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# Overview

This document is intended for users of Pow app. In this document, list of features, their usages and steps on how to use them are described in detail. As of now, Pow is only supported on Android platform of version 5 and above. The features of Pow app are as follows:

- Log In
- Manage Billing
  - Add billing
  - View billing
- Manage Inventory
  - Add item
  - View item
  - Edit item
  - Delete item
- Manage Customers
  - Add customer
  - View customer
  - Edit customer
  - Delete customer
- Log Out

# Log In

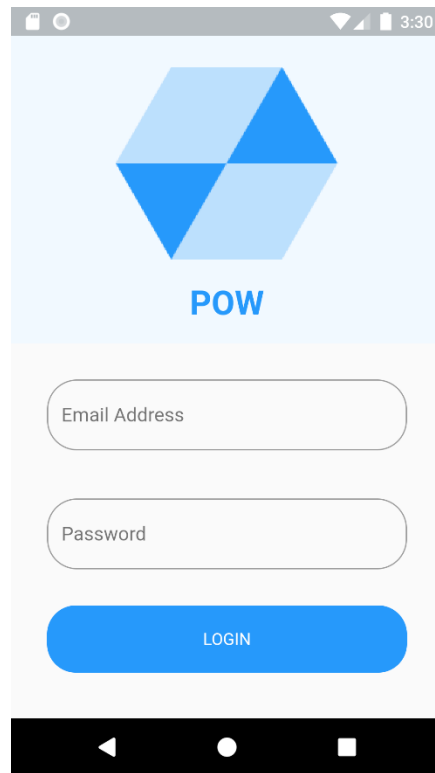


Figure 1. Log In

After installing the app, users will be presented with a Log In Screen as shown in Figure 1. The screen consists of app logo, app name, and login form. Users are required to enter valid email address and password. If the email address and password matches, users will be taken to the homepage.

# Homepage

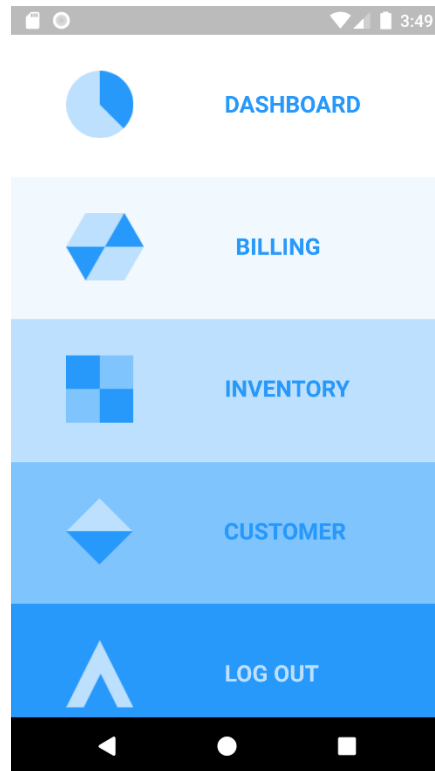


Figure 2. Homepage

After successfully logged in, users will be taken to the Homepage as shown in Figure 2. This screen consists of all app functionalities such as Dashboard, Billing, Inventory, Customer, and Log Out.

# Dashboard

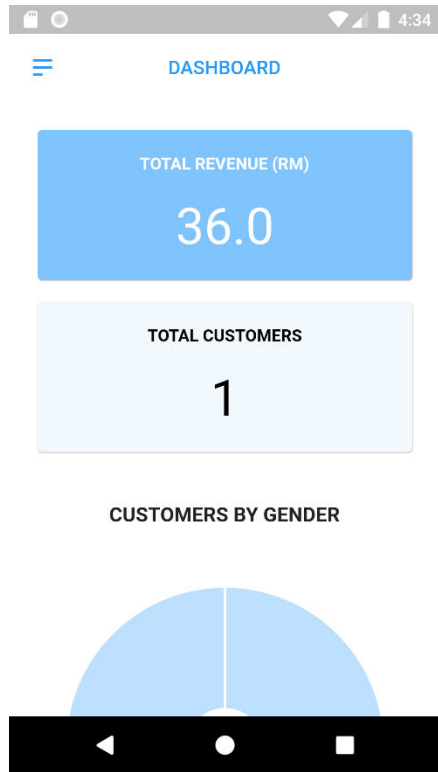


Figure 3. Dashboard I

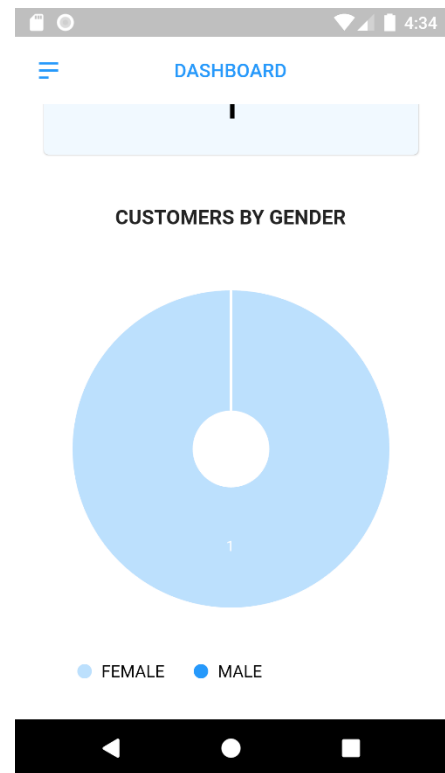


Figure 4. Dashboard II

After clicking on Dashboard in the Homepage screen, users will be displayed with app analytics such as Total Revenue (RM), Total Customers, and Customers by Gender. The analytics are generated using real-time data from database. Figure 3 and Figure 4 show the scrollable dashboard screen.

# Manage Billing

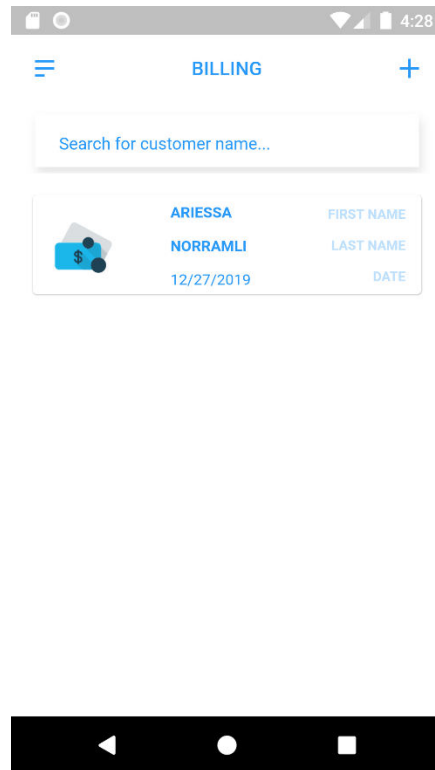


Figure 5. Billing I

After clicking on Billing in the Homepage screen, users will be navigated to the main screen for Billing. In this screen, users can manage billing by adding new billing and viewing existing billing. The hamburger icon will take users back to Homepage upon clicking. As for the plus icon, it will allow users to add new billing. The search bar allows users to search for billing records by using customer name. Figure 5 shows the main screen for Billing.

