
Software Requirements Specification

for

PETAKOM Mart Management System

Version 1.0 Approved

Prepared by

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MAGUIRE MARKET SDN BHD

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Revision History

Name	Date	Reason For Changes	Version

1. Introduction

1.1 Purpose of Document

The purpose of this document is to show the detailed documented requirement specification of the system called PETAKOM Mart Management System. The system will allow the PETAKOM Committee to manage the inventory of PETAKOM Mart at ease. The system will have a registered cashier that is assigned by the admin and PETAKOM Committee to handle the PETAKOM Mart. This document is intended for both client and developers for the future reference. This document is also a proof between the client and developers that they can be used to lay the frameworks of the project and its critical information to multiple teams.

1.2 System Identification

This document uses the following conventions for the PETAKOM Mart Management System (PMMS)

System title	: PETAKOM MART MANAGEMENT SYSTEM
System abbreviation	: PMMS
System identification number	: SRS-MM-PMMS-2022-V1
Use Case identification number	: PMMS-UC-V1
Requirement identification number	: PMMS-REQ-V1
Year	: Years of Development, 2023
Version	: VERSION 1

The format that is used to record PETAKOM Mart Management System (PMMS) is SRS-COM-PMMS-XXXX-VX. MM represents the company's name which is Maguire Market SDN BHD. Then, PMMS stands for PETAKOM Mart Management System where it is also known as the system's name. The "XXXX" is the placeholder to put the year of the system developed and finally the "VX" is to show the version number of the system developed. The format for our use case identification number is PMS-UC-XX. "UC " is referred to as a use case diagram and "XX" is the number of the use case. Finally, the requirement identification number is PMMS-REQ-XX where "REQ" stands for requirement and "XX" is the number of the requirements.

1.3 System Overview

PETAKOM Mart Management System (PMMS) is a web-based system that is developed to manage all the activity or any documentation that is related to Petakom Society in PETAKOM Mart in a systematic way. The users of this system are the FK Students and FK Lecturers that consist of students, lecturers, coordinator, HOSD, Dean and PETAKOM Committee. There are four modules included in this system to ease the management which are Manage Inventory, Manage Vendor, Generate Sale Reports and Manage Schedule.

For the **first module which is the Manage Inventory**, the module is mainly to be used by the Admin and PETAKOM Committee. In this module, the Admin and PETAKOM Committee is adding, updating and removing the inventory levels in the PMMS based on the inventory levels. **For the second module, Manage vendor** which the module user is Admin where the sole user of the module to determine the vendor that allowed to start or open kiosk inside PETAKOM Mart. Admin responsible to add new vendors, update vendors, remove vendors and view selected vendors. All vendor related task control by admin with manage vendor module Next **for the third module which is manage sales**, the module is for PETAKOM mart define daily, weekly, monthly and yearly sales of mart. It is important to identify every sale to know the stability of the financial market. Besides, the managed sales module also can perform the report generated by administrators. The report of mart is important because the report can be an important evidence for PETAKOM mart. **Lastly, the Manage Schedule module**, which allows the Cashier as the person in charge to register their working hour simply by clicking on the time slot. The cashier is able to cancel their option by clicking on the option button. Then, the registered time for the cashier can be viewed by the PETAKOM Committee.

Therefore, the existence of this PETAKOM Mart Management System (PMMS) will aid the PETAKOM Committee in the management of all data and activities corresponding to society. It will make managing the data and activities easier and improve the system's organization, dependability, and effectiveness.

1.4 References

1. *What is vendor management? / Definition & Process.* (n.d.). Taulia.
<https://taulia.com/glossary/what-is-vendor-management/#:~:text=Vendor%20management%20is%20a%20term>
2. *PETAKOM.* (n.d.). Faculty of Computing. Retrieved April 8, 2023, from <https://fk.ump.edu.my/index.php/ms/others/staff-student/petakom>
3. Custom Software Requirements Specification Document - Belitsoft. (n.d.). Retrieved November 27, 2021, from <https://belitsoft.com/custom-application-development-services/software-requirements-specification-document-example-international-standard>
4. Ohnishi, A. (1996, April). Software requirements specification database based on requirements frame model. In *Proceedings of the Second International Conference on Requirements Engineering* (pp. 221-228). IEEE, from [Software requirements specification database based on requirements frame model | IEEE Conference Publication | IEEE Xplore](#)

2. Overall Description

2.1 Product Perspective

Petakom Mart system built for web-based application that used by Petakom committee, cashier and admin to manage the daily activity selling and restocking goods inside PETAKOM Cooperation. Petakom Mart Management System contains modules to manage inventory, manage vendor, manage sales, manage schedule and manage payment. User for Petakom Mart Management System are PETAKOM committee, cashier and admin.

2.2 Product Functions

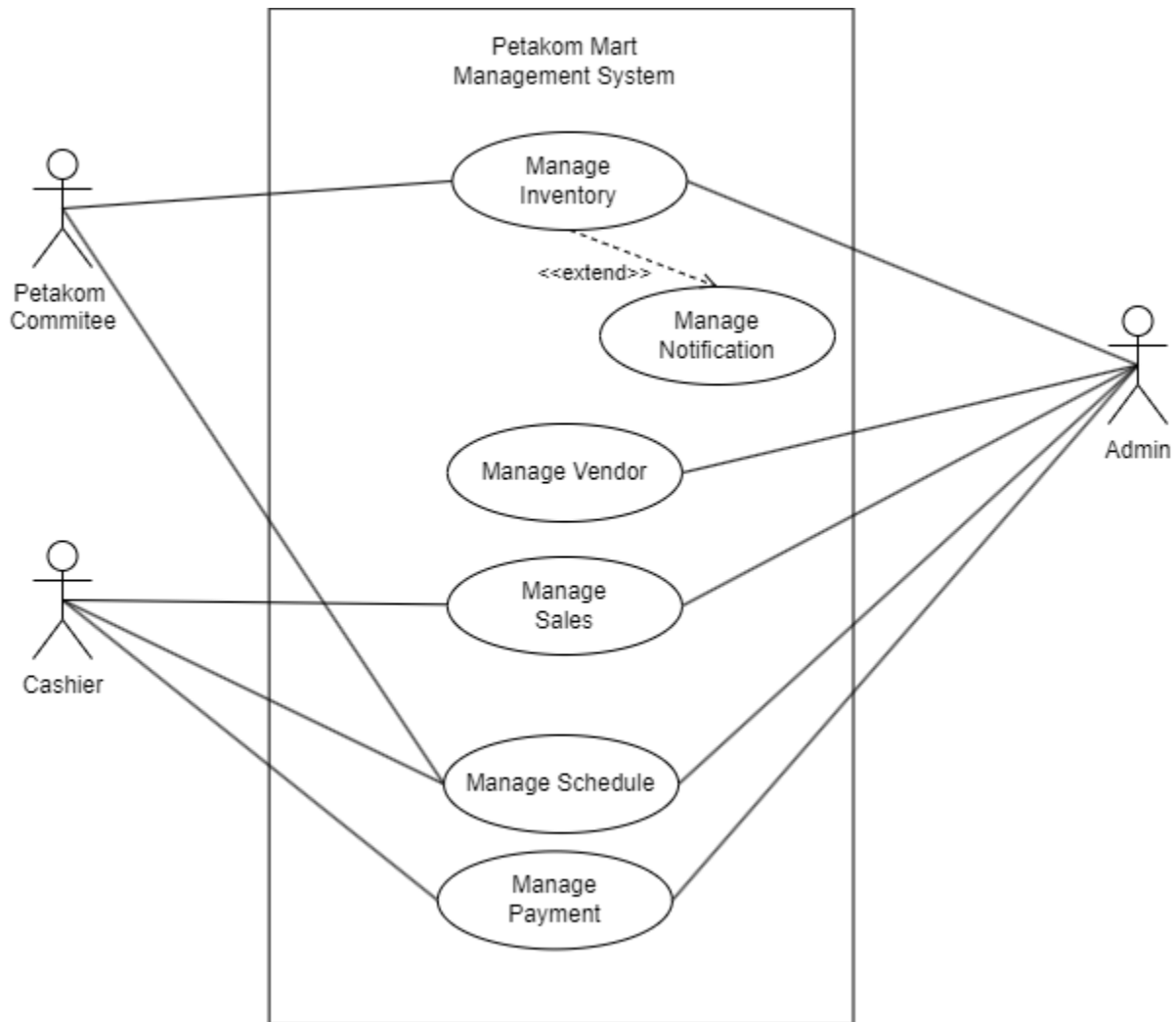


Figure 2.1 Use case of PETAKOM Management System

Figure shows the use case diagram of the PETAKOM Management System. There are five use cases identified, which are:

- i. Manage Inventory
- ii. Manage Vendor
- iii. Manage Sales
- iv. Manage Schedule
- v. Manage Payment

3. Detail Requirements Description

3.1 Software Product Features - Manage Inventory [MUHAMMAD AMMAR BIN MOHD ROSLI (CB20037)]

3.1.1 Description And Priority

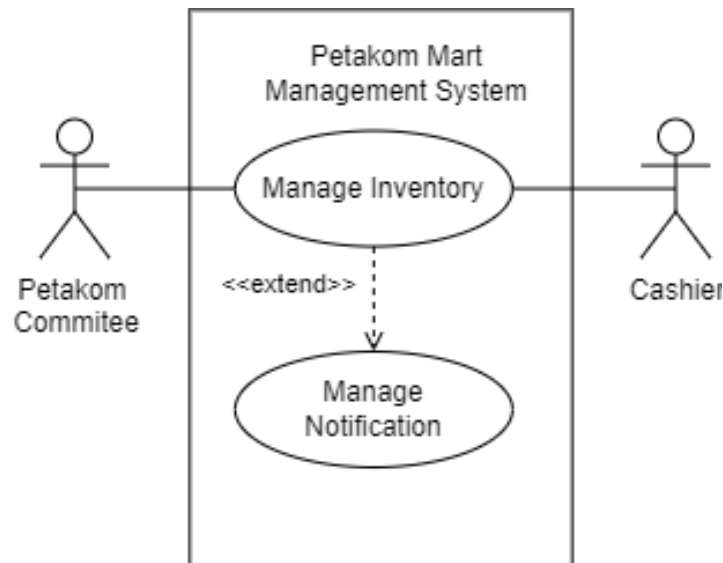


Figure 3.1 Manage Inventory - Use Case Diagram

Table 3.1. Manage Inventory - Use Case Description

Use Case ID	PMMS-UC-100
Use Case Name	Manage inventory
Brief Description	This use case is initiated by the Admin and Committee PETAKOM. In this use case the Committee PETAKOM is updating the stock of the products 3 times a week into the system and the system is adding the stock into the database and sending the notification if the stock is low.
Actor	<ul style="list-style-type: none"> - PETAKOM Committee - Admin
Pre-Conditions	The user which is the Admin or PETAKOM Committee must have logged in into the system.
Main Flow	PETAKOM Committee <ol style="list-style-type: none"> 1. The PETAKOM Committee log in to PETAKOM Mart

system [**PMMS-REQ-101**]

2. The system displays the main menu of the inventory management system, which includes options for adding new products, updating existing products, and checking inventory level.[**PMMS-REQ-102**]
3. The PETAKOM Committee selects a product from the list to view its details, such as its supplier, purchase price, and sales history. [**A1: The inventory level is low**] [**A2: Product discontinued the stock**]
4. The PETAKOM Committee click <<update>> button the inventory based on new stock arrivals and reorder product with low level inventory [**PMMS-REQ-103**]
5. The system calculates the new inventory levels and updates the database. [**E1: Unable to add stock into the database**]
6. The system displays the list of inventory levels, updated inventory and new product in the inventory, sorted by its code.
7. The Use Case Ends.

Admin

1. The admin login to the inventory management system of PETAKOM mart system. [**PMMS-REQ-101**]
2. The system displays the admin dashboard, which includes an overview of all PETAKOM mart and their respective inventory levels. [**PMMS-REQ-102**].
3. If a new product arrives, the admin can add a new product by clicking the "Add Product" button and entering the product details such as name, description, supplier information, and pricing. [**PMMS-REQ-104**]
4. The system adds the new product details and calculates

	<p>the number of inventory into the database.</p> <ol style="list-style-type: none"> 5. If the price changes from the new invoice, The admin can update an existing product by selecting it from the list and clicking the "Update" button, then editing the product details. [A1: The inventory level is low] [A2: Product discontinued the stock] 6. The system updates the inventory level in the database. 7. The system displays the list of inventory levels, updated inventory and new product in the inventory, sorted by its code. 8. The Use Case Ends.
Alternative Flow	<p>[A1: The inventory level is low]</p> <ol style="list-style-type: none"> 1. The system sends a notification after the sales report is generated when the stock level of a certain product falls below a pre-set threshold. [PMMS_REQ_105] 2. The system displays the name of the product, its current inventory level and the recommended quantity to order. 3. The use case continues with step 6 in basic flow. <p>[A2: Product discontinued the stock]</p> <ol style="list-style-type: none"> 1. The system display the unavailable product 2. The PETAKOM Committee clicks the remove button if they want to remove the stock. [PMMS-REQ-106] 3. If the stock is removed, the system will search the product id in the database and delete it from the database. 4. The system display the pop up “The product is removed”
Exception Flow	<p>[E1: Unable to add stock into the database]</p> <ol style="list-style-type: none"> 1. The PETAKOM Committee click the add button after selecting the number of product to add into the system 2. The system calculates the store but is unable to update the database.

	<ol style="list-style-type: none">3. The system displays the error message. [PMMS_REQ_107]
Post-Conditions	<ol style="list-style-type: none">1. The stock of all products in the store are updated in the stock management system.2. The store manager is notified when the stock of a product falls below a pre-set threshold, enabling them to take necessary actions.3. The store manager can generate a purchase order and send it to the supplier through the system.
Rules	<ol style="list-style-type: none">1. Only authorized PETAKOM Committee and Admin are allowed to access the inventory management system of the PETAKOM Mart2. The PETAKOM Committee is not allowed to remove the product if the stock is still available.
Constraints	None
Sequence Diagram	Refer 3.1.2

3.1.2 Sequence Diagram for Manage Inventory

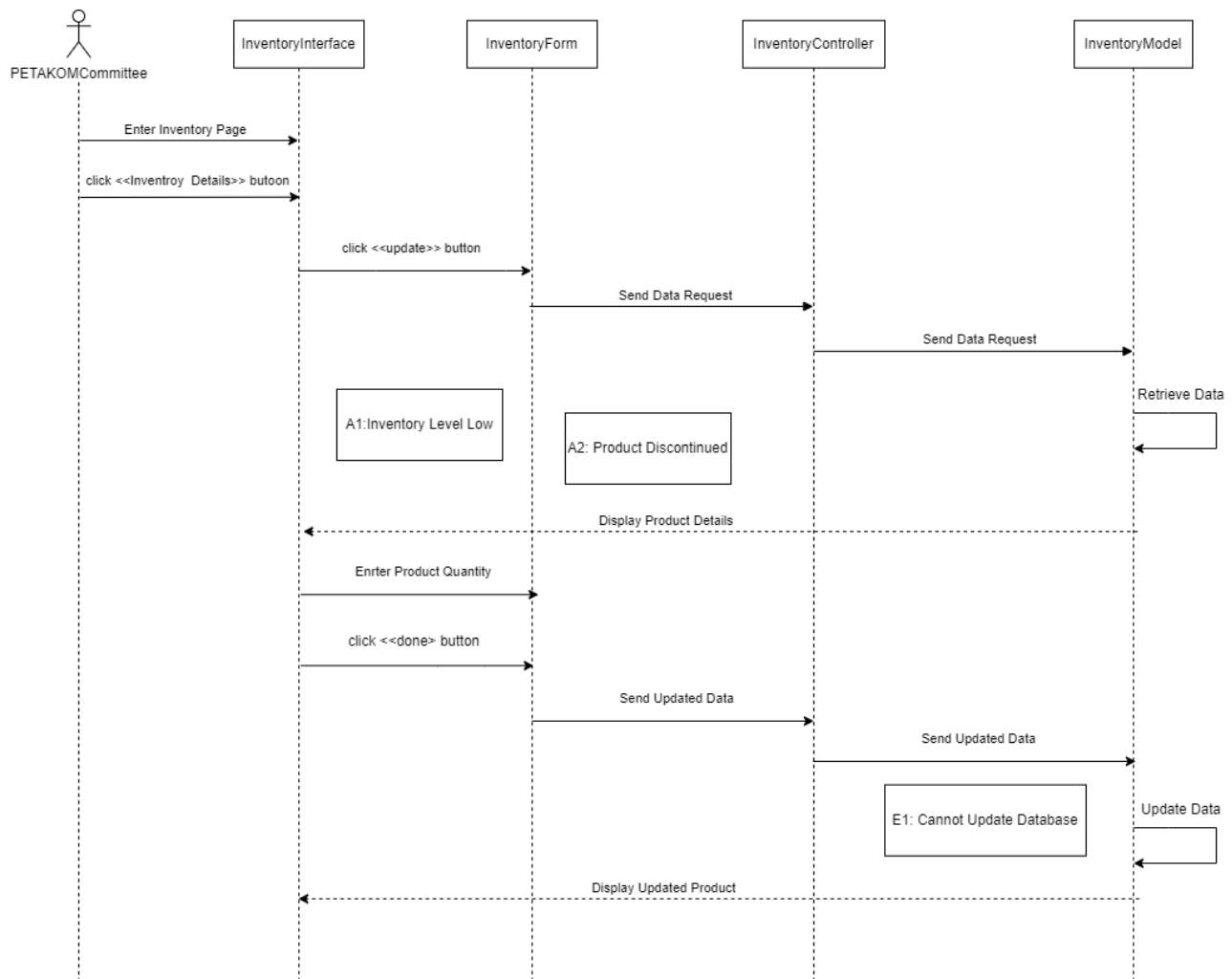


Figure 3.2 Manage Inventory Basic Flow - PETAKOM Committee

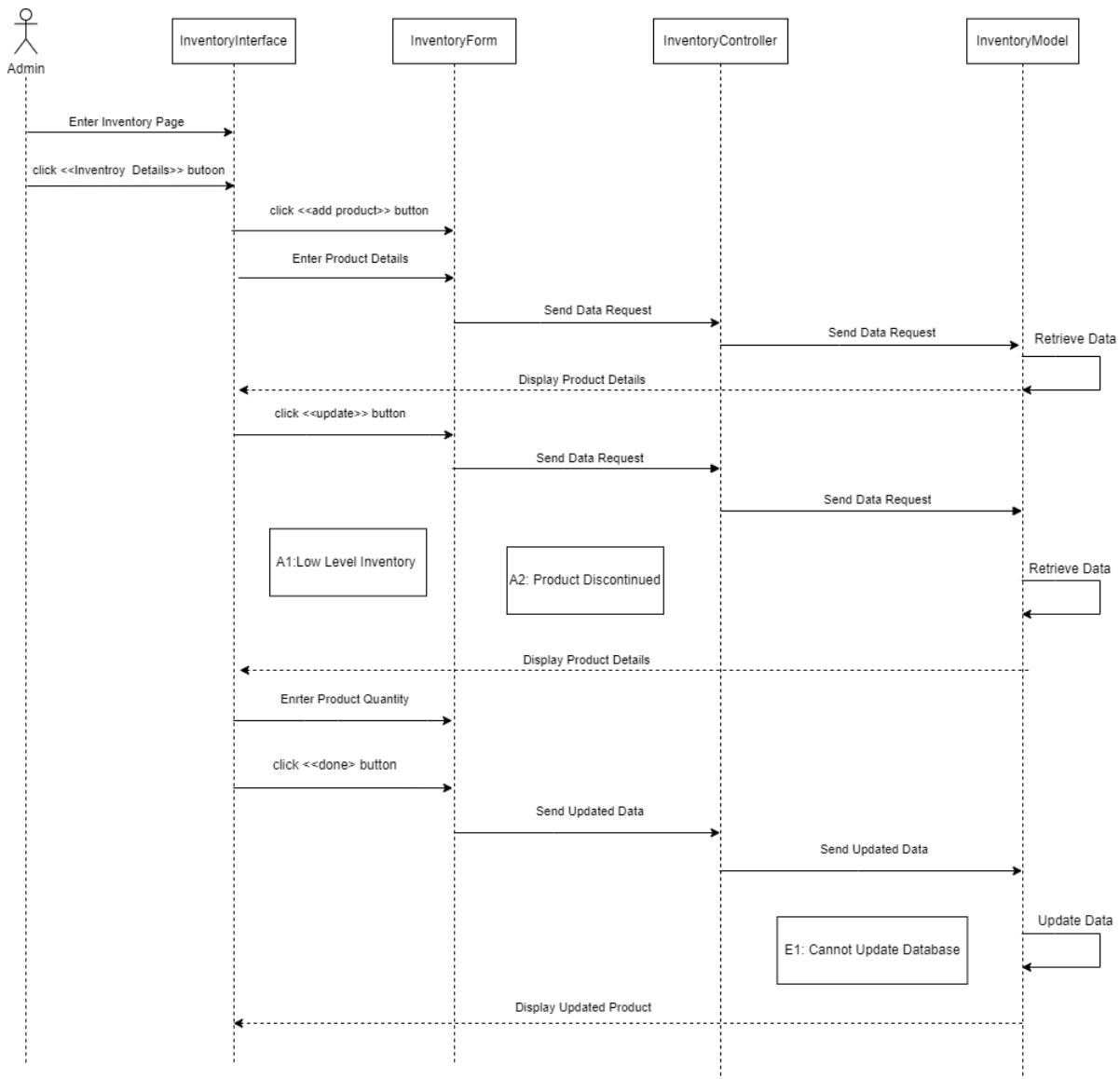


Figure 3.3 Manage Inventory Basic Flow - Admin

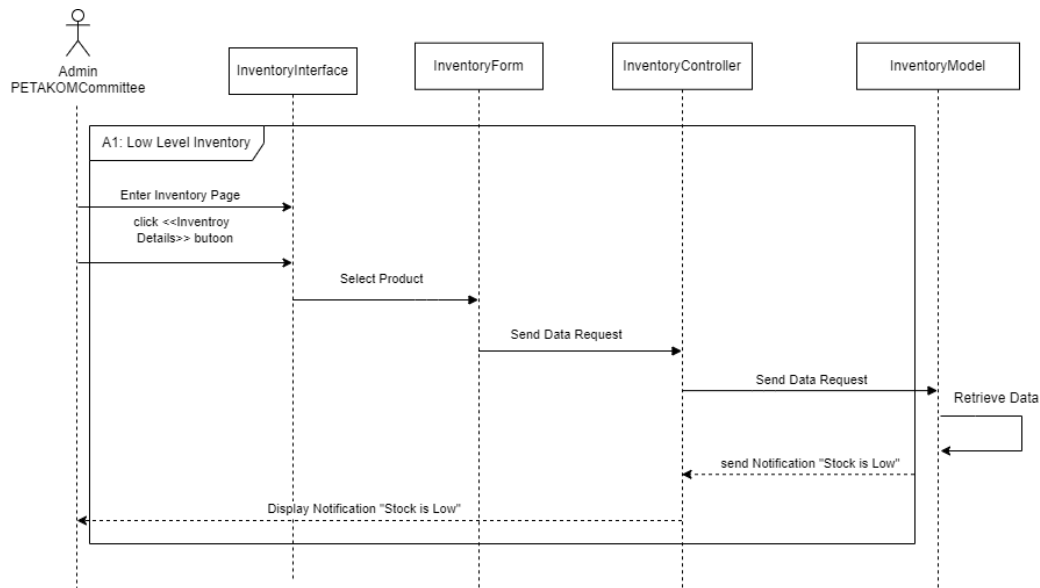


Figure 3.4 Manage Inventory Alternative Flow - Low Level Inventory

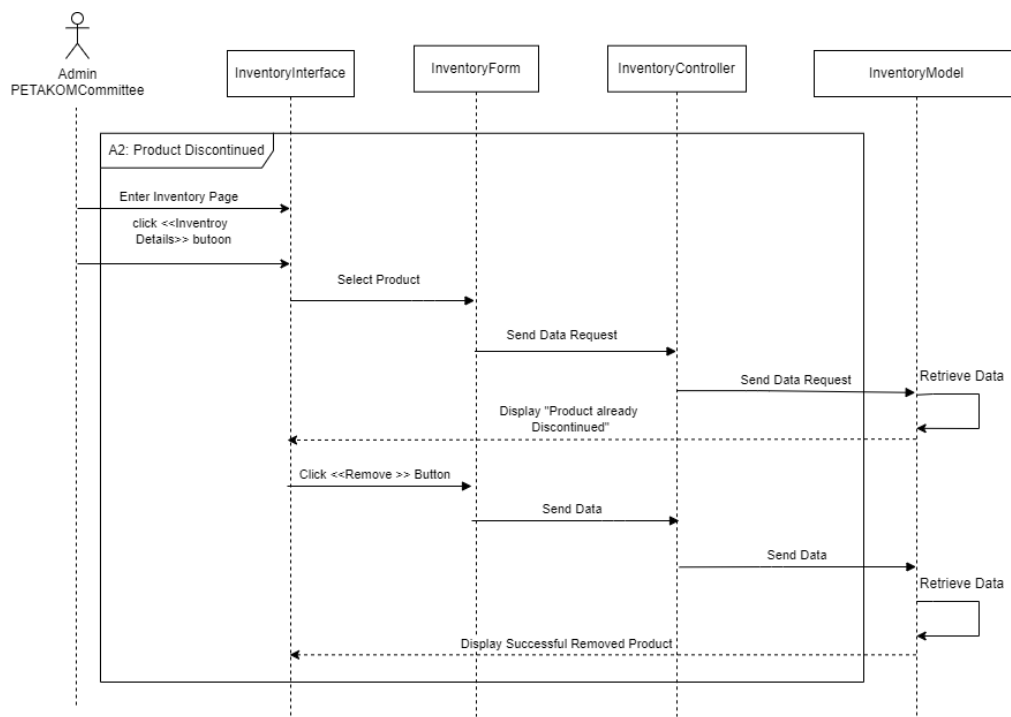


Figure 3.5 Manage Inventory Alternative Flow - Product Discontinued

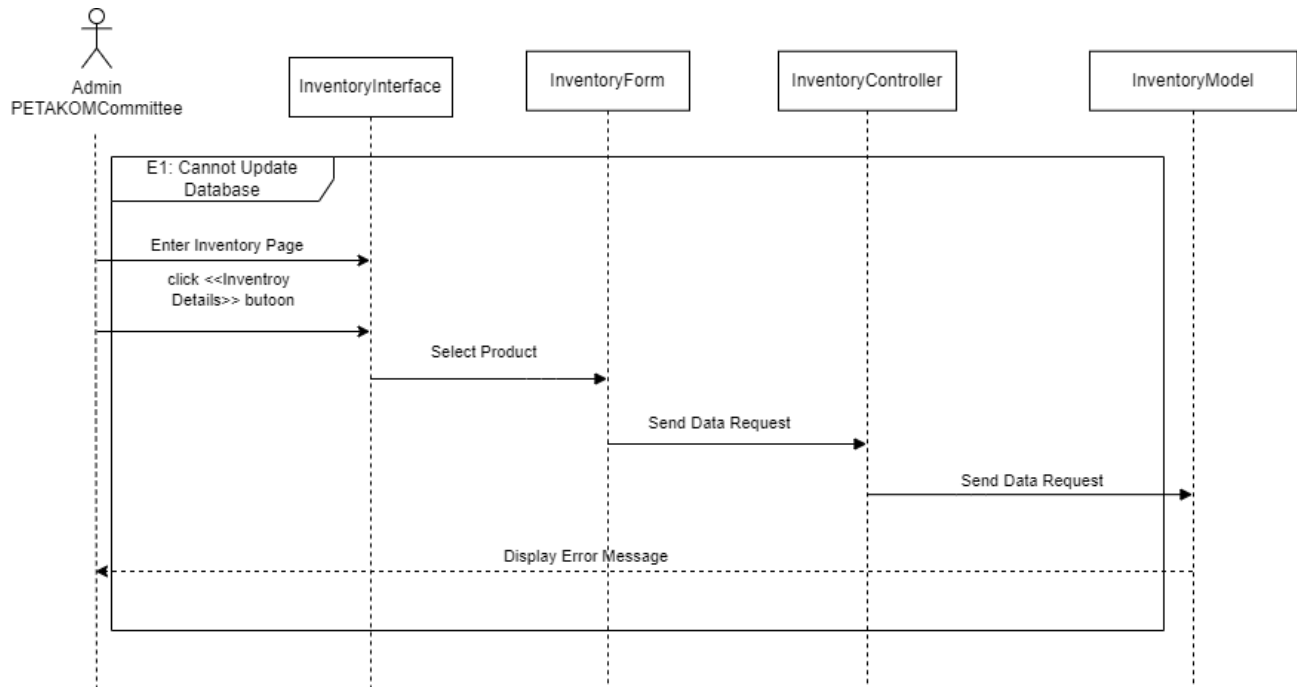


Figure 3.6 Manage Inventory Exceptional Flow - Cannot update into Databas

3.2 Software Product Features - Manage Vendor [AHMAD DANIAL AQIL BIN SALIHIN (CB20049)]

3.2.1 Description and Priority

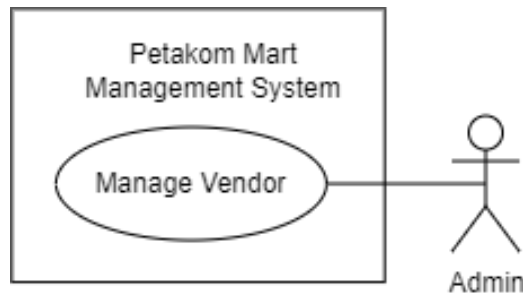


Figure 3.7 Manage Vendor - Use Case Diagram

Table 3.2 Manage Vendor - Use Case Description

Use case ID	PMMS-UC-200
Brief description	The use case is initiated by Admin that allow to input vendor details, update, delete and view details
Actor	1. Admin
Pre-conditions	1. Admin is login into Petakom Mart
Basic flow	<p>Admin</p> <ol style="list-style-type: none"> 1. The use case began when the admin click the “Manage Vendor” 2. The admin <ol style="list-style-type: none"> I. Add supplier details << A1: Add Vendor >> PMMS-REQ-201 II. Update supplier details << A2: Update Vendor >> PMMS-REQ-202 III. Delete supplier details << A3: Delete Vendor >> PMMS-REQ-203 IV. View supplier details << A4: View Vendor >> PMMS-REQ-204 3. The use case end
Alternate flow	<p><< A1: Add Vendor >> PMMS-REQ-201</p> <ol style="list-style-type: none"> 1. Admin select supplier list 2. The system display supplier list information PMMS-REQ-205 3. Admin click add vendor 4. The system display input form 5. Admin add the information details of supplier

	<ol style="list-style-type: none"> 6. Click confirm button 7. System update vendor details in database 8. Continue with step 3 in Basic Flow <p><< A2: Update Vendor >> PMMS-REQ-202</p> <ol style="list-style-type: none"> 1. Admin select supplier list 2. The system display supplier list information 3. Admin select edit from list of supplier 4. The system display edit form 5. Admin update and edit the information details of supplier 6. Click update button 7. System display update supplier details 8. Continue with step 3 in Basic Flow <p><< A3: Delete Vendor >> PMMS-REQ-203</p> <ol style="list-style-type: none"> 1. Admin select supplier list 2. The system display supplier list information 3. Admin select delete vendor 4. The system display delete form 5. Admin delete and remove selected supplier 6. Click delete button 7. System display update supplier details 8. Continue with step 3 in Main Flow <p><< A4: View Vendor >> PMMS-REQ-204</p> <ol style="list-style-type: none"> 1. Admin select supplier list 2. The system display supplier list information 3. Click select preferred supplier 4. System display supplier details 5. Continue with step 3 in Basic Flow
Exception flow	None
Post-condition	All work and operation automatically recorded in the history activity section
Rules	Only Admin are allowed to access manage vendor of PETAKOM Mart
Constraints	-
Sequence diagram	Refer 3.2.2

3.2.2 Sequence Diagram for Manage Vendor

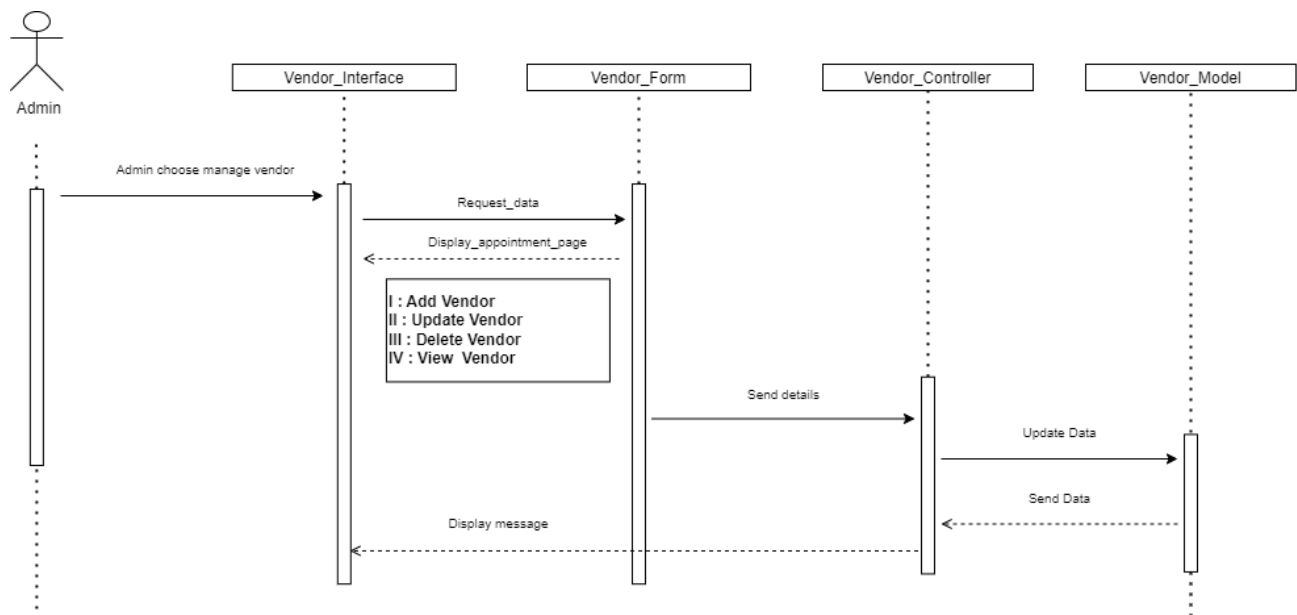
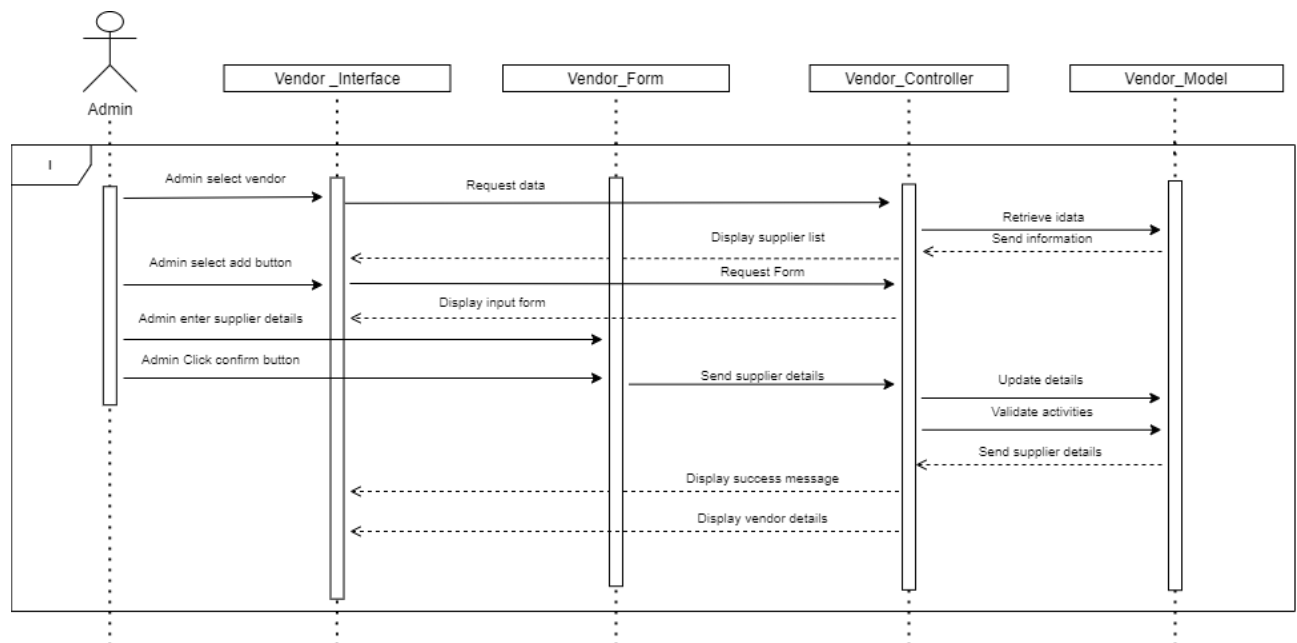


