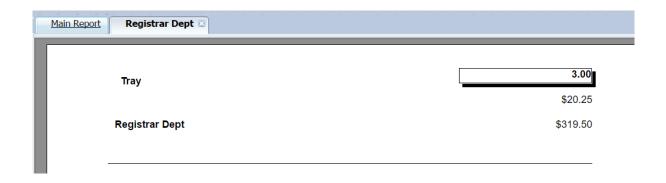
f. The clerk can also navigate in the report by selecting the Group-tree view,



g. Once selected, the report will display all the item usage for the particular department, as shown below:



h. Furthermore, the clerk can also view the total value in dollar, of the requisitions made by the department, as follows:



C. Store Supervisor/Manager

There are 1 store supervisor and 1 store manager managing the stationery store. The role of store supervisor and store manager, in the new system, are to approve all stationery quantity adjustments in the new system.

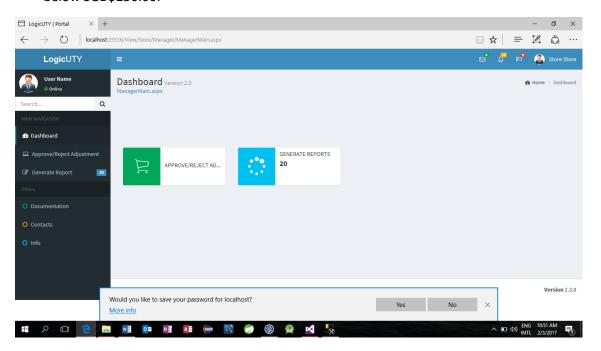
The difference between store supervisor and store manager is approval levels by stationery value. The store supervisor is allowed to approve for any stationery quantity adjustment with per unit value < \$250, while the store manager is allow stock quantity of all stationery items including the per unit value >= \$250.

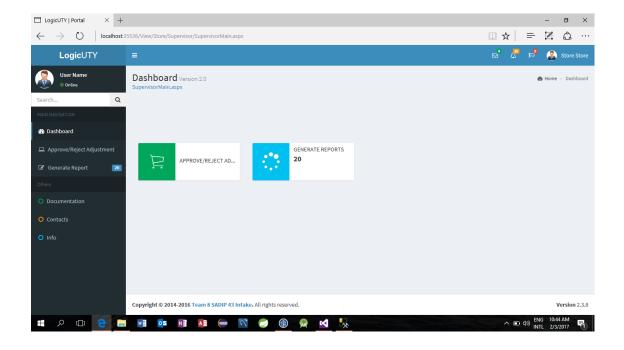
1. Homepage

The dashboard functions will be similar for both the Stores Supervisor and Manager, as shown below:

a. The differing factor is that the Manager view will be able to Stock-Adjustment voucher requests valuing more than SGD\$\$250.00, while the Supervisor for amounts totalling below SGD\$250.00.

APPROVE/REJECT AD



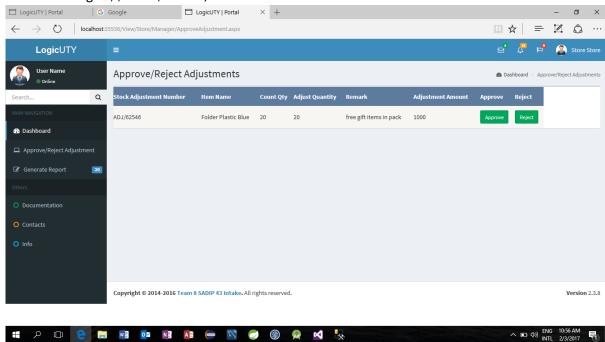


Ë b. On selecting the , the Supervisor/Manager can proceed to make the necessary adjustment(s) for the stocks, accordingly:

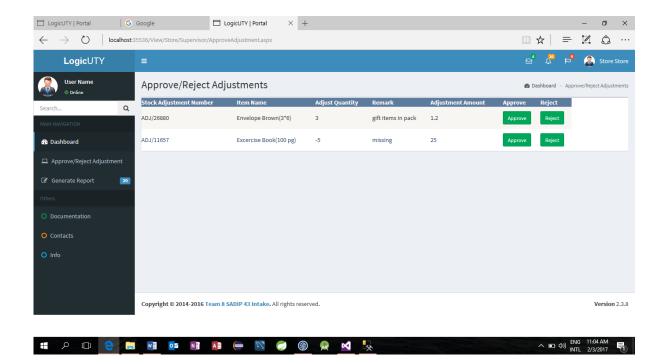
APPROVE/REJECT AD...

2. Approve/Reject Adjustments

a. For the Manager \$\$>\$GD\$250.00, as follows:



b. For the Supervisor, the approval for items \$\$<SGD\$250.00



- c. To proceed, select either the or Reject button.
- d. If is selected, the Stock-Card is updated with the status as 'Approved' and the quantity of the item in question is amended accordingly.
- e. If is selected, the Stock-Card is updated with only the status as 'Rejected', and not quantity update is made.

D. Store Clerk (Mobile Views)

The new system provides 4 mobile view for store clerk to:

- 1. Manage (process) Requisitions
- 2. Generate Disbursement Lists
- 3. Create New Purchase Order
- 4. View Outstanding PO

1. Homepage



Item	Description
OUTSTANDING	Click on this option to invoke and display a screen to view
	outstanding Purchase Orders yet to be delivered by
	suppliers.
REQUISITION	Click on this option to invoke and display a screen to view
	list of approved stationery requisitions awaiting
	processing by store.
PURCHASE ORDER	Click on this option to invoke and display a screen to add
	stationery items with order quantities to a new purchase
	order.
DISBURSEMENT	Click on this option to invoke and display a screen to
	generate disbursement lists of stationery requisitions
	already allocated with quantities.

2. Manage (Process) Requisitions

Android Emulator - Nexus_5X_API_22:5554



- a. By accessing this option, the clerk will get a display of the list of requisitions made at a department level, as shown here,
- b. The clerk can receive an idea by a quick glance at this mobile app option.

3. Generate Disbursement Lists

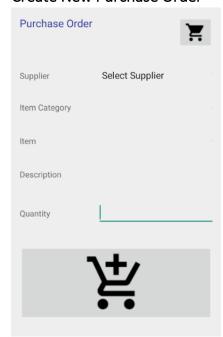
Android Emulator - Nexus_5X_API_22:5554





- a. The clerk can access this option to get an itemized view of requisitions that are already processed but not yet delivered.
- b. By clicking on the individual requisition, the clerk will be provided with the option of entering the quantity that is disbursed as compared to the originally requested quantity by the department.

4. Create New Purchase Order



Item	Description
Supplier	Click on the "Select Supplier" to invoke a drop-down list
	and select a supplier from a drop-down list.
Item Category	Click on the open space on the right of "Item Description"
	to invoke a drop-down list and select an item category
	from the drop-down list.
Item	Click on the open space on the right of "Item" to invoke a
	drop-down list and select an item from the drop-down list.
Description	After an Item is selected, the corresponding item
	description of the selected item will be displayed on
	screen.
Quantity	Enter a quantity to order for the selected item.
革	Click on this shopping cart icon to add the purchasing item
	and quantity into the shopping for generating purchase
	order subsequently.

5. View Outstanding PO

Android Emulator - Nexus_5X_API_22:5554



a. The clerk will be informed via this mobile app option of the pending/outstanding items due to the department based on the requisition(s) made, and displayed as follows:

