

User Manual

Purpose	This user manual comprehensively addresses all pertinent information pertaining to the administration system of the "Apple iStore."
Scope	The purpose of this user handbook is to provide instructions on performing fundamental operations utilizing the management system of the "Apple iStore." The fundamental operations of a database encompass the inclusion, modification, removal, and retrieval of data.
The primary essentials	The installation of JAVA is a prerequisite for the system to be installed on any given machine. In addition, the utilization of NetBeans is necessary.(IntelliJ also compatible but recommended NetBeans)
Hardware Requirements (Minimum)	<ul style="list-style-type: none">• Processor – Intel (R) Core (TM) Core 2 Duo E8400 (Up word) (@2.00 GHz 6 MB L2 Cache 1200 MHz)• System Type -32-bit or 64-bit Operating System• RAM -1.00 GB (Up word)
Software Requirements	<ul style="list-style-type: none">• Monitor (Any) – 01• Thermal Printer (Any paper size) – 01• UPS – 01• Keyboard & Mouse – 01

Lunch for the first time

- The system's login credentials consist of a designated username "Admin" and a corresponding password "Admin." Upon the initial login attempt, the user will be prompted to input both their username and password. If the user inputs "Admin" in both the username and password fields, the system will grant them access to log in without any issues.

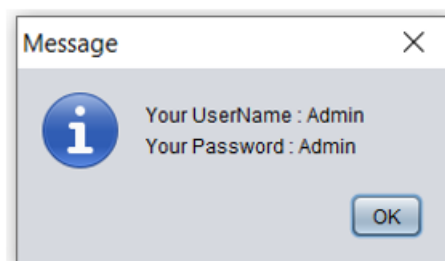


Figure 1 Informative Dialog

Login

- Then it will pop up the login box

The image shows a login dialog box for 'APPLE iSTORE'. The background is a gradient of orange and red. The Apple logo is in the top left. The text 'APPLE iSTORE' is in a large, bold, serif font. Below the text are two input fields: 'Username' and 'Password'. To the right of the 'Username' field is a callout '01' with an arrow pointing to the field. To the right of the 'Password' field is a callout '02' with an arrow pointing to the field. At the bottom left is a button labeled 'EXIT' with a callout '04' and an arrow pointing to it. At the bottom right is a button labeled 'LOGIN' with a callout '03' and an arrow pointing to it.

01. Enter User ID

02. Enter Password

03. Upon inputting accurate information into the system and subsequently clicking the login button, users will be automatically redirected to their respective pages.

04. By selecting the exit button, the user could terminate the application.

- If users input incorrect information, they will be notified through the display of a message.



Main Menu

- Upon successful login, users will be granted access to the main menu, which includes a range of features specifically designed for administrators.
- Products can be added to the collection through the primary menu.
- The functions listed below can be accessed from the top menu.

Should be considered below points. -:

- **Product ID** and **Amount** must be Number.
- **Product Sell date** must follow YYYY-MM-DD Format

The screenshot displays the Apple iSTORE application interface. At the top, there is a navigation bar with 'Products' and 'Users' tabs. Below this, the main content area features the Apple logo and the text 'APPLE iSTORE'. The form contains several input fields: 'Product ID', 'Product Name', 'Price', 'Amount', 'Category' (a dropdown menu currently showing 'iPhone'), and 'Sell Date'. At the bottom of the form, there are two buttons: 'LOG OUT' and 'ADD'. To the left of the main form, there are two smaller panels. The top panel, titled 'Products', lists the