Software Design Specification

**Version 1.6**

Group 6 – Sales manager

**MODIFICATION HISTORY**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Ngày** | **Phiên Bản** | **Mô Tả** | **Tác Giả** | **Sửa Bởi** |
| **10/10/2021** | **1.0** | **Database design** | Ngọc Trường | Ngọc Trường |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

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# **INTRODUCE**

## **Overview**

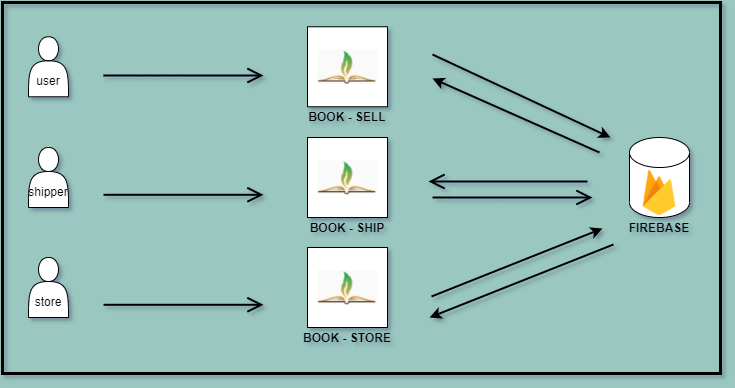
* This application makes it easy for users to order the books they need. Suitable for those who like fast and convenient.
* Make it easy for administrators to use and manage.
* Order quickly and conveniently.
* Shiper is easy to handle delivery and delivery.

## **Limit**

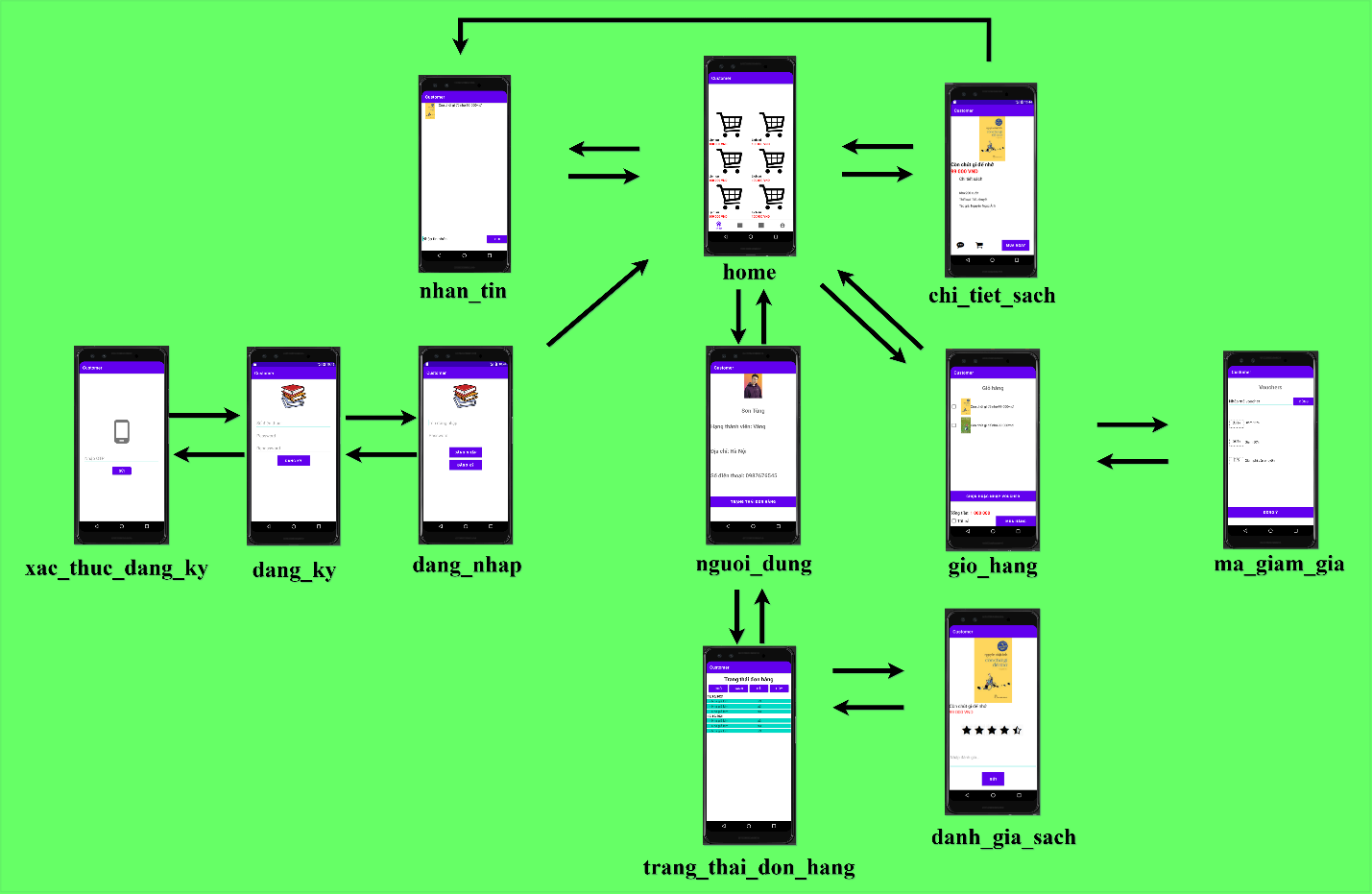
* Operating System: Android 7.0
* Test device: Google Pixel 3
* Display: 1080 X 2160
* Only supports vertical screen
* An internet connection is required

# **SYSTEM DESCRIPTION**

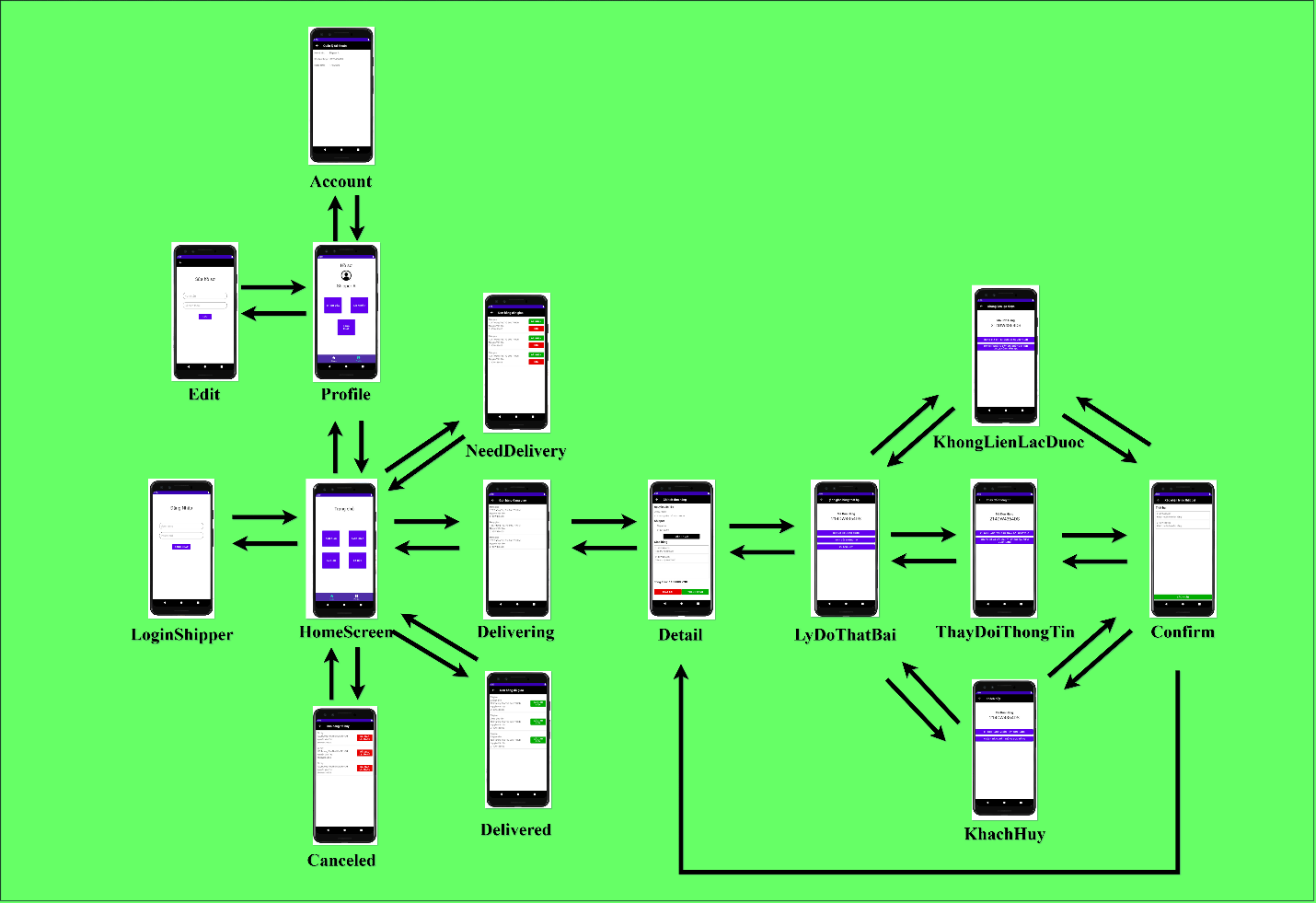
1. **General Architectural Description**
   1. **Overview**



* 1. **Workflow**
* **Customer**

****

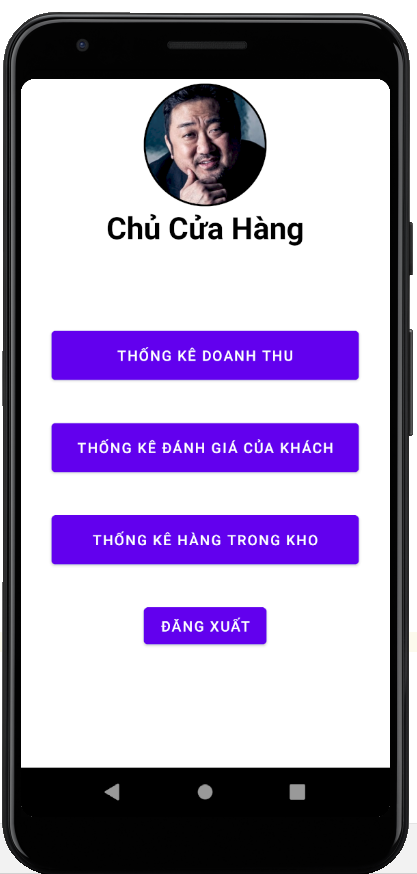
* **Store**
* **Shipper**



# **SYSTEM FUNCTION DESCRIPTION**

## **Features / Components: Store Home Screen**

### **User interface**

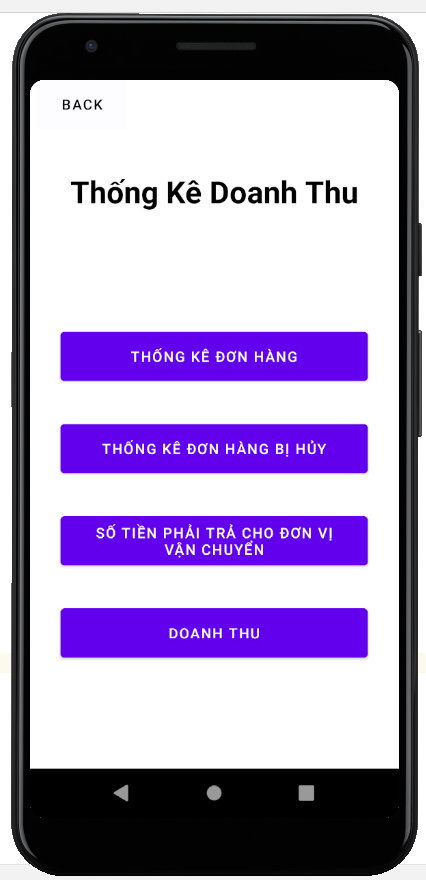


### **Require function**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **Description** | **Behavior** | **Response** |
| **Screen** | Inside the screen include the Administrator's Photo, the administrator's title, the Sales Statistics Button, the Customer Rating Statistics Button, the Inventory Statistics Button and the Log Out Button. | N/A | N/A |
| **Sales Statistics Button** | Click this Button to go to the App's revenue statistics interface. | Click | Go to the revenue statistics interface |
| **Review Statistics Button** | Click this Button to go to the App's evaluation statistics interface. | Click | Go to the evaluation statistics interface |
| **In-stock Statistics Button** | Click this Button to go to the App's inventory statistics interface. | Click | Go to the stock statistics interface |
| **Log Out Button** | Click this Button to log out of the account and switch to the App's login interface. | Click | Log out of your account and return to the login interface |

## **Features / Components: Sales Statistics Screen**

### **User interface**

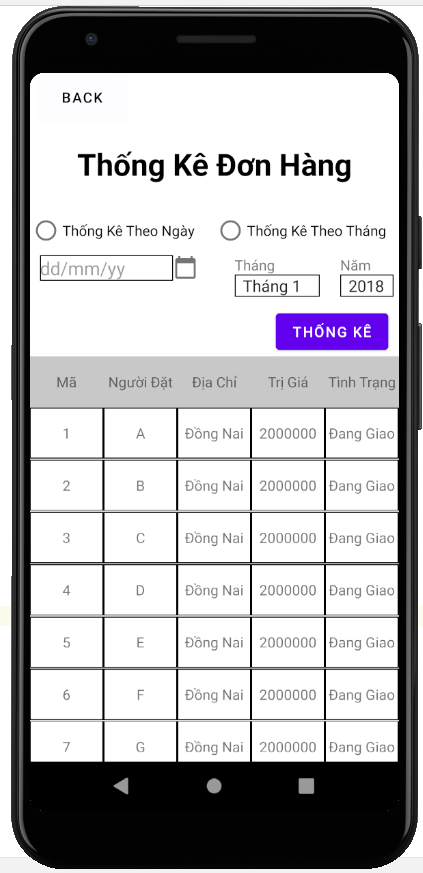


### **Require function**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **Description** | **Behavior** | **Response** |
| **Screen** | Inside the screen include Button Back ,Button Order Statistics, Button Statistics Canceled Orders, Button Amount To Pay For Shipping Units And Button Turnover | Click the Buttons in the screen | N/A |
| **Order Statistics Button** | Click this Button to go to the App's order statistics interface. | Click | Go to the order statistics interface |
| **Canceled Order Statistics Button** | Click this Button to go to the App's canceled order statistics interface. | Click | Go to canceled order statistics interface |
| **Button Amount To Pay For Shipping Unit** | Click this Button to go to the App's billing statistics interface. | Click | Go to the payment statistics interface for the shipping unit |
| **Revenue Button** | Click this Button to switch to App revenue interface. | Click | Go to the revenue interface |
| **Button Back** | Click to return to the Revenue Statistics interface | Click | Go to the store owner interface |

## **Features / Components: Order Statistics Screen**

### **User interface**

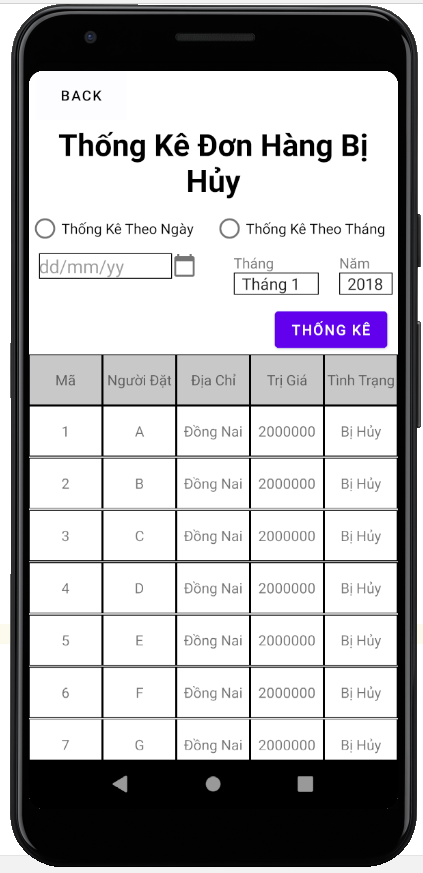


### **Require function**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **Description** | **Behavior** | **Response** |
| **Screen** | Inside the screen include Button Back , TextView Order Statistics, RadioButton Statistics By Date, RadioButton Statistics By Month, DateTime Date May, ComboBox Month, ComboBox Year, Button Statistics,  TextView Date May, TextView Month, TextView Year, Table Statistical Data. Objects such as DateTime Date May, ComboBox Month, ComboBox Year will be locked if one of the two Radio Buttons is not selected for daily statistics and monthly statistics. | Click the Buttons, RadioButtons, ComboBoxes in the screen | N/A |
| **TextView Order Statistics** | Show the title of the interface | Display | Show the title |
| **Text View Date May** | Display title for DateTime object Date May | Display | Show the title |
| **Text View Month** | Display title for ComboBox object Month | Display | Show the title |
| **Text View Year** | Display title for ComboBox object Year | Display | Show the title |
| **RadioButton Statistics By Day** | Tick ​​it to tell the application to list orders by date and to allow the DateTime object to be unlocked. | Check | Set a date-based statistical requirement and unlock the ability to interact with the DateTime object May Day. |
| **RadioButton Monthly Statistics** | Tick ​​to ask the application to list orders by month and allow to unlock the ComboBox Month and ComboBox Year objects . | Check | Set a monthly statistical requirement and unlock the ability to interact with the ComboBox Month and ComboBox Year objects .. |
| **DateTime Date May** | Click on select a specific date to ask the application to order statistics for the selected day. | Click | Displays the date the user has just selected to request order statistics by date |
| **ComboBox Monthly** | Click to select the month in which the user wants to record orders according to the previously selected month | Click | Display the month the user has just selected to request order statistics for the previously selected month |
| **ComboBox Five** | Click to select the Year in which the user wants order statistics according to the previously selected month | Click | Displays the location that the user has just selected to request order statistics for the previously selected month |
| **Stats Button** | Click to start sending the request that the user has set to get the data and fill in the statistical data table | Click | The data is compiled according to the previously set requirements |
| **Statistical Data Table** | This table is used to display the statistical data requested by the user. The table includes columns of information such as, Order ID, Orderer, Address, Value, Status | Display | The data will be displayed inside the table in rows and columns |
| **Button Back** | Click to return to the Revenue Statistics interface | Click | Go to the revenue statistics interface |

## **Features / Components: Canceled Order Statistics Screen**

### **User interface**

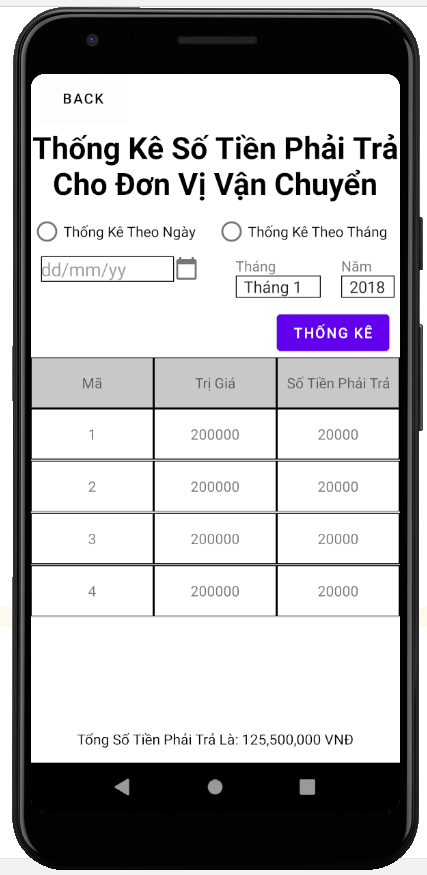


### **Require function**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **Description** | **Behavior** | **Response** |
| **Screen** | Inside the screen include Button Back , TextView Canceled Order Statistics, RadioButton Statistics By Date, RadioButton Statistics By Month, DateTime Date May, ComboBox Month, ComboBox Year, Button Statistics,  TextView Date May, TextView Month, TextView Year, Table Statistical Data. Objects such as DateTime Date May, ComboBox Month, ComboBox Year will be locked if one of the two Radio Buttons is not selected for daily statistics and monthly statistics. | Click the Buttons, RadioButtons, ComboBoxes in the screen | N/A |
| **TextView Canceled Order Statistics** | Show the title of the interface | Display | Show the title |
| **Text View Date May** | Display title for DateTime object Date May | Display | Show the title |
| **Text View Month** | Display title for ComboBox object Month | Display | Show the title |
| **Text View Year** | Display title for ComboBox object Year | Display | Show the title |
| **RadioButton Statistics By Day** | Tick ​​it to tell the application to count canceled orders by date and allow the DateTime object to be unlocked. | Check | Set a date-based statistical requirement and unlock the ability to interact with the DateTime object May Day. |
| **RadioButton Monthly Statistics** | Tick ​​to request the application to list canceled orders by month and allow to unlock the ComboBox Month and ComboBox objects . | Check | Set a monthly statistical requirement and unlock the ability to interact with the ComboBox Month and ComboBox Year objects.. |
| **DateTime Date May** | Click on select a specific date to request the application to list the canceled orders on the selected date. | Click | Displays the date the user has just selected to request statistics of canceled orders by date |
| **ComboBox Monthly** | Click to select the month in which the user wants to record canceled orders according to the previously selected month | Click | Display the month that the user has just selected to request statistics of canceled orders according to the previously selected month |
| **ComboBox Five** | Click to select the Year in which the user wants to record canceled orders according to the previously selected month | Click | Displays the location that the user has just selected to request the statistics of canceled orders according to the previously selected month |
| **Stats Button** | Click to start sending the request that the user has set to get the data and fill in the statistical data table | Click | The data is compiled according to the previously set requirements |
| **Statistical Data Table** | This table is used to display the statistical data requested by the user. The table includes columns of information such as, Order ID, Orderer, Address, Value, Status | Display | The data will be displayed inside the table in rows and columns |
| **Button Back** | Click to return to the Revenue Statistics interface | Click | Go to the revenue statistics interface |

## **Features / Components: Statistical screen of the amount payable to the shipping unit**

### **User interface**

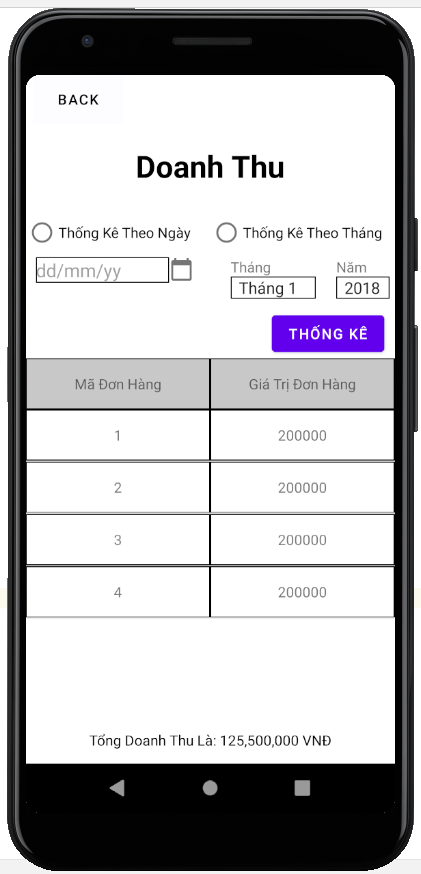


### **Require function**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **Description** | **Behavior** | **Response** |
| **Screen** | Inside the screen include Button Back , TextView Statistics Payable for Shipping Units, RadioButton Statistics By Day, RadioButton Statistics By Month, DateTime May Day, ComboBox Month, ComboBox Year, Button Statistics,  TextView Date May, TextView Month, TextView Year,  TextView Amount To Pay For Shipping, Table Of Statistical Data. Objects such as DateTime Date May, ComboBox Month, ComboBox Year will be locked if one of the two Radio Buttons is not selected for daily statistics and monthly statistics. | Click the Buttons, RadioButtons, ComboBoxes in the screen | N/A |
| **TextView Statistics Payable for Shipping Units** | Show the title of the interface | Display | Show the title |
| **Text View Date May** | Display title for DateTime object Date May | Display | Show the title |
| **Text View Month** | Display title for ComboBox object Month | Display | Show the title |
| **Text View Year** | Display title for ComboBox object Year | Display | Show the title |
| **RadioButton Statistics By Day** | Tick ​​to ask the application to calculate the amount to be transferred to the carrier by date and to allow the DateTime object to be unlocked. | Check | Set a date-based statistical requirement and unlock the ability to interact with the DateTime object May Day. |
| **RadioButton Monthly Statistics** | Tick ​​to ask the application to calculate the amount to be transferred to the shipping unit by month and allows unlocking the ComboBox Month and ComboBox Year objects . | Check | Set a monthly statistical requirement and unlock the ability to interact with the ComboBox Month and ComboBox Year objects.. |
| **DateTime Date May** | Click on select a specific date to ask the application to calculate the amount to be transferred to the shipping unit on the selected date. | Click | Displays the date the user has just selected to request statistics of the amount to be transferred to the carrier according to the selected date |
| **ComboBox Monthly** | Click to select the month in which the user wants to calculate the amount to be transferred to the shipping unit according to the previously selected month | Click | Displays the month that the user has just selected to request statistics of the amount to be transferred to the shipping unit according to the previously selected month |
| **ComboBox Five** | Click to select the Year in which the user wants to calculate the amount to be transferred to the shipping unit according to the previously selected month | Click | Displays the location that the user has just selected to request the statistics of the amount to be transferred to the shipping unit according to the previously selected month |
| **Stats Button** | Click to start sending the request that the user has set to get the data and fill in the statistical data table | Click | The data is compiled according to the previously set requirements |
| **Statistical Data Table** | This table is used to display the statistical data requested by the user. The table includes columns of information such as, Order ID, Value, Amount Payable | Display | The data will be displayed inside the table in rows and columns |
| **Button Back** | Click to return to the Revenue Statistics interface | Click | Go to the revenue statistics interface |
| **TextView Amount To Pay For Shipping** | Display the total payable by day or by month | Display | Show total payable |

## **Features / Components: Sales Statistics Screen**

### **User interface**

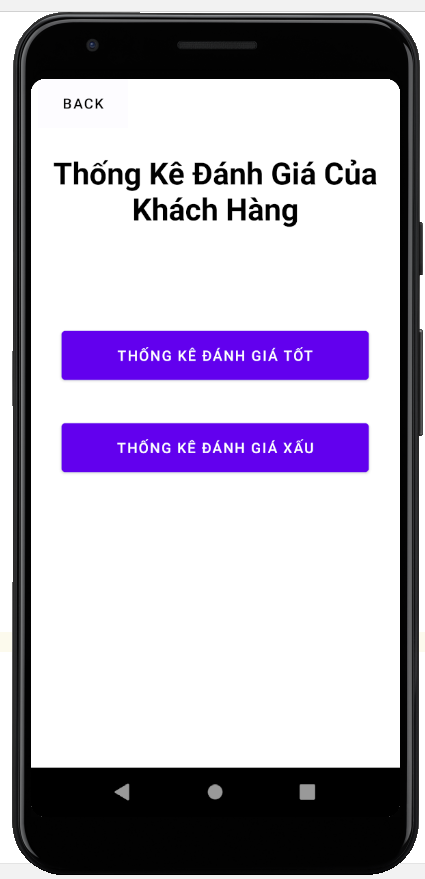


### **Require function**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **Description** | **Behavior** | **Response** |
| **Screen** | Inside the screen include Button Back , TextView Sales Statistics, RadioButton Statistics By Date, RadioButton Statistics By Month, DateTime Date May, ComboBox Month, ComboBox Year, Button Statistics,  TextView Date May, TextView Month, TextView Year,  TextView Total Revenue, Table of Statistical Data. Objects such as DateTime Date May, ComboBox Month, ComboBox Year will be locked if one of the two Radio Buttons is not selected for daily statistics and monthly statistics. | Click the Buttons, RadioButtons, ComboBoxes in the screen | N/A |
| **TextView Revenue** | Show the title of the interface | Display | Show the title |
| **Text View Date May** | Display title for DateTime object Date May | Display | Show the title |
| **Text View Month** | Display title for ComboBox object Month | Display | Show the title |
| **Text View Year** | Display title for ComboBox object Year | Display | Show the title |
| **RadioButton Statistics By Day** | Tick ​​it to ask the application to calculate the revenue by date and allow the DateTime object to be unlocked. | Check | Set a date-based statistical requirement and unlock the ability to interact with the DateTime object May Day. |
| **RadioButton Monthly Statistics** | Tick ​​to request the application to calculate the monthly revenue and allow the ComboBox Month and ComboBox Year objects to be unlocked . | Check | Set a monthly statistical requirement and unlock the ability to interact with the ComboBox Month and ComboBox Year objects.. |
| **DateTime Date May** | Click on select a specific date to ask the application for revenue statistics for the selected day. | Click | Display the date selected by the user to request sales statistics for the selected date |
| **ComboBox Monthly** | Click to select the month in which the user wants the revenue statistics for the previously selected month | Click | Displays the month the user has just selected to request revenue statistics for the previously selected month |
| **ComboBox Five** | Click to select the Year in which the user wants the revenue statistics for the previously selected month | Click | Displays the location that the user has just selected to request revenue statistics for the previously selected month |
| **Stats Button** | Click to start sending the request that the user has set to get the data and fill in the statistical data table | Click | The data is compiled according to the previously set requirements |
| **Statistical Data Table** | This table is used to display the statistical data requested by the user. The table includes columns of information such as, Order ID, Value, Amount Payable | Display | The data will be displayed inside the table in rows and columns |
| **Button Back** | Click to return to the Revenue Statistics interface | Click | Go to the revenue statistics interface |
| **TextView Total Revenue** | Display total sales by day or by month | Display | Show total revenue |

## **Features / Components: Customer Rating Statistics Screen**

### **User interface**

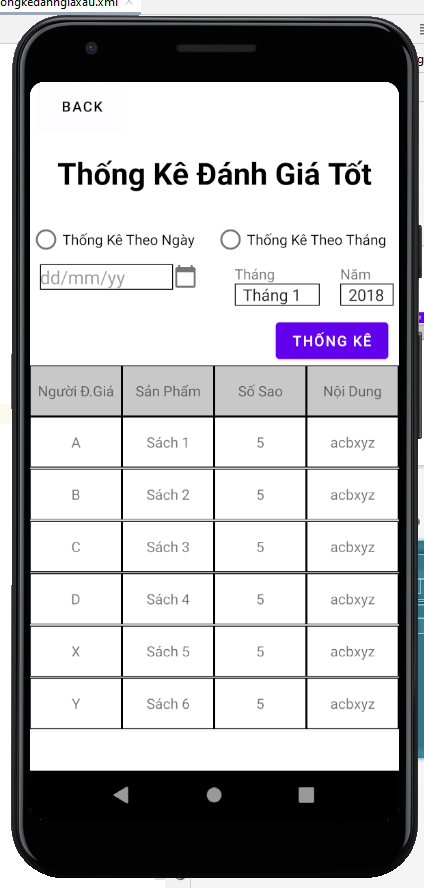


### **Require function**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **Description** | **Behavior** | **Response** |
| **Screen** | Inside the screen include Button Back , TextView Customer Review Statistics, Button, Good Review Button, Bad Review Button | Click the Buttons in the screen | N/A |
| **Good Review Button** | Click this Button to go to the statistics interface of good customer reviews. | Click | Go to the good reviews statistics interface |
| **Bad Rating Statistics Button** | Click this Button to go to the statistics interface of bad customer reviews. | Click | Go to the bad reviews statistics interface |
| **Text View Customer Rating Statistics** | Show the title of the interface | Click | Show interface title |
| **Button Back** | Click to return to the main interface of the store owner authorization | Click | Go to the main interface of the store owner decentralization |

## **Features / Components: Good Rating Stats Monitor**

### **User interface**

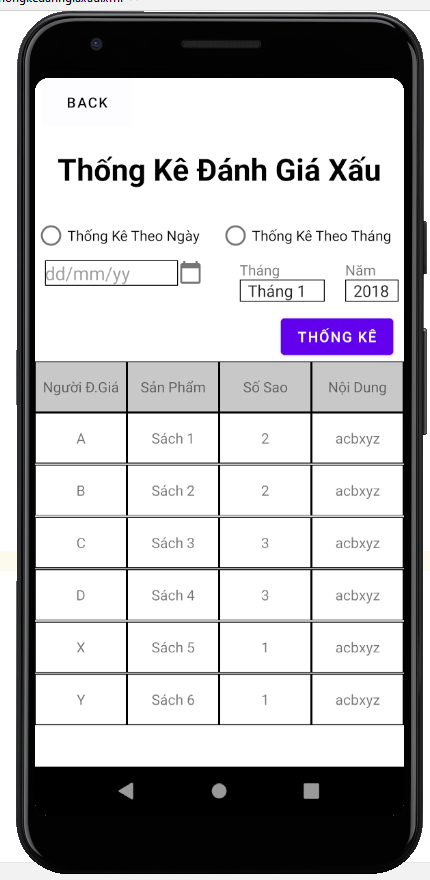


### **Require function**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **Description** | **Behavior** | **Response** |
| **Screen** | Inside the screen include Button Back , TextView Stats Good Rating, RadioButton Statistics By Date, RadioButton Statistics By Month, DateTime Date May, ComboBox Month, ComboBox Year, Button Statistics,  TextView Date May, TextView Month, TextView Year,  TextView Total Revenue, Table of Statistical Data. Objects such as DateTime Date May, ComboBox Month, ComboBox Year will be locked if one of the two Radio Buttons is not selected for daily statistics and monthly statistics. | Click the Buttons, RadioButtons, ComboBoxes in the screen | N/A |
| **TextView Statistics Good Review** | Show the title of the interface | Display | Show the title |
| **Text View Date May** | Display title for DateTime object Date May | Display | Show the title |
| **Text View Month** | Display title for ComboBox object Month | Display | Show the title |
| **Text View Year** | Display title for ComboBox object Year | Display | Show the title |
| **RadioButton Statistics By Day** | Tick ​​it to tell the statistical application to rate well by date and to allow the DateTime object to be unlocked. | Check | Set a date-based statistical requirement and unlock the ability to interact with the DateTime object May Day. |
| **RadioButton Monthly Statistics** | Tick ​​to ask the application to calculate the good rating by month and allow to unlock the ComboBox Month and ComboBox Year objects . | Check | Set a monthly statistical requirement and unlock the ability to interact with the ComboBox Month and ComboBox Year objects.. |
| **DateTime Date May** | Click to select a specific date to ask the application for good evaluation statistics according to the selected date. | Click | Display the date the user has just selected to request good rating statistics according to the selected date |
| **ComboBox Monthly** | Click to select the month in which the user wants good statistics according to the previously selected month | Click | Display the month that the user has just selected to request good review statistics according to the previously selected month |
| **ComboBox Five** | Click to select the Year in which the user wants good review statistics according to the previously selected month | Click | Displays the location that the user has just selected to ask for good rating statistics according to the previously selected month |
| **Stats Button** | Click to start sending the request that the user has set to get the data and fill in the statistical data table | Click | The data is compiled according to the previously set requirements |
| **Statistical Data Table** | This table is used to display the statistical data requested by the user. The table includes columns of information such as, Reviewer, Product Name, Number of Stars, Review Content | Display | The data will be displayed inside the table in rows and columns |
| **Button Back** | Click to return to the Customer Rating Statistics interface | Click | Go to the customer rating statistics interface |

## **Features / Components: Good Rating Stats Monitor**

### **User interface**

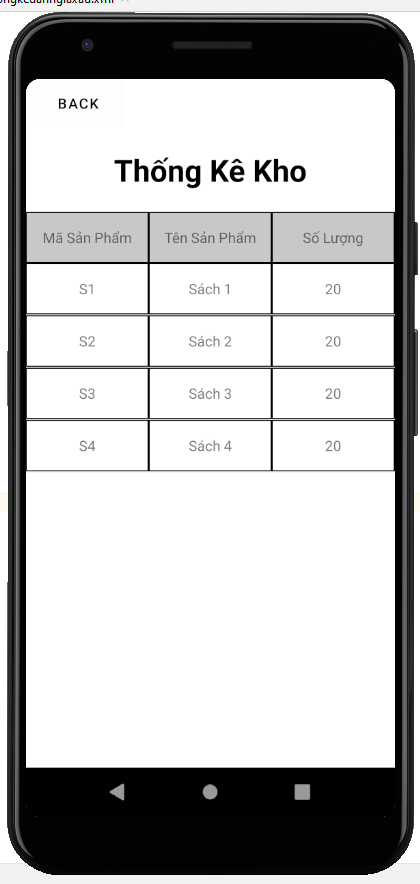


### **Require function**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **Description** | **Behavior** | **Response** |
| **Screen** | Inside the screen include Button Back , TextView Bad Rating Statistics, RadioButton Statistics By Date, RadioButton Statistics By Month, DateTime Date May, ComboBox Month, ComboBox Year, Button Statistics,  TextView Date May, TextView Month, TextView Year,  TextView Total Revenue, Table of Statistical Data. Objects such as DateTime Date May, ComboBox Month, ComboBox Year will be locked if one of the two Radio Buttons is not selected for daily statistics and monthly statistics. | Click the Buttons, RadioButtons, ComboBoxes in the screen | N/A |
| **TextView Bad Rating Stats** | Show the title of the interface | Display | Show the title |
| **Text View Date May** | Display title for DateTime object Date May | Display | Show the title |
| **Text View Month** | Display title for ComboBox object Month | Display | Show the title |
| **Text View Year** | Display title for ComboBox object Year | Display | Show the title |
| **RadioButton Statistics By Day** | Tick ​​it to tell the application to report bad rating by date and to allow the DateTime object to be unlocked. | Check | Set a date-based statistical requirement and unlock the ability to interact with the DateTime object May Day. |
| **RadioButton Monthly Statistics** | Tick ​​to ask the application to calculate the bad rating by month and allow to unlock the ComboBox Month and ComboBox Year objects . | Check | Set a monthly statistical requirement and unlock the ability to interact with the ComboBox Month and ComboBox Year objects.. |
| **DateTime Date May** | Click to select a specific date to ask the application to report bad reviews according to the selected date. | Click | Displays the date the user has just selected to request bad review statistics according to the selected date |
| **ComboBox Monthly** | Click to select the month in which the user wants the bad rating statistics according to the previously selected month | Click | Displays the month the user has just selected to request bad review statistics according to the previously selected month |
| **ComboBox Five** | Click to select the Year in which the user wants bad rating statistics according to the previously selected month | Click | Display the location that the user has just selected to ask for bad review statistics according to the previously selected month |
| **Stats Button** | Click to start sending the request that the user has set to get the data and fill in the statistical data table | Click | The data is compiled according to the previously set requirements |
| **Statistical Data Table** | This table is used to display the statistical data requested by the user. The table includes columns of information such as, Reviewer, Product Name, Number of Stars, Review Content | Display | The data will be displayed inside the table in rows and columns |
| **Button Back** | Click to return to the Customer Rating Statistics interface | Click | Go to the customer rating statistics interface |

## **Features / Components: Inventory Monitor**

### **User interface**

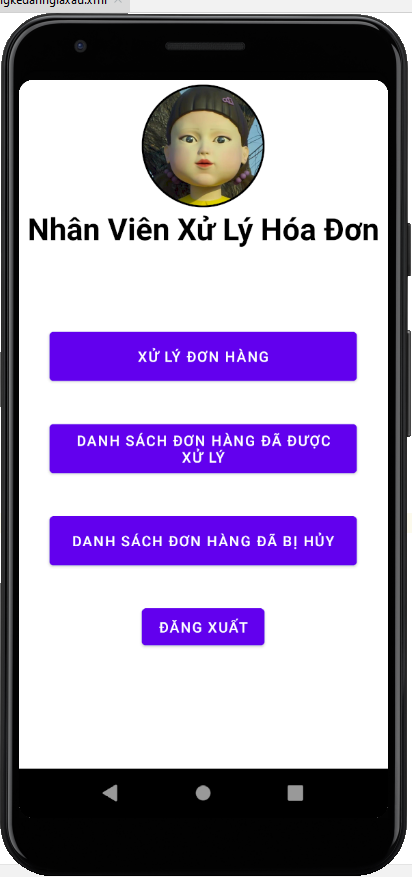


### **Require function**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **Description** | **Behavior** | **Response** |
| **Screen** | Inside the screen include Button Back , TextView Inventory Statistics, Table of Statistical Data | Click the Buttons in the screen | N/A |
| **Statistical Data Table** | This table is used to display statistical data as soon as you enter the interface. The table includes columns of information such as Product Code, Product Name, Remaining Quantity | Display | The data will be displayed inside the table in rows and columns |
| **Text View Statistics** | Show the title of the interface | Click | Show interface title |
| **Button Back** | Click to return to the Shop Owner interface | Click | Go to inventory statistics interface |

## **Features / Components: Handler Monitor**

### **User interface**

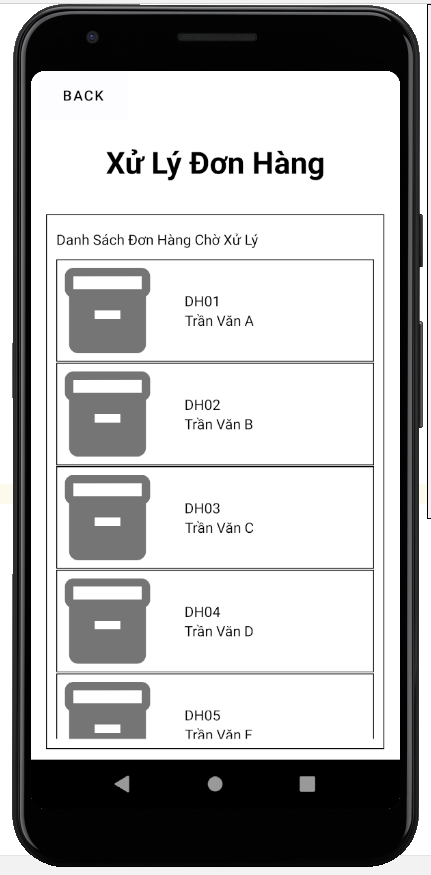


### **Require function**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **Description** | **Behavior** | **Response** |
| **Screen** | Inside the screen include the Administrator's Photo, the administrator's title, the Order Processing Button, the Processed Order List Button, the Canceled Order List Button and the Log Out Button. | Click the Buttons in the screen | N/A |
| **Order Processing Button** | Click this Button to go to the App's order processing interface. | Click | Go to the order processing interface |
| **Processed Order List Button** | Click this Button to go to the App's processed orders interface. | Click | Go to the processed orders interface |
| **Canceled Order List Button** | Click this Button to go to the App's canceled order list interface. | Click | Go to the canceled order list interface |
| **Log Out Button** | Click this Button to log out of the account and switch to the App's login interface. | Click | Log out of your account and return to the login interface |

## **Features / Components: Order Processing Screen**

### **User interface**

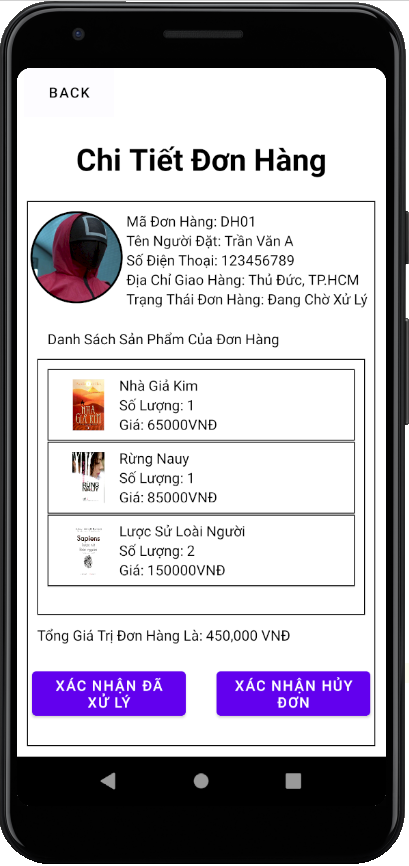


### **Require function**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **Description** | **Behavior** | **Response** |
| **Screen** | Inside the screen includes Button Back, TextView Order Processing, TextView List of Pending Orders and ViewGroups with information of pending orders. | Click the Buttons in the screen | N/A |
| **TextView Order Processing** | Show title for interface | Display | Show interface title |
| **TextView List of Pending Orders** | Display title for pending order ViewGroup objects | Display | Show title for list of pending orders |
| **Log Out Button** | Click this Button to log out of the account and switch to the App's login interface. | Click | Log out of your account and return to the login interface |
| **ViewGroup Pending Orders** | Inside View Group includes order icon, Order ID TextView, Orderer TextView. With each ViewGroup representing a pending order, clicking on one of the ViewGroups will take you to the order details page that the ViewGroup displays. | Click | Go to order details page |
| **Button Back** | Click to return to the handler interface | Click | Go to handler interface |

## **Features / Components: Order Detail Screen**

### **User interface**

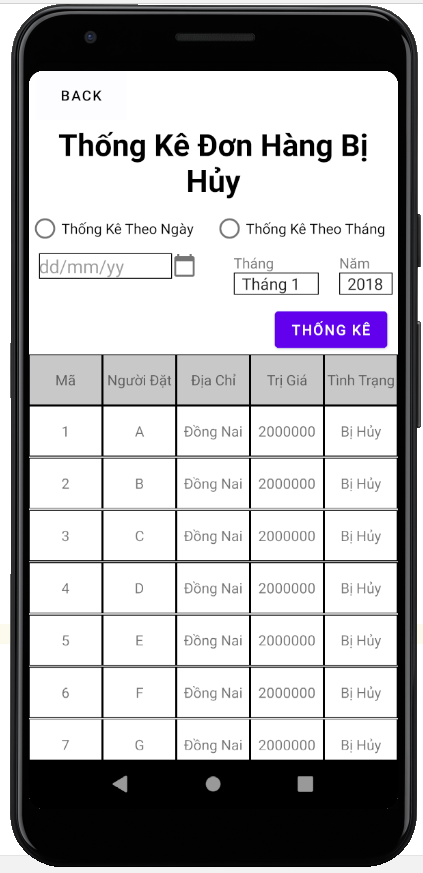


### **Require function**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **Description** | **Behavior** | **Response** |
| **Screen** | Inside the screen include the Back Button, Order Detail TextView, Order Details ViewGroup, Order Product Information ViewGroups, Product List TextView, Order Total Value TextView, Processed Confirmation Button Reason, Confirm Order Cancellation | Click the Buttons in the screen | N/A |
| **TextView Order Details** | Show title for interface | Display | Show interface title |
| **TextView Product List** | Display the title for the product ViewGroup objects of the order | Display | Display title for ViewGroup objects |
| **Text View Total Order Value** | Display the total value of the order | Display | Display the total value of the order |
| **ViewGroup Booking Information** | Inside the View Group includes the person's account avatar, Order ID TextView, Orderer Name TextView, Phone Number TextView, Address TextView, Order Status TextView. This ViewGroup is used to display information of the person placing the order. | Display | Display information of the person placing the order |
| **ViewGroup product information of the order** | Inside the View Group include the product's photo, TextView Product Name, TextView Number of User Sets, TextView Price Of Product. This ViewGroup is used to display detailed information of each product inside the order | Display | Display product information inside the order |
| **Confirmation Processed Button** | Click to send confirmation that this order has been processed | Click | Show processing confirmation message, this message allows to choose yes or no. If you select yes, a confirmation message of successful order processing will be displayed and a Close Button will close the message. If you choose not, it will close the notification and do nothing |
| **Cancellation Confirmation Button** | Click to send confirmation that this order will be cancelled | Click | Show a confirmation message to cancel the order, this message allows you to choose yes or no. If you choose yes, a confirmation message will be displayed to confirm the successful order cancellation and a Close Button to close the notification. If you choose not, it will close the notification and do nothing |
| **Button Back** | Click to return to the order processing interface | Click | Go to the order processing interface |

## **Features / Components: Canceled Order List Screen**

### **User interface**

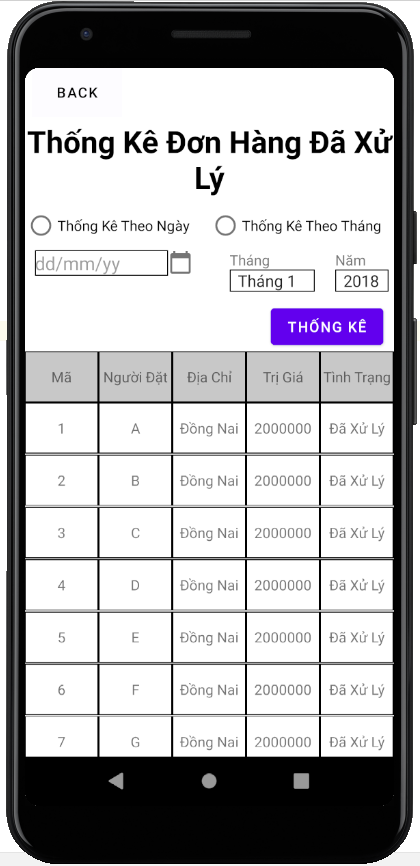


### **Require function**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **Description** | **Behavior** | **Response** |
| **Screen** | Inside the screen include Button Back , TextView Statistics Canceled Order List, RadioButton Statistics By Date, RadioButton Statistics By Month, DateTime Date May, ComboBox Month, ComboBox Year, Button Statistics,  TextView Date May, TextView Month, TextView Year, Table Statistical Data. Objects such as DateTime Date May, ComboBox Month, ComboBox Year will be locked if one of the two Radio Buttons is not selected for daily statistics and monthly statistics. | Click the Buttons, RadioButtons, ComboBoxes in the screen | N/A |
| **TextView List of Canceled Orders** | Show the title of the interface | Display | Show the title |
| **Text View Date May** | Display title for DateTime object Date May | Display | Show the title |
| **Text View Month** | Display title for ComboBox object Month | Display | Show the title |
| **Text View Year** | Display title for ComboBox object Year | Display | Show the title |
| **RadioButton Statistics By Day** | Tick ​​it to tell the application to count canceled orders by date and allow the DateTime object to be unlocked. | Check | Set a date-based statistical requirement and unlock the ability to interact with the DateTime object May Day. |
| **RadioButton Monthly Statistics** | Tick ​​to request the application to list canceled orders by month and allow to unlock the ComboBox Month and ComboBox objects . | Check | Set a monthly statistical requirement and unlock the ability to interact with the ComboBox Month and ComboBox Year objects.. |
| **DateTime Date May** | Click on select a specific date to request the application to list the canceled orders on the selected date. | Click | Displays the date the user has just selected to request statistics of canceled orders by date |
| **ComboBox Monthly** | Click to select the month in which the user wants to record canceled orders according to the previously selected month | Click | Display the month that the user has just selected to request statistics of canceled orders according to the previously selected month |
| **ComboBox Five** | Click to select the Year in which the user wants to record canceled orders according to the previously selected month | Click | Displays the location that the user has just selected to request the statistics of canceled orders according to the previously selected month |
| **Stats Button** | Click to start sending the request that the user has set to get the data and fill in the statistical data table | Click | The data is compiled according to the previously set requirements |
| **Statistical Data Table** | This table is used to display the statistical data requested by the user. The table includes columns of information such as, Order ID, Orderer, Address, Value, Status | Display | The data will be displayed inside the table in rows and columns |
| **Button Back** | Click to return to the handler interface | Click | Go to handler interface |

## **Features / Components: Processed Order List Screen**

### **User interface**



### **Require function**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **Description** | **Behavior** | **Response** |
| **Screen** | Inside the screen include Button Back , TextView List of Processed Orders, RadioButton Statistics By Date, RadioButton Statistics By Month, DateTime Date May, ComboBox Month, ComboBox Year, Button Statistics,  TextView Date May, TextView Month, TextView Year, Table Statistical Data. Objects such as DateTime Date May, ComboBox Month, ComboBox Year will be locked if one of the two Radio Buttons is not selected for daily statistics and monthly statistics. | Click the Buttons, RadioButtons, ComboBoxes in the screen | N/A |
| **TextView List of Processed Orders** | Show the title of the interface | Display | Show the title |
| **Text View Date May** | Display title for DateTime object Date May | Display | Show the title |
| **Text View Month** | Display title for ComboBox object Month | Display | Show the title |
| **Text View Year** | Display title for ComboBox object Year | Display | Show the title |
| **RadioButton Statistics By Day** | Tick ​​it to ask the application to list processed orders by date and to allow the DateTime object to be unlocked. | Check | Set a date-based statistical requirement and unlock the ability to interact with the DateTime object May Day. |
| **RadioButton Monthly Statistics** | Tick ​​to ask the application to list the processed orders by month and allow the ComboBox Month and ComboBox Year objects to be unlocked . | Check | Set a monthly statistical requirement and unlock the ability to interact with the ComboBox Month and ComboBox Year objects.. |
| **DateTime Date May** | Click on select a specific date to ask the application to list the orders processed in the selected day. | Click | Display the date the user has just selected to request the processed order statistics by date |
| **ComboBox Monthly** | Click to select the month in which the user wants the processed order statistics according to the previously selected month | Click | Displays the month the user has just selected to request the processed order statistics according to the previously selected month |
| **ComboBox Five** | Click to select the Year in which the user wants to record the processed orders according to the previously selected month | Click | Displays the location that the user has just selected to ask for the processed order statistics according to the previously selected month |
| **Stats Button** | Click to start sending the request that the user has set to get the data and fill in the statistical data table | Click | The data is compiled according to the previously set requirements |
| **Statistical Data Table** | This table is used to display the statistical data requested by the user. The table includes columns of information such as, Order ID, Orderer, Address, Value, Status | Display | The data will be displayed inside the table in rows and columns |
| **Button Back** | Click to return to the handler interface | Click | Go to handler interface |