## Add Billing

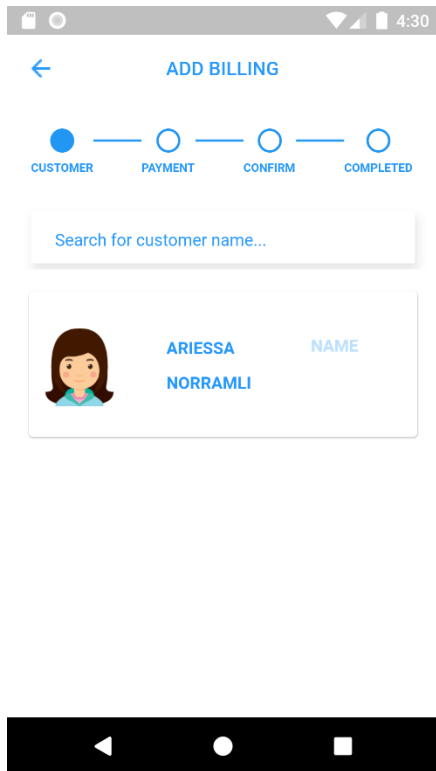


Figure 7. Billing III

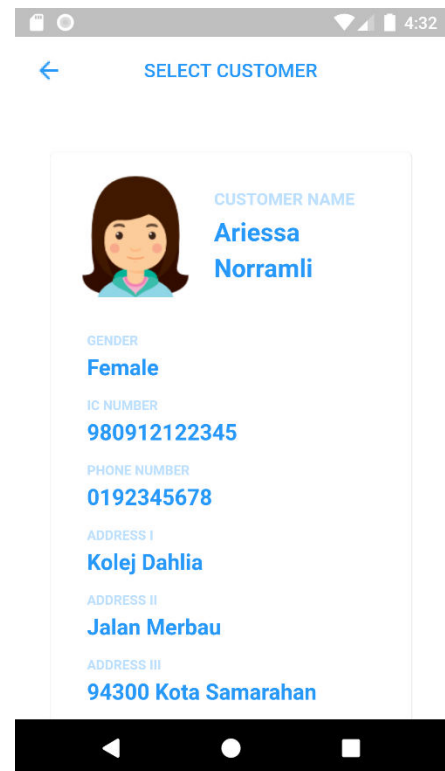


Figure 6. Billing IV

After clicking on the plus icon in the main screen of Billing, users will be presented with Add Billing screen, as shown in Figure 6. Using the search bar, users can search for customer by his or her name. Upon finding the correct customer, users must click on the customer card to navigate to the next screen. Clicking on a customer will display customer details as shown in Figure 7. In order to prevent ambiguity, users need to click on the select button to proceed to the next screen.



**BILLING DETAILS**

CUSTOMER BILLING CONFIRM COMPLETED

Payment Method

Cash

Amount (RM)

Date

Reason

NEXT

Figure 9. Billing V

**CONFIRM BILLING**

CUSTOMER BILLING CONFIRM COMPLETED

RECEIPT FOR  
**Ariessa Norramli**

PAYMENT METHOD  
**Cash**

PHONE NUMBER  
**0192345678**

AMOUNT  
**12.0**

PAYMENT DATE  
**12/27/2019**

REASON  
**Swimming lessons**

Figure 8. Billing VI

After selecting customer, users will be directed to Billing Details screen as shown in Figure 8. Users are required to fill in billing details such as payment method (Cash, Debit / Credit Card, Online Payment), amount (RM), date, and reason. Every detail must be filled in before proceeding to the next screen. Upon filling in valid billing details, users must click on Next button to proceed to Confirm Billing screen.

In the Confirm Billing screen, users will be presented with previously entered billing details such as customer name, payment method, phone number, amount (RM), payment date, and reason. If the billing details are correct, users can click on Submit button.

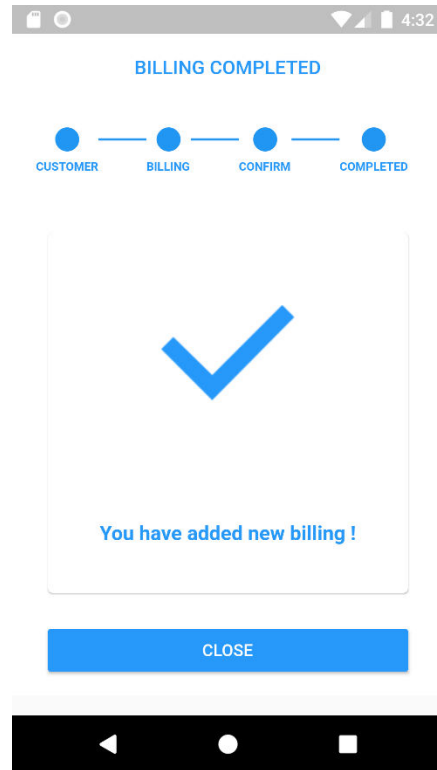


Figure 10. Billing VII

After clicking on Submit button, users will be displayed with Billing Completed screen as shown in Figure 10. In this screen, it will display a message, “You have added new billing!”. Users can click on the Close button to navigate back to the main screen of Billing.