Figure 3.8 Manage Vendor Basic Flow - Admin



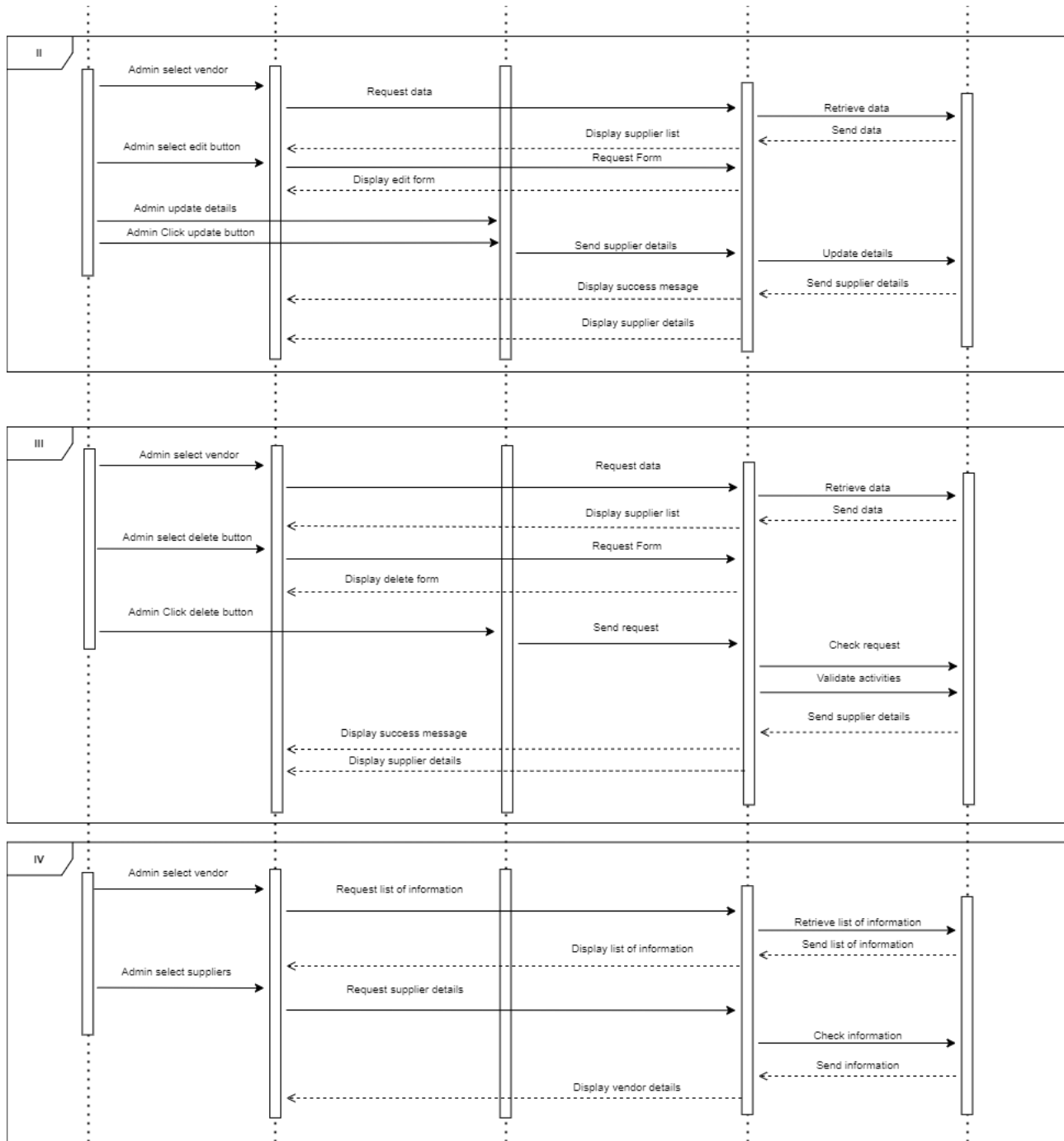


Figure 3.9 Manage Vendor - Alternative Flow

3.3 Software Product Features - Manage Sales [MUHAMMAD SYAKIR BIN HAZLI (CB20125)]

3.3.1 Description and Priority

Manage sales is one of the modules in this PETAKOM mart which their function is important to identify sales and report of the PETAKOM mart. This module just involves two actors which are administrator and cashier.



Figure 3.10 Manage Sales - Use Case Diagram

Table 3.3 Manage Sales - Use Case Description

Use case ID	PMMS-UC-300
Brief description	The use case is initiated by the Administrator and cashier. Administrators can generate sales reports daily, weekly, monthly and also yearly. Cashiers will fill the sales form reports for opening sales and closing sales.
Actor	1. Administrator 2. Cashier
Pre-conditions	1. Cashiers need to register accounts into the system. 2. The Cashier and Administrator already login into the system.
Basic flow	<p>Cashiers</p> <ol style="list-style-type: none"> 1. The use case begins when cashiers login into the systems.[PMMS_REQ_301] 2. The system displays a cashier homepage.[PMMS_REQ_302] 3. The system displays actions that can be done by cashier only.[PMMS_REQ_303] 5. The cashier can do the following option: [A1] Add report [PMMS_REQ_304] 6. The use case ends. <p>Administrator</p> <ol style="list-style-type: none"> 1. The use case begins when the administrator login to the

	<p>system.[PMMS_REQ_305]</p> <p>2. The system displays an administrator homepage.[PMMS_REQ_306]</p> <p>4. The administrator can do the following option:</p> <ul style="list-style-type: none"> [A2] Calculate sales [PMMS_REQ_307] [A3] Generate Mart report [PMMS_REQ_308] [A4] Payment for vendors [PMMS_REQ_309] [A5] Payment for cashier [PMMS_REQ_310] <p>5. The administrator clicks<<PRINT>>.[PMMS_REQ_311]</p> <p>6. The system will process the print.</p> <p>7. The use case ends.</p>
Alternate flow	<p>[A1] Add report [PMMS_REQ_304]</p> <ol style="list-style-type: none"> 1. Cashier clicks the report form. 2. The system displays a selection form for opening sales or closing sales. 3. Cashier clicks the selection type of form. 4. The system will display the form. 5. The cashier fills the preferred form. 6. The cashier clicks the <<SAVE>> button. 7. The use case continues to step 5 in Cashier basic flow. <p>[A2] Calculate sales [PMMS_REQ_307]</p> <ol style="list-style-type: none"> 1. The administrator clicks <<CALCULATE SALES>>. 2. The system will gain the opening sales and closing sales statement from the database. 3. The system will display opening sales and closing sales statements. 4. The administrators click <<CALCULATE>>. 5. The system displays sales results. 6. The system saves into the database. 7. The use case continues to step 4 in Administrators basic flow. <p>[A3] Generate Mart report [PMMS_REQ_308]</p> <ol style="list-style-type: none"> 1. The administrator clicks <<GENERATE MART REPORT>>. 2. The system will gain all sales information from the database. 3. The system will display selection for reports generated. 4. The administrators choose the type of report being displayed. 5. The system displays sales reports from the database. 6. The use case continues to step 4 in Administrators basic flow. <p>[A4] Payment for vendors [PMMS_REQ_309]</p> <ol style="list-style-type: none"> 1. The administrators click <<VENDORS>> 2. The system will display vendor details. 3. Administrators click <<PAY>>.

	<ol style="list-style-type: none"> 4. The system processes payment for vendors. 5. The use case continues to step 4 in Administrators basic flow. <p>[A5] Payment for Cashier [PMMS_REQ_310]</p> <ol style="list-style-type: none"> 1. The administrators click << CASHIER>> 2. The system will display a cashier salary report. 3. The Administrators clicks <<PAY>>. 4. The system processes the payment for cashiers. 5. The use case continues to step 4 in Administrators basic flow.
Exception flow	None
Post-condition	<ul style="list-style-type: none"> - Successfully insert all sales reports. - Daily report information successfully displayed. - Weekly report information successfully displayed. - Monthly report information successfully displayed. - Yearly report sales information successfully displayed. - Sales result successfully saved to database. - Successfully printed the sales report.
Rules	<ol style="list-style-type: none"> 1. Administrators have specific IDs. 2. Password for register: <ul style="list-style-type: none"> - At least 8 characters - At least one upper letter. - At least one special character. 3. Error insert ID and password is 4 times only. 4. Cashier add report form must be filled, cannot be empty.
Constraints	-
Sequence diagram	Refer 3.3.2

3.3.2 Sequence Diagram for Manage Sales

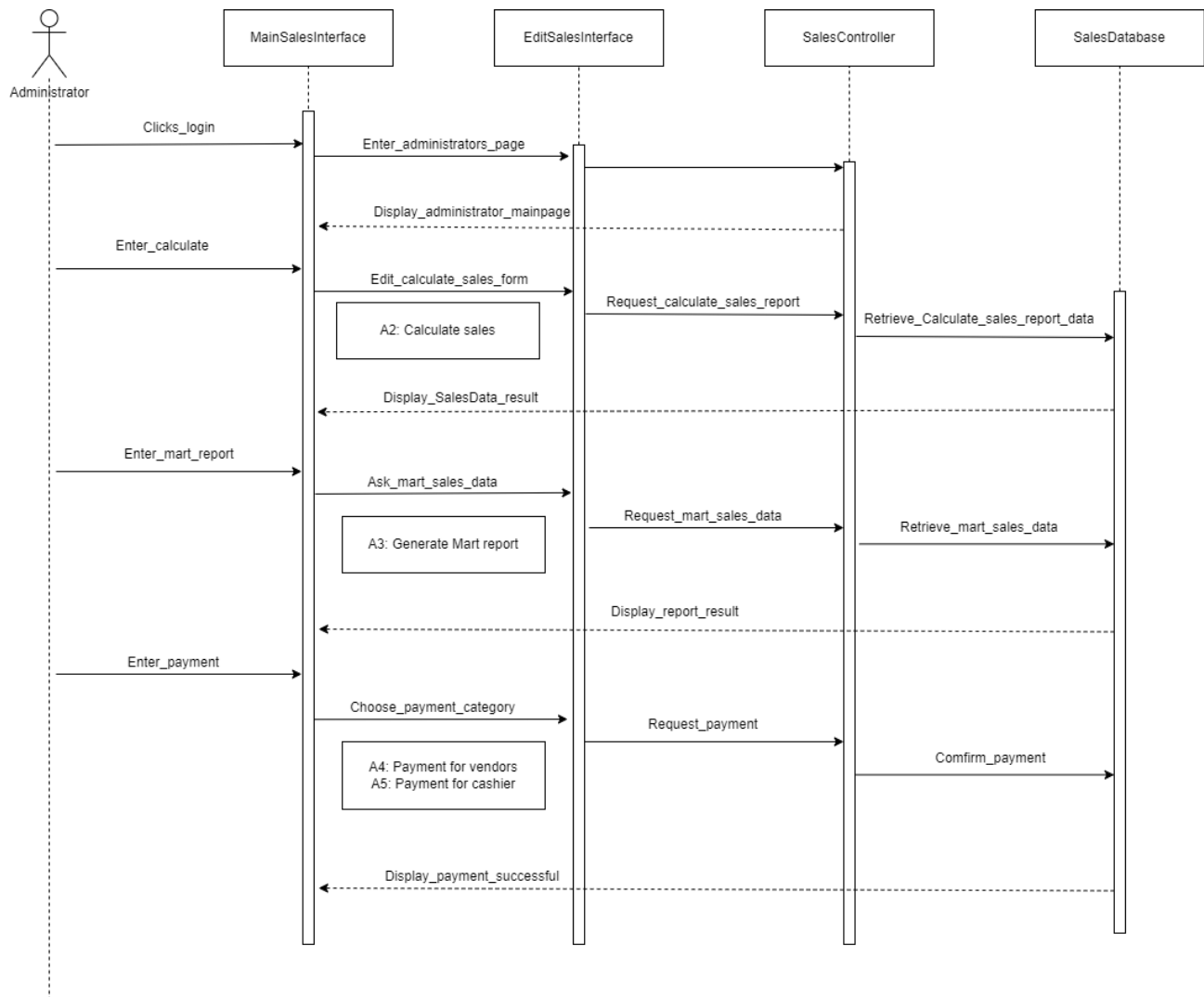


Figure 3.11 Manage Sales Basic Flow - Admin

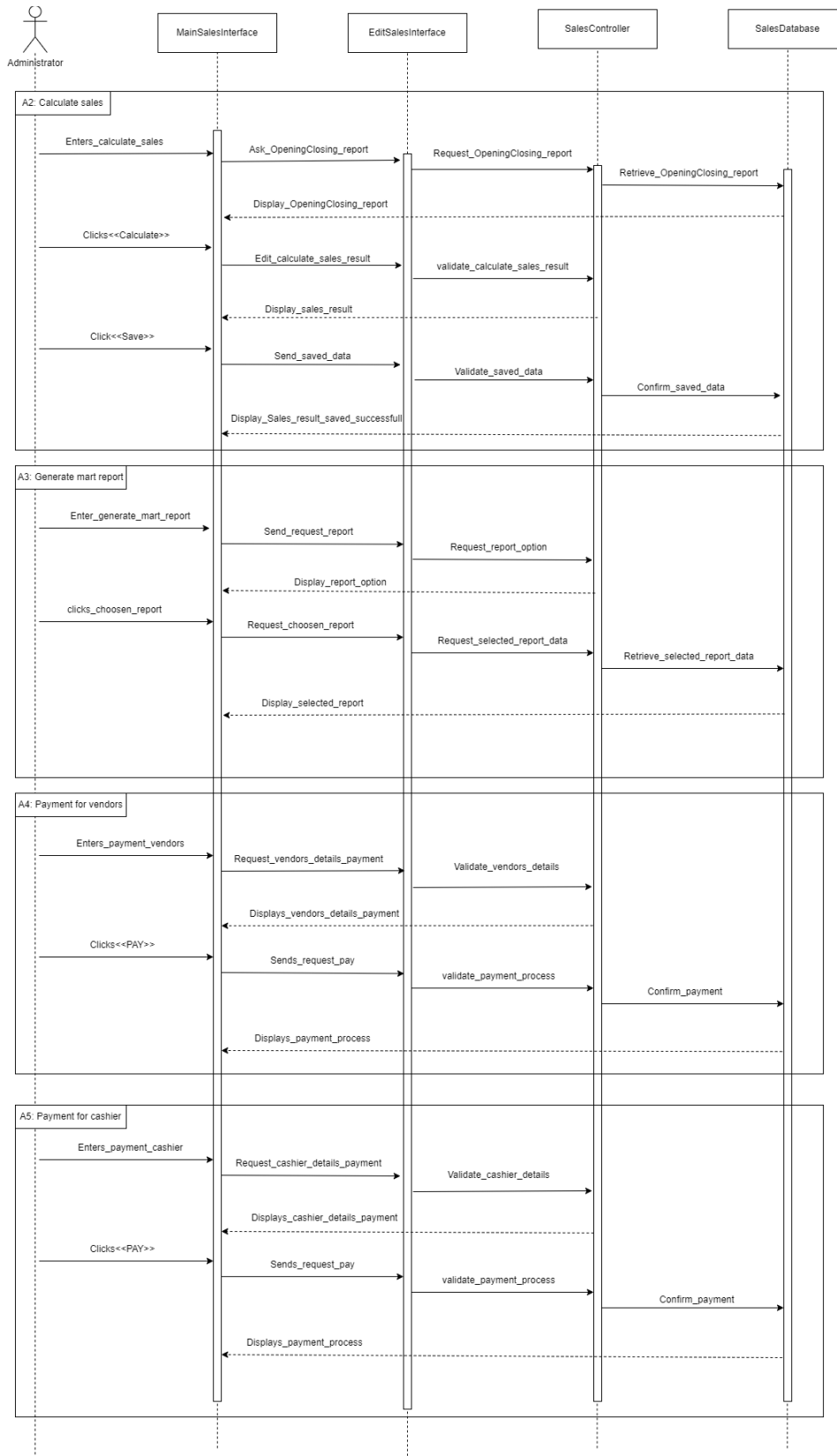


Figure 3.12 Manage Sales Alternative Flow - Admin

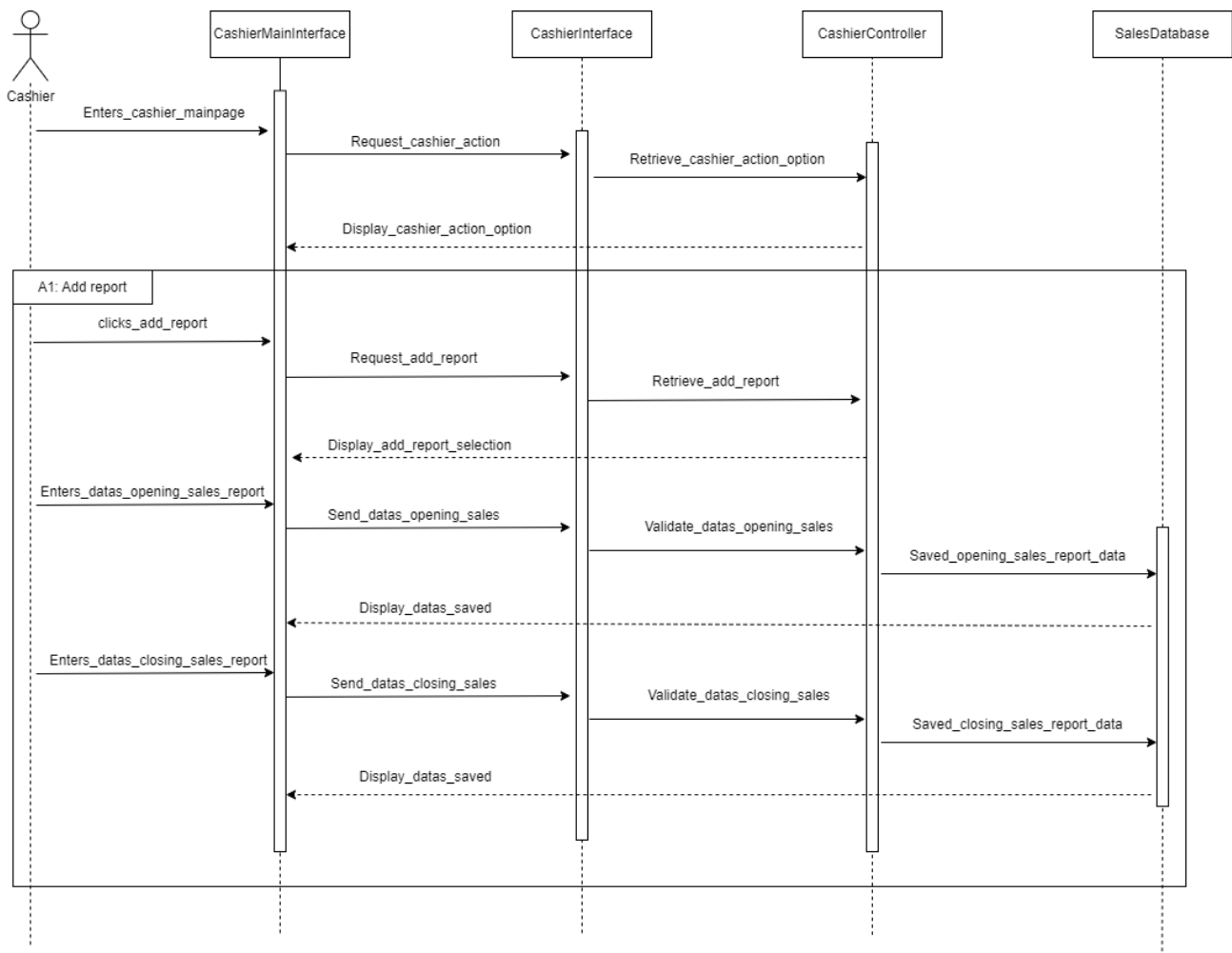


Figure 3.13 Manage Sales Basic & Alternate Flow - Cashier

3.4 Software Product Features - Manage Schedule [SITI SHAZWANIE NURAIN BINTI MOHD SHAFIQ (CB20008)]

3.4.1 Description and Priority

Manage schedule is one of the modules in this system. It allows the Petakom Committee and Cashier to create, view and update their schedule. It allows the cashier to create a schedule by choosing their slot and name as the PIC. The Petakom Committee can view the registered slot by the cashier.

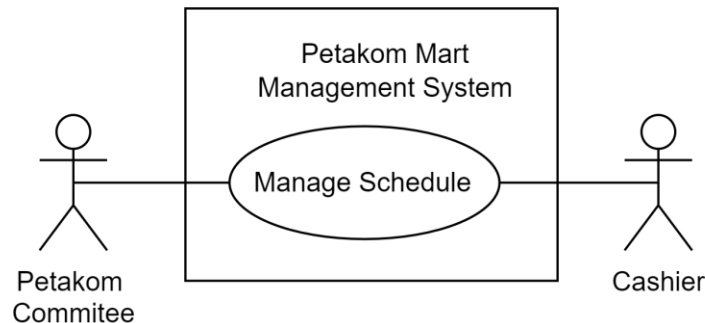


Figure 3.12 Manage Schedule - Use Case Diagram

Table 3.4 Manage Schedule - Use Case Description

Use Case ID	PMMS-UC-0400
Brief Description	This use case is initiated by the cashier and Petakom Committee. It provides the capability for the cashier to choose their schedule and can be viewed by the Petakom Committee.
Actor	Cashier, Petakom Committee.
Pre-conditions	The cashier and Petakom Committee must have a valid account to modify the schedule.
Basic Flow	<ol style="list-style-type: none"> 1. This use case begins when the Cashier and Petakom committee clicks on the Manage Schedule button. 2. The system displays the Manage Schedule page. [SRS_REQ-401] 3. The Cashier and Petakom Committee are able to: <ol style="list-style-type: none"> a. click the <<ADD>> button to Add Schedule by choosing the date, time and PIC. (A-1: Add Schedule)[SRS_REQ-402] b. click the <<DELETE>> button to cancel the time slot. (A-2: Delete Schedule) [SRS_REQ-403] c. click the <<EDIT>> button to edit the timeslot of the schedule or the working hours. (A-3 Edit Schedule) [SRS_REQ-404] 4. The system displays the chosen date and time and updates in the

	<p>database.</p> <ol style="list-style-type: none"> 5. The cashier and Petakom Committee clicks on the <<Save>> button. 6. The system displays the updated schedule. 7. The use case ends.
Alternative Flow	<p>A-1: Add Schedule</p> <ol style="list-style-type: none"> 1. The cashier clicks on the <<Add>> button. 2. The system shows the add schedule page. 3. The use case continues in Step 2 in Basic Flow. <p>A-2: Delete the chosen date/time</p> <ol style="list-style-type: none"> 1. The cashier clicks on the <<Delete>> button. 2. The system clears the displays. 3. The use case continues in Step 2 in Basic Flow. <p>A-2: Edit Schedule</p> <ol style="list-style-type: none"> 1. The cashier clicks on the <<Cancel>> button. 2. The cashier input the new details. 3. The system saves the details. 4. The use case continues in Step 2 in Basic Flow.
Exception Flow	-
Post-Conditions	The system displayed the latest schedule.
Rules	-
Constraints	-
Sequence Diagram	Refer 3.4.2

3.4.2 Sequence Diagram for Manage Schedule

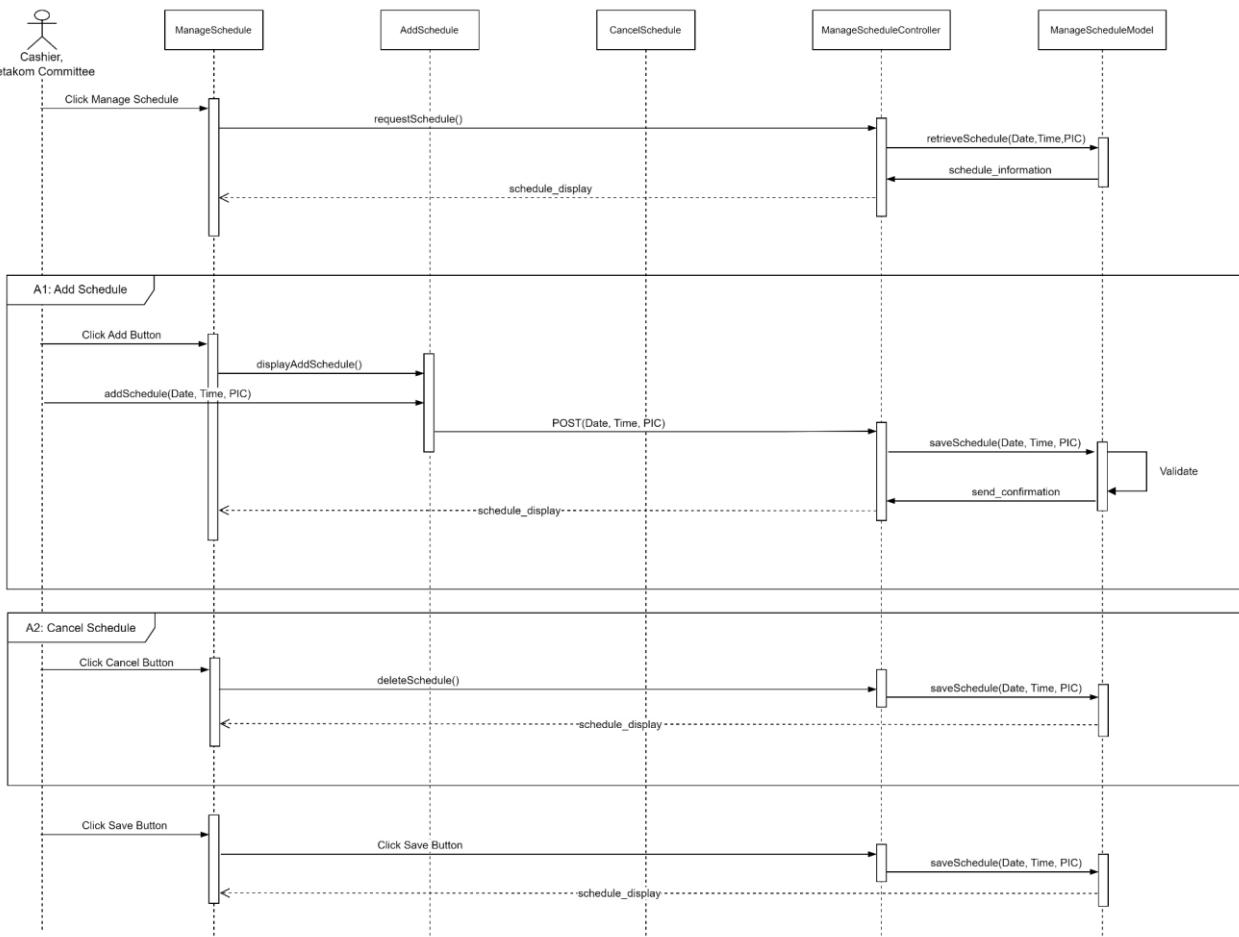
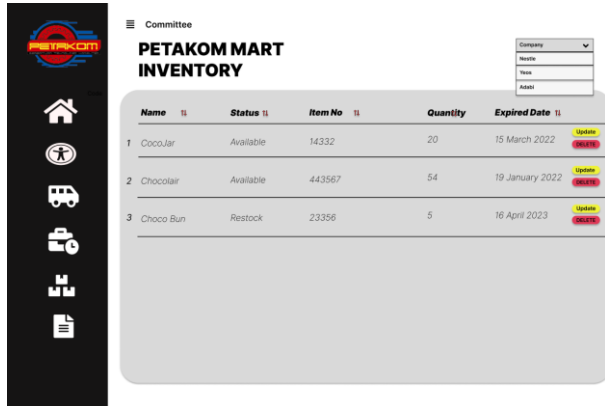


Figure 3.13 Manage Schedule - Basic, Alternative Flow

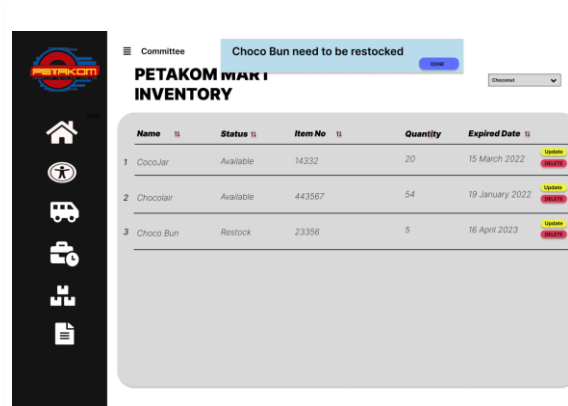
3.5 GUI/ Wireframe

3.5.1 Manage Inventory

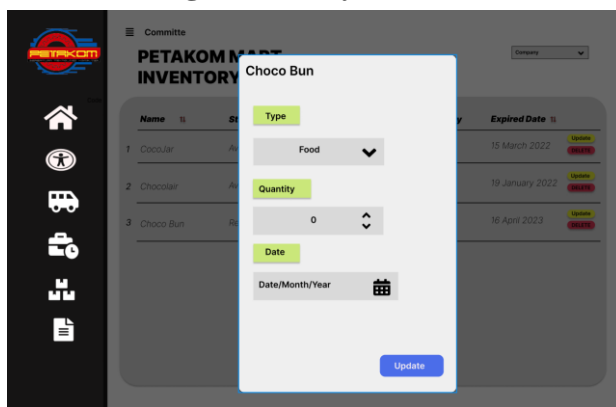
3.5.1.1 Petakom Committee Interface



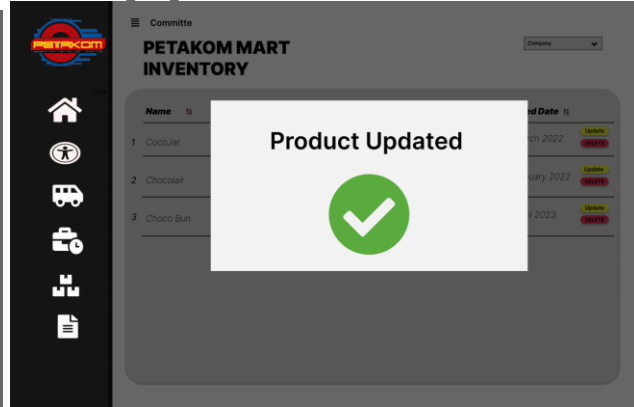
1. Manage Inventory (Main)



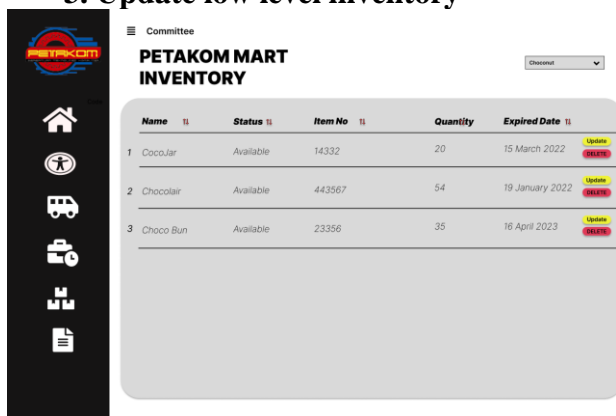
2. Pop up notification for low stock items



3. Update low level inventory

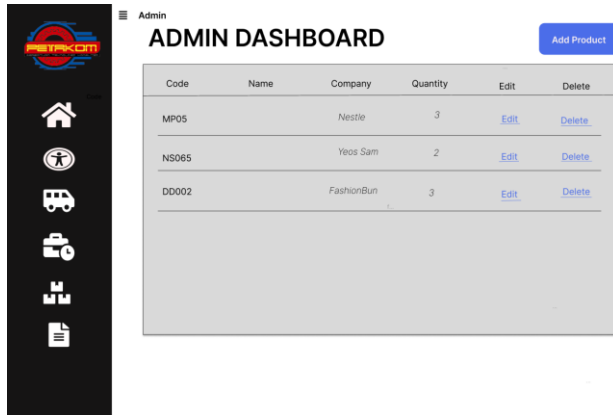


4. Prompt Message (Product Updated)

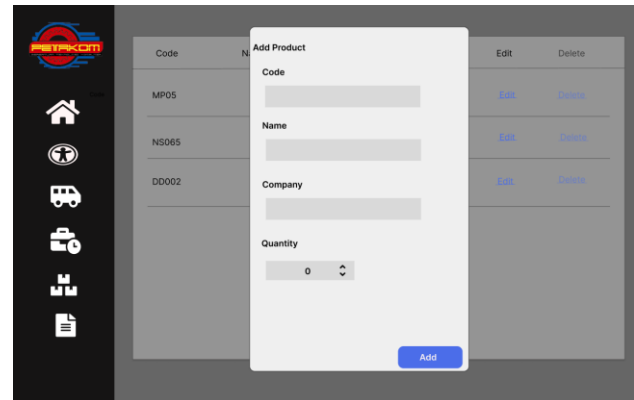


3. Display updated product

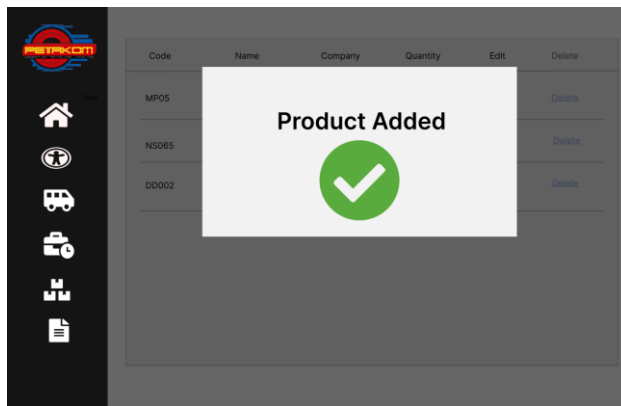
3.5.1.2 Admin Interface



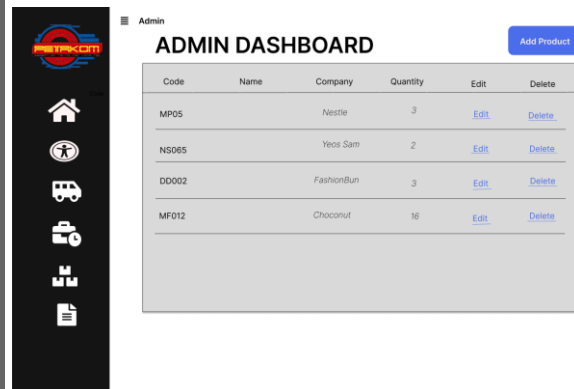
1. Admin Dashboard (Main)



2. Add new product

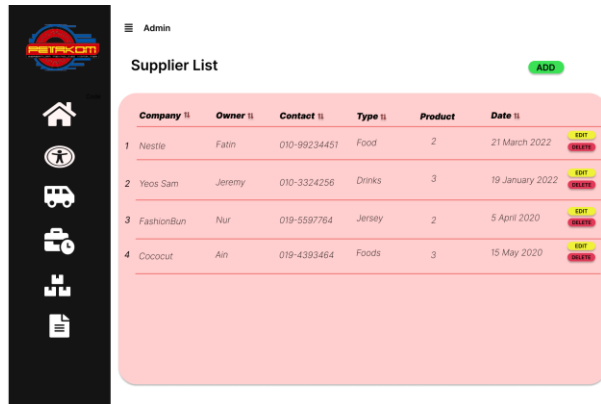


3. Prompt Message (Product Added)

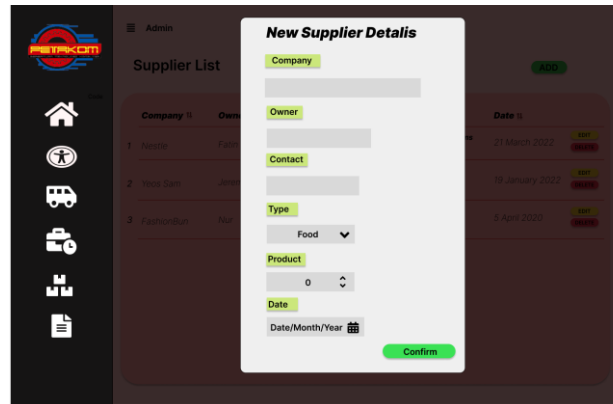


4. Display product added

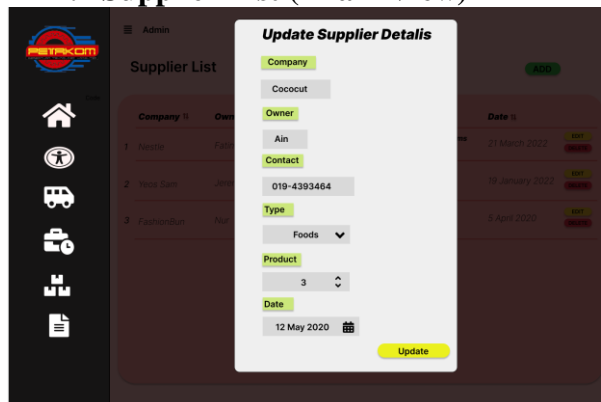
3.5.2 Manage Vendor



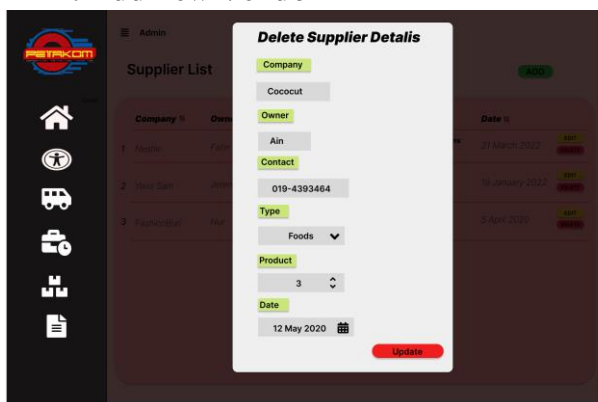
1. Supplier List (Main View)



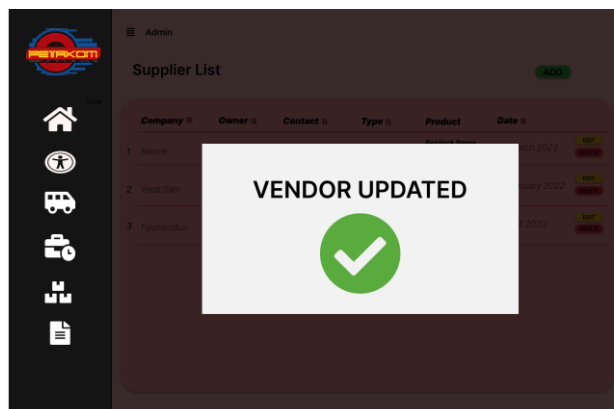
2. Add new Vendor



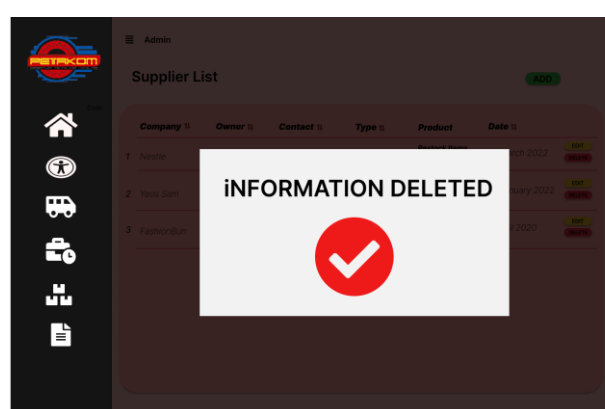
3. Edit preferred Vendor



4. Delete preferred Vendor



5. Success updated message



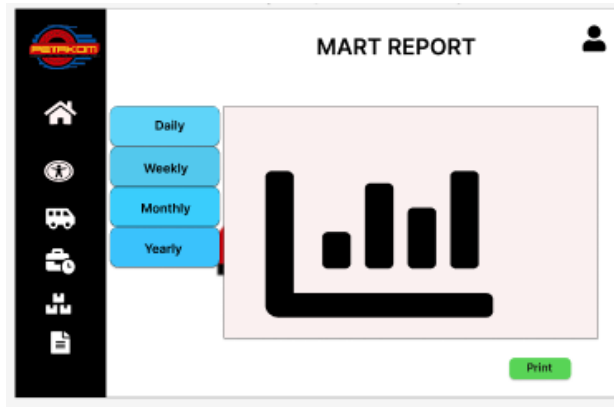
6. Success deleted message

3.5.3 Manage Sales

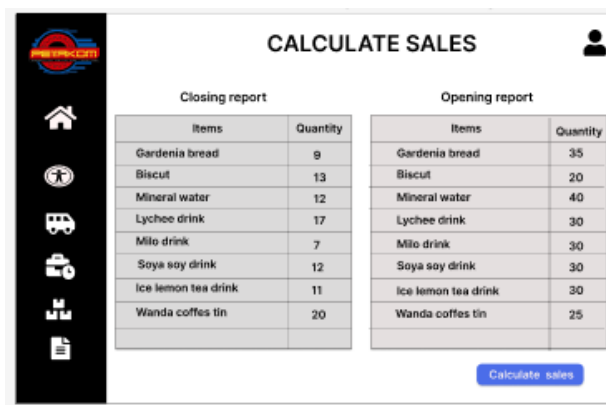
3.5.3.1 Administrators Interface



1. Manage sales main page



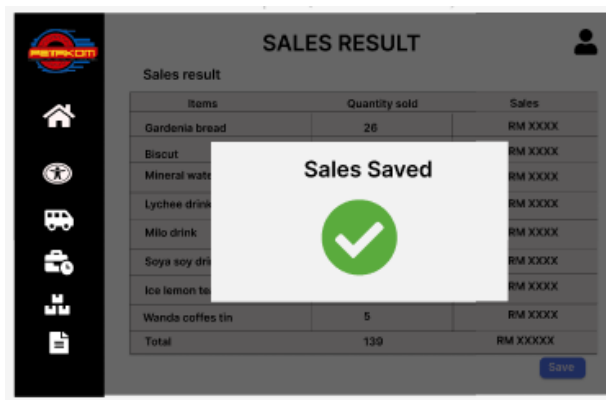
2. Mart report page



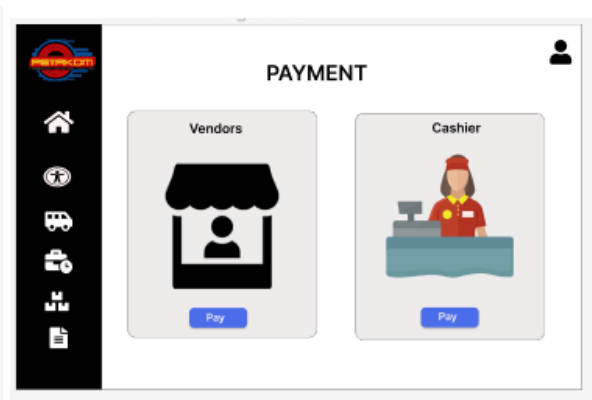
3. Calculate sales



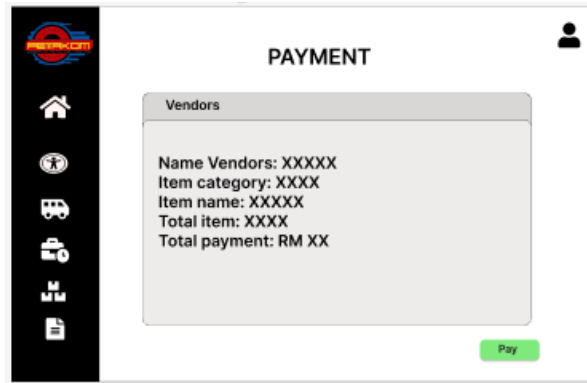
4. Sales report



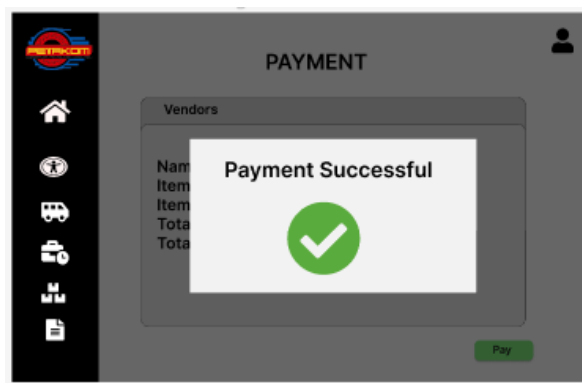
5. Sales saved



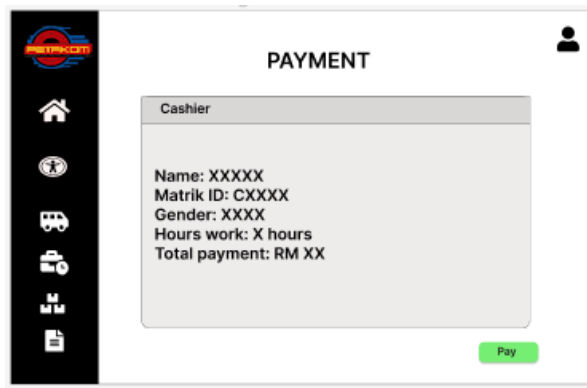
6. Payment page



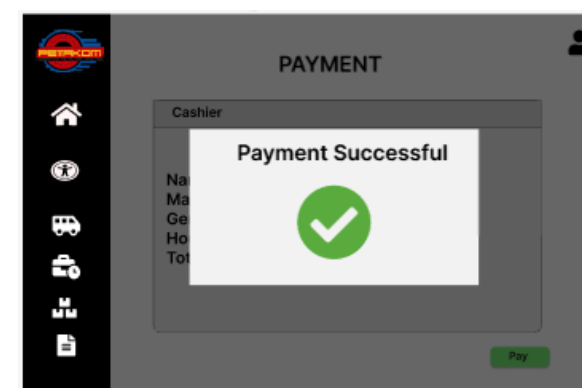
7. Payment invoice page



8. Payment successful

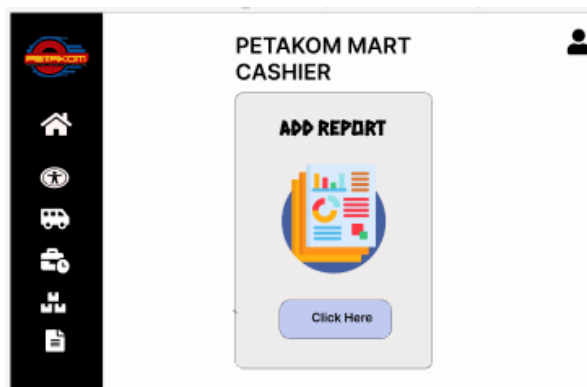


9. Payment invoice page cashier

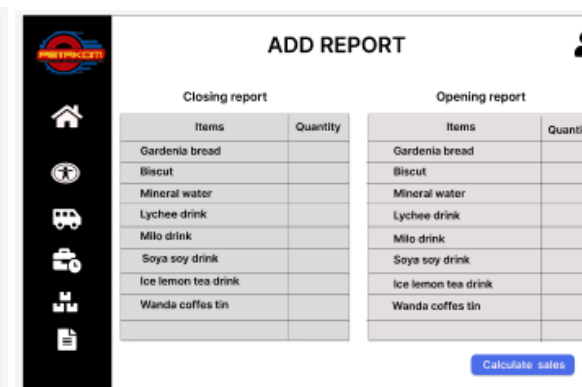


10. Payment successful

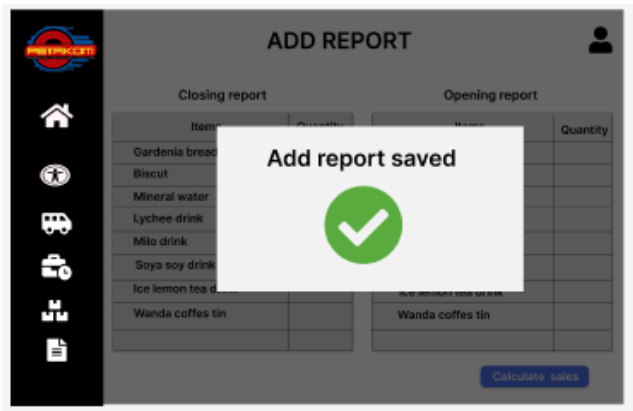
3.5.3.2 Cashier Interface



1. Cashier main page

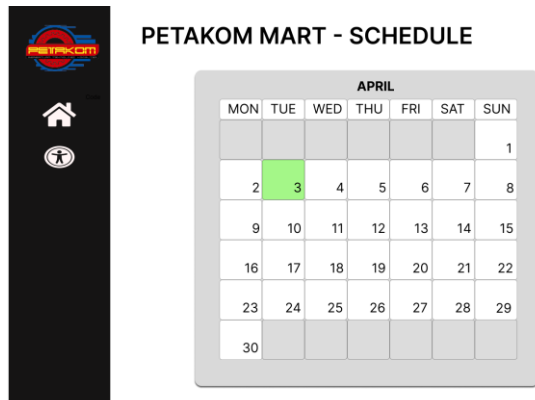


2. Add report page

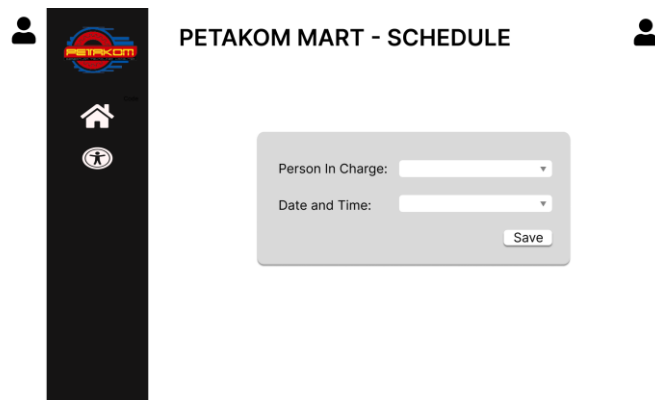


3. Add report saved

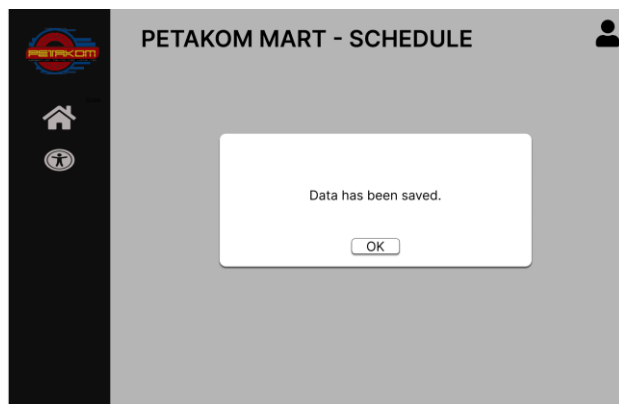
3.5.4 Manage Schedule



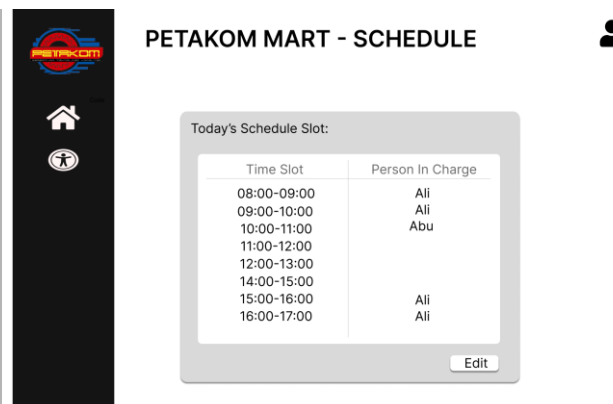
1. Manage Schedule (Main)



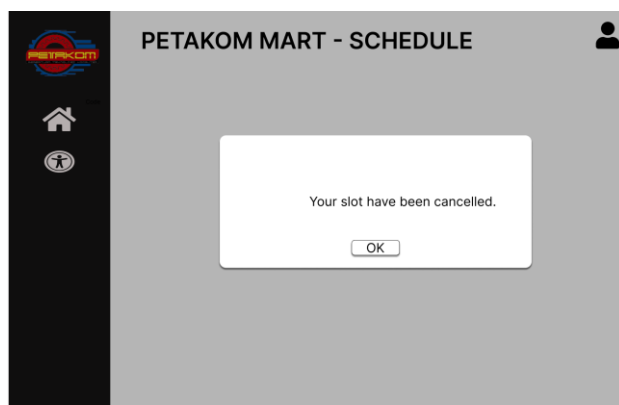
2. Add Schedule



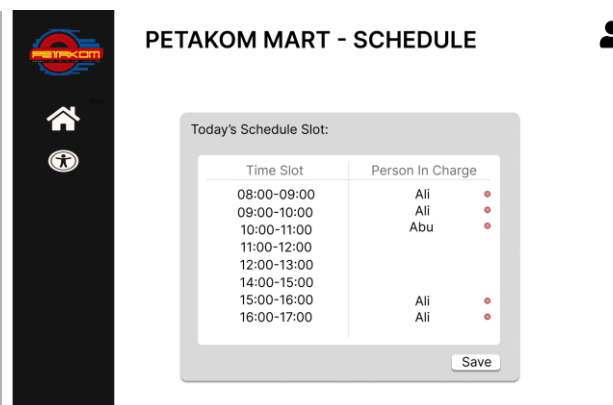
3. Prompt Message (Successful)



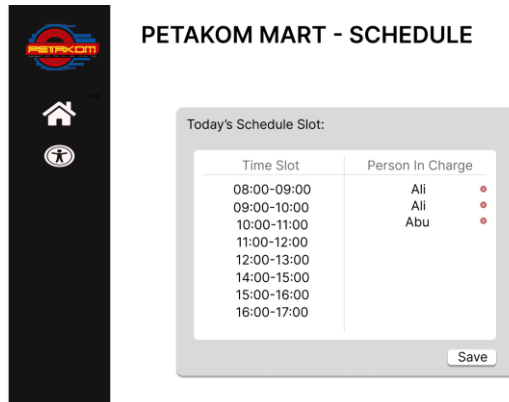
4. Display Schedule



5. Alert Message (Canceled Slot)



6. Edit Page



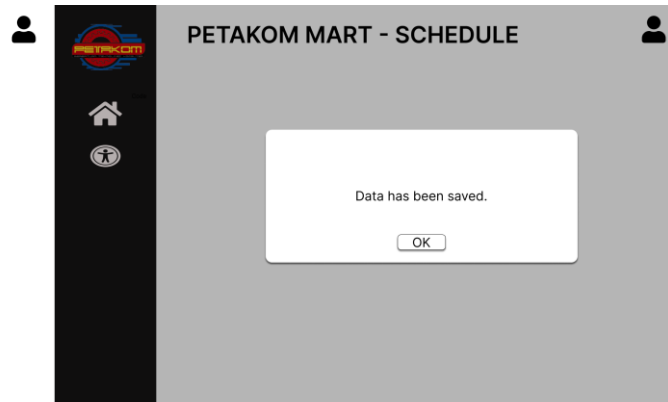
PETAKOM MART - SCHEDULE

Today's Schedule Slot:

Time Slot	Person In Charge
08:00-09:00	Ali
09:00-10:00	Ali
10:00-11:00	Abu
11:00-12:00	
12:00-13:00	
14:00-15:00	
15:00-16:00	
16:00-17:00	

Save

7. Edit Page

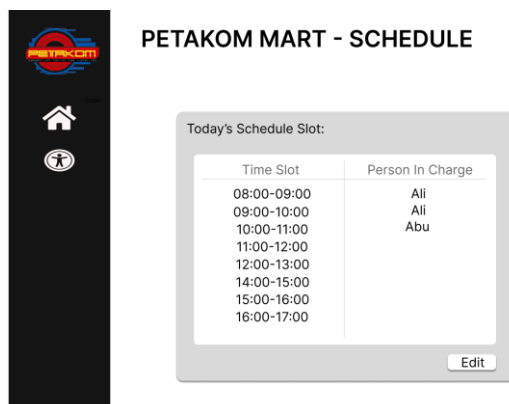


PETAKOM MART - SCHEDULE

Data has been saved.

OK

8. Prompt Message



PETAKOM MART - SCHEDULE

Today's Schedule Slot:

Time Slot	Person In Charge
08:00-09:00	Ali
09:00-10:00	Ali
10:00-11:00	Abu
11:00-12:00	
12:00-13:00	
14:00-15:00	
15:00-16:00	
16:00-17:00	

Edit

9. Latest Schedule

Appendix A: Acronyms and Abbreviation

ACRONYMS	ABBREVIATION
PMMS	PETAKOM Mart Management System
DB	Database
SRS	Software Requirement Specification
Req	Requirement
UC	Use Case
MM	Maguire Market SDN BHD
V1	Version 1
FK	Fakulti Komputer

Appendix B: Daily Standup / Meeting Notes

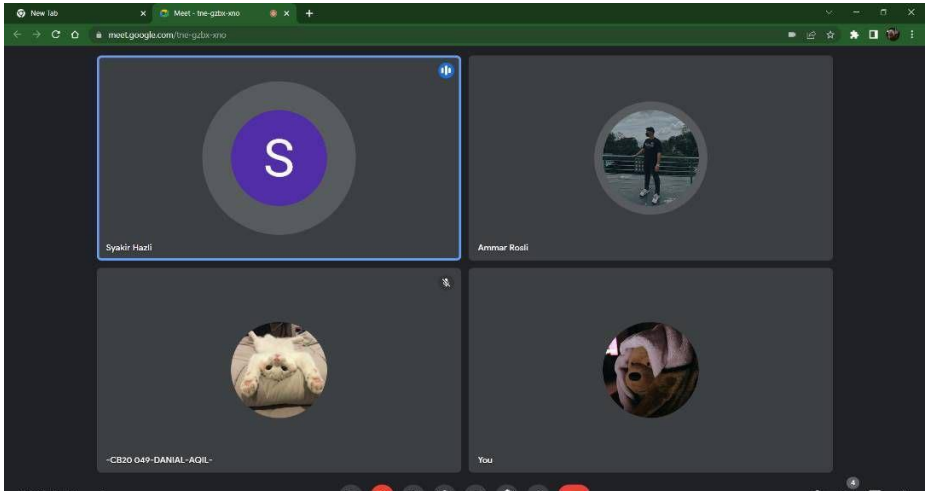
Name	<ol style="list-style-type: none"> 1. Muhammad Ammar bin Mohd Rosli [CB20037] 2. Ahmad Danial Aqil bin Salihin [CB20049] 3. Muhammad Syakir bin Hazli [CB20125] 4. Siti Shazwanie Nurain Binti Mohd Shafiq [CB20008]
Date	23/3/2023
Mode	 <p>Online</p>
Agenda	<ol style="list-style-type: none"> 1. Discussion and improvement of the overall system use case diagram. 2. Use case description of each module. 3. Group work distribution for each of the team organizations.
Next Agenda	<ol style="list-style-type: none"> 1. Each module sequence diagram. 2. System GUI theme suggestion.

Table B.1 Meeting

Name	<ol style="list-style-type: none"> 1. Muhammad Ammar bin Mohd Rosli [CB20037] 2. Ahmad Danial Aqil bin Salihin [CB20049] 3. Muhammad Syakir bin Hazli [CB20125] 4. Siti Shazwanie Nurain Binti Mohd Shafiq [CB20008]
Date	30/3/2023

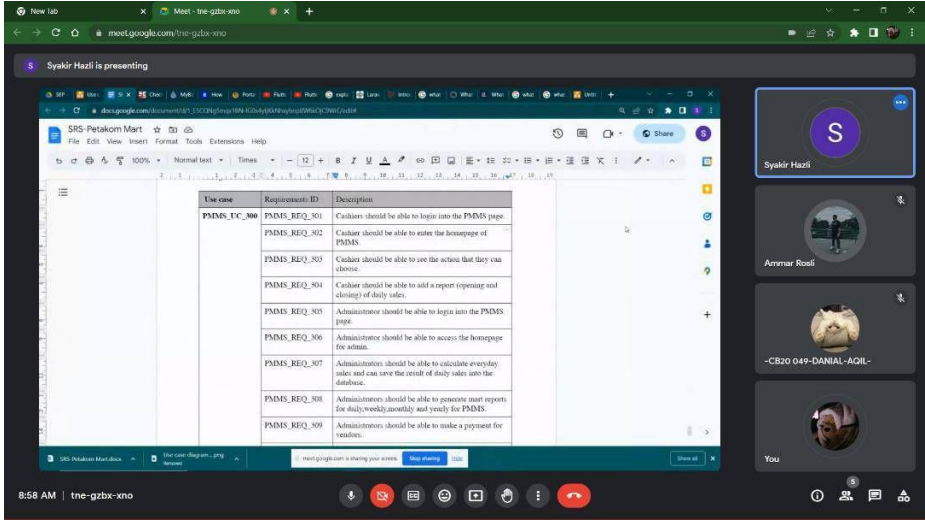
Mode	 <p>Online</p>
Agenda	<ol style="list-style-type: none"> 1. Discussion and improvement of the overall system use case diagram. 2. Use case description of each module. 3. Group work distribution for each of the team organizations.
Next Agenda	<ol style="list-style-type: none"> 1. Each module sequence diagram. 2. System GUI theme suggestion.

Table B.2 Meeting

Name	1. Muhammad Ammar bin Mohd Rosli [CB20037] 2. Ahmad Danial Aqil bin Salihin [CB20049] 3. Muhammad Syakir bin Hazli [CB20125] 4. Siti Shazwanie Nurain Binti Mohd Shafiq [CB20008]
Date	9/4/2023
Mode	Face to face
Agenda	1. Each module sequence diagram development.. 2. System GUI theme development.
Next Agenda	1. Completion on traceability matrix, abbreviation and acronyms. 2. Preparation for informal review.

Table B.3 Meeting

Name	1. Muhammad Ammar bin Mohd Rosli [CB20037] 2. Ahmad Danial Aqil bin Salihin [CB20049] 3. Muhammad Syakir bin Hazli [CB20125] 4. Siti Shazwanie Nurain Binti Mohd Shafiq [CB20008]
Date	12/4/2023


Mode	 <p>Whatsapp</p>
Agenda	<ol style="list-style-type: none"> 1. Completing final part which is traceability part. 2. Clarify all part.
Next Agenda	<ol style="list-style-type: none"> 1. Last check before submission

Table B.4 Meeting

Appendix C: Traceability Matrix

Use case	Requirements ID	Description
PMMS_UC_100	PMMS_REQ_101	The PETAKOM Committee and Admin should be able to login to the PETAKOM Mart Management System,
	PMMS_REQ_102	The PETAKOM Committee and Admin should be able to view the product details and the inventory level for each product.
	PMMS_REQ_103	The PETAKOM Committee should be able to update the low level inventory product by inserting the quantity of the products.
	PMMS_REQ_104	The Admin should be able to Add the new product arrive from the invoice by inserting the product code, name, company name and the quantity of the product
	PMMS_REQ_105	The PETAKOM Committee and Admin should be able to receive and view the notification for the low level inventory
	PMMS_REQ_106	The PETAKOM Committee and Admin should be able to delete the stock that has been discontinued from the inventory
	PMMS_REQ_107	The PETAKOM Committee and Admin should be able to view the error message if the stock cannot be inserted into the system.

Table C.1 Manage Inventory - Traceability Table

Manage Vendor

Use case	Requirements ID	Description
PMMS_UC_200	PMMS_REQ_201	The system shall allow Admin to input new vendor or supplier details and click Confirm button to update the information list
	PMMS_REQ_202	The system shall allow Admin to select previous vendor and edit vendor details and click Update button to update the information details
	PMMS_REQ_203	The system shall allow Admin to select previous vendor and click Delete button to remove the vendor details
	PMMS_REQ_204	The system shall allow Admin to select preferred vendor from list of vendor and view the information details
	PMMS_REQ_205	The system shall display list of vendor information to admin

Table C.2 Manage Sales - Traceability Table

Manage sales

Use case	Requirements ID	Description
PMMS_UC_300	PMMS_REQ_301	Cashiers should be able to login into the PMMS page.
	PMMS_REQ_302	Cashier should be able to enter the homepage of PMMS.
	PMMS_REQ_303	Cashier should be able to see the action that they can choose.
	PMMS_REQ_304	Cashier should be able to add a report (opening and closing) of daily sales.
	PMMS_REQ_305	Administrator should be able to login into the PMMS page.
	PMMS_REQ_306	Administrator should be able to access the homepage for admin.
	PMMS_REQ_307	Administrators should be able to calculate everyday sales and can save the result of daily sales into the database.
	PMMS_REQ_308	Administrators should be able to generate mart reports for daily,weekly,monthly and yearly for PMMS.
	PMMS_REQ_309	Administrators should be able to make a payment for vendors.
	PMMS_REQ_310	Administrators should be able to make a payment for the cashier to pay their salary.
	PMMS_REQ_311	Administrators should be able to print each action they intend to like, mart report and result sales per day.

Table C.3 Manage Sales - Traceability Table

Manage schedule

Use case	Requirements ID	Description
SRS_UC_400	SRS_REQ_401	The system shall display the schedule page.
	SRS_REQ_402	Cashier shall be able to add schedules by clicking the add button.
	SRS_REQ_403	Cashier shall be able to delete the registered slot by clicking the delete button.
	SRS_REQ_404	Cashier shall be able to edit their details for the schedule by clicking the edit button.

Table C.4 Manage Schedule - Traceability Table