## View Billing

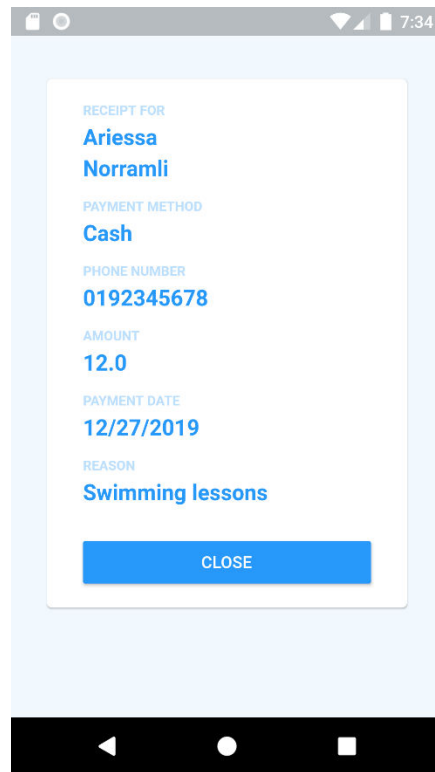


Figure 11. Billing VIII

User can view existing billing details by clicking on the billing card. The billing details are customer name, payment method, phone number, amount (RM), payment date, and reason. Figure 11 shows an example of Billing Details screen.

# Manage Inventory

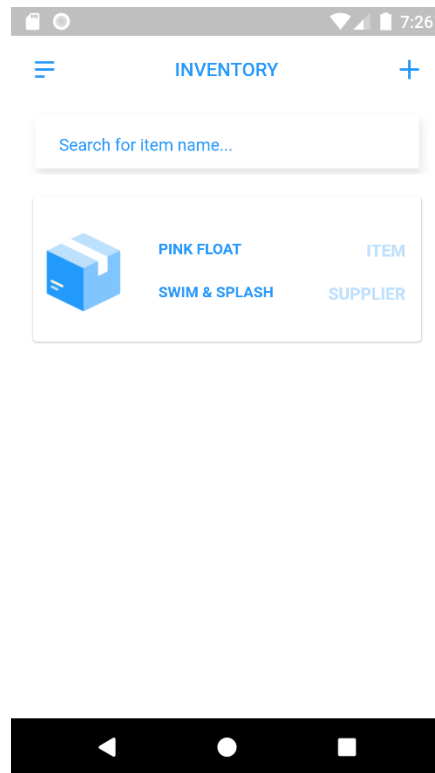


Figure 12. Inventory I

After clicking on Inventory in the Homepage screen, users will be navigated to the main screen for Inventory. In this screen, users can manage inventory by adding new item, viewing existing item, editing item details, and deleting item. The hamburger icon will take users back to Homepage upon clicking. As for the plus icon, it will allow users to add new item. The search bar allows users to search for item records by using item name. Figure 12 shows the main screen for Inventory.

## Add Item

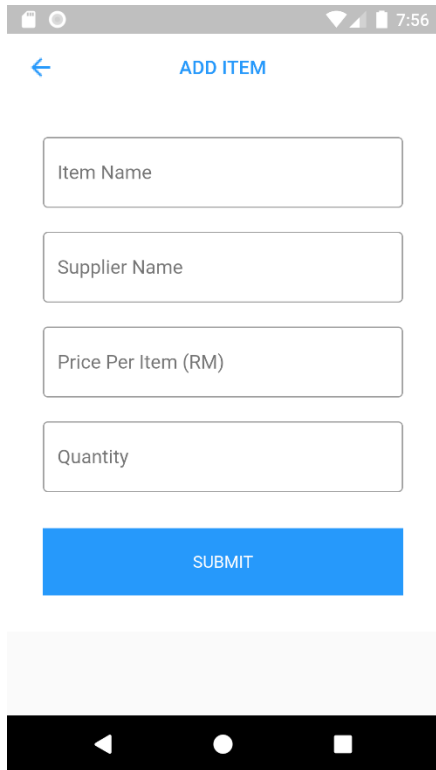


Figure 13. Inventory III

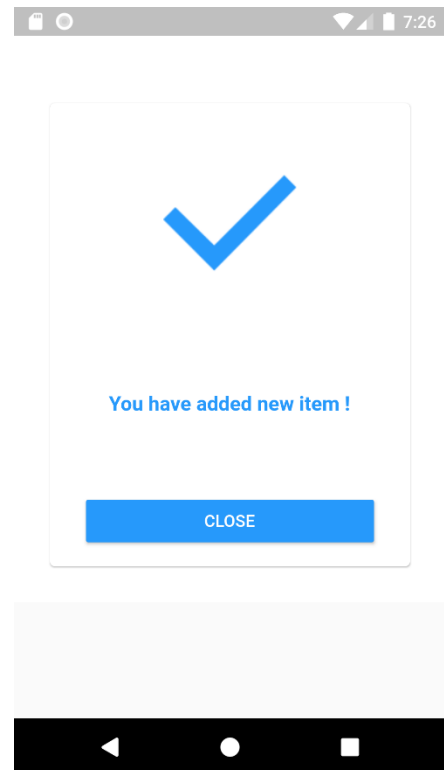


Figure 14. Inventory IV

After clicking on the plus icon in the main screen of Inventory, users will be presented with Add Item screen, as shown in Figure 13. Users are required to enter item details such as item name, supplier name, price per item (RM), and quantity. Upon filling in all details, users must click on Submit button. Users will then be displayed with Item Added screen as shown in Figure 14.

## View Item

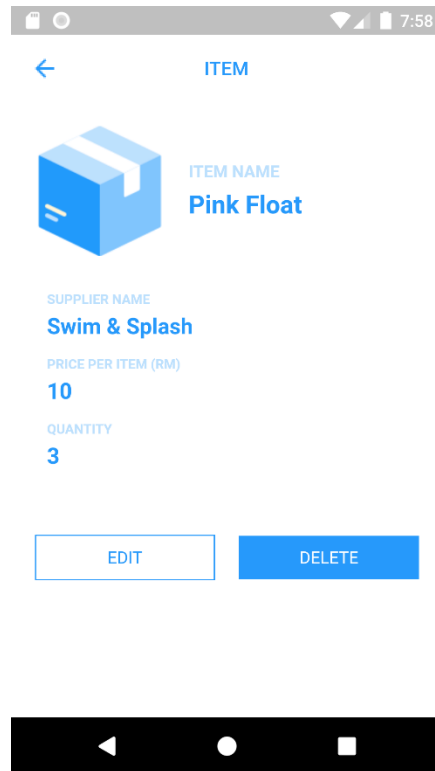


Figure 15. Inventory V

User can view existing item details by clicking on the item card. The item details are item name, supplier name, price per item (RM), and quantity. Figure 5 shows an example of Item Details screen.

## Edit Item

Item Name  
Pink Float

Supplier Name  
Swim & Splash

Price Per Item (RM)  
10

Quantity  
3

SUBMIT

Figure 16. Inventory VI

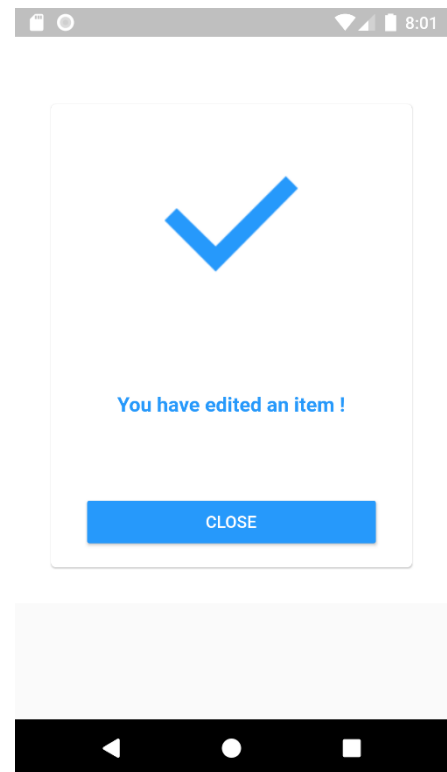


Figure 17. Inventory VII

After clicking on Edit button, users will be presented with a form that is populated with the initial values of item details as shown in Figure 16. Users are required to fill in every form detail before submitting. Once the users click on Submit button, Item Edited screen will be displayed as shown in Figure 17.

## Delete Item

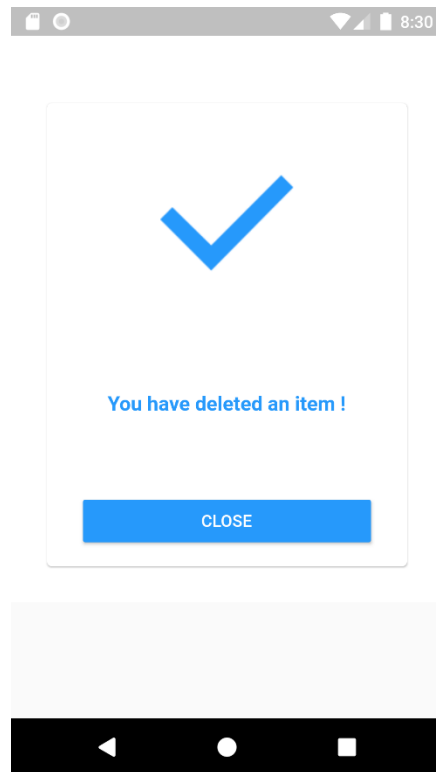


Figure 18. Inventory VIII

In the Item Details screen, users can also choose to delete the item. After clicking the Delete button, users will be presented with Item Deleted screen as shown in Figure 18.



# Manage Customers

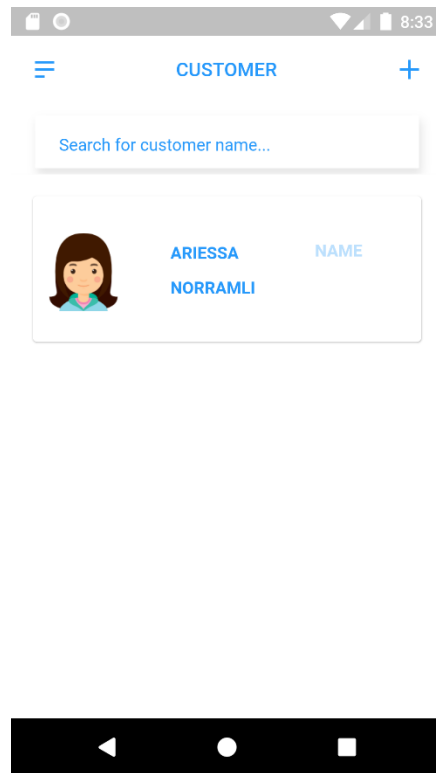


Figure 19. Customer I

After clicking on Customer in the Homepage screen, users will be navigated to the main screen for Customer. In this screen, users can manage customers by adding new customer, viewing existing customer, editing customer details, and deleting customer. The hamburger icon will take users back to Homepage upon clicking. As for the plus icon, it will allow users to add new customer. The search bar allows users to search for customer records by using customer name. Figure 19 shows the main screen for Customer.

## Add Customer

← ADD CUSTOMER

Address Line I

Address Line II

Address Line III

Gender

☒ Male

☐ Female

SUBMIT

Figure 20. Customer II

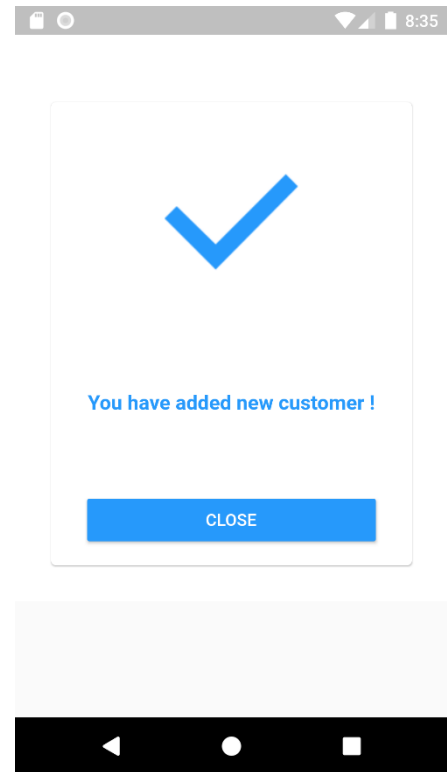


Figure 21. Customer III

After clicking on the plus icon in the main screen of Customer, users will be presented with Add Customer screen, as shown in Figure 20. Users are required to enter customer details such as customer's first name, customer's last name, IC number, phone number, address line I, address line II, address line III, and gender. Upon filling in all details, users must click on Submit button. Users will then be displayed with Customer Added screen as shown in Figure 21.

## View Customer

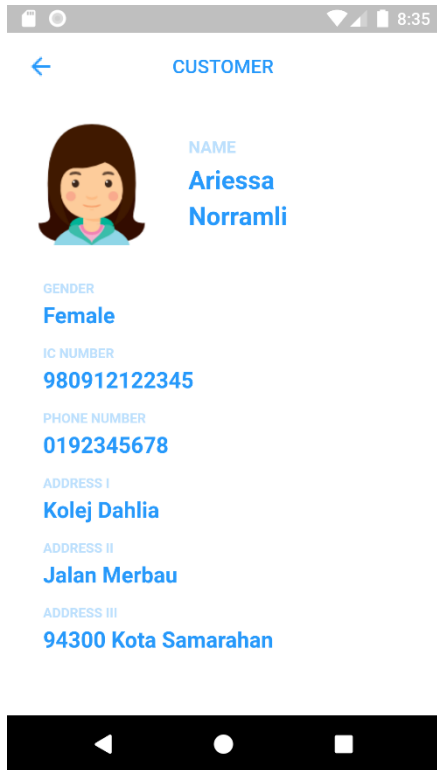


Figure 22. Customer IV

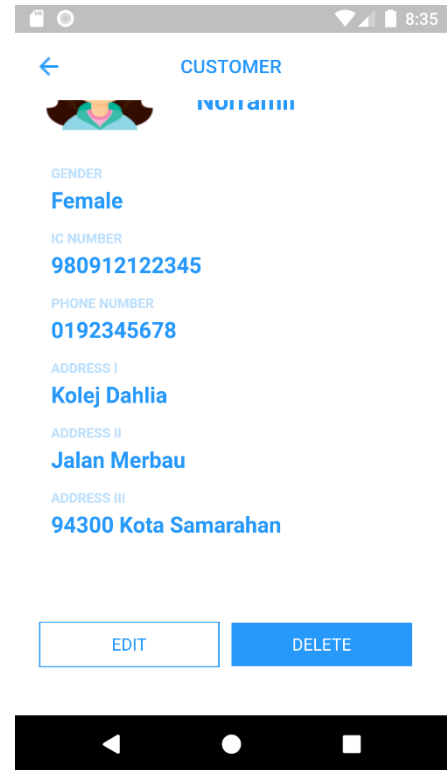


Figure 23. Customer V

User can view existing customer details by clicking on the customer card. The customer details are customer's first name, customer's last name, IC number, phone number, address line I, address line II, address line III, and gender. Figure 22 and Figure 23 shows an example of Customer Details screen.

## Edit Customer

← EDIT CUSTOMER

Kolej Dahlia

Address Line II  
Jalan Merbau

Address Line III  
94300 Kota Samarahan

Gender

☐ Male

☒ Female

SUBMIT

Figure 24. Customer VI

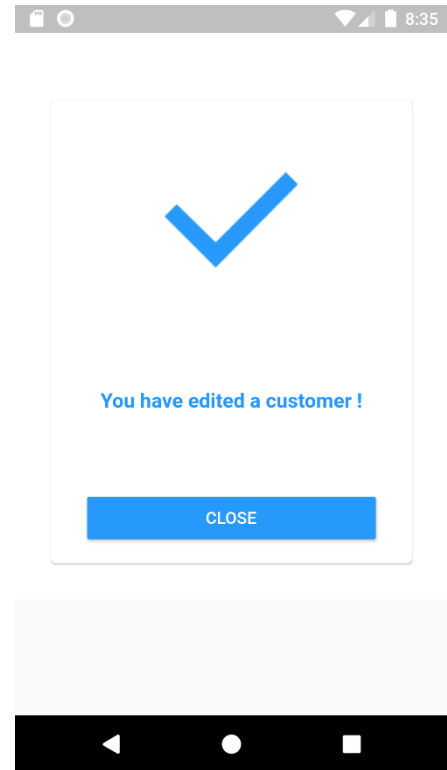


Figure 25. Customer VII

After clicking on Edit button in Customer Details screen, users will be presented with a form that is populated with the initial values of customer details as shown in Figure 24. Users are required to fill in every form detail before submitting. Once the users click on Submit button, Customer Edited screen will be displayed as shown in Figure 25.

## Delete Customer

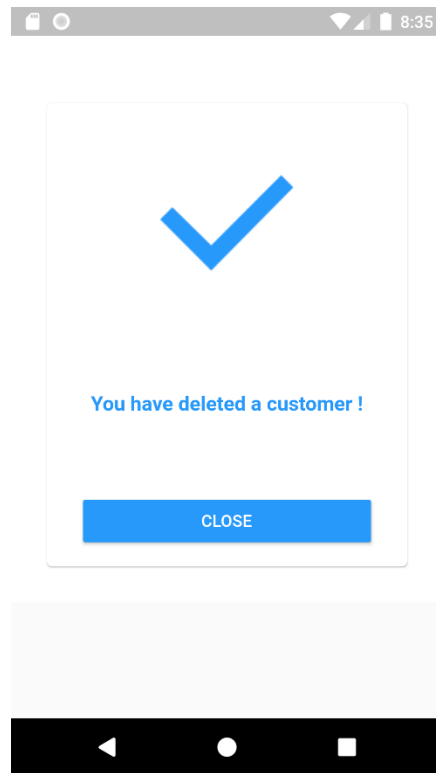


Figure 26. Customer VIII

In the Customer Details screen, users can also choose to delete the customer. After clicking the Delete button, users will be presented with Customer Deleted screen as shown in Figure 26.

# Log Out

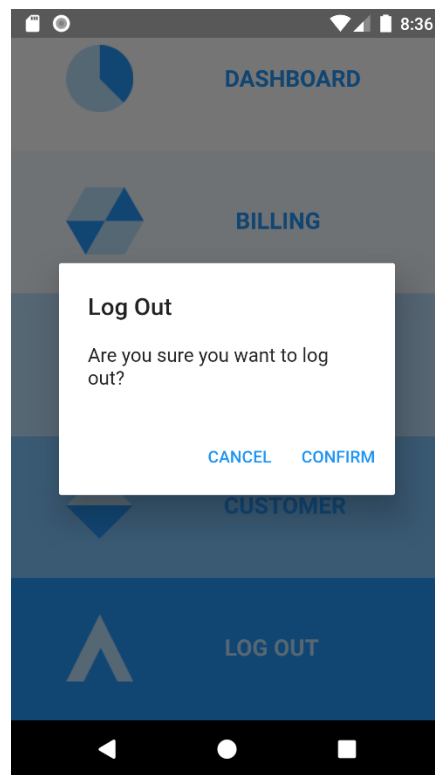


Figure 27. Log Out

In the Homepage screen, users can also choose to log out of the app. After clicking on Log Out, users will be prompted with a message as shown in Figure 27. If the user clicks Confirm, he or she will be log out of the app. Otherwise, the user will still be logged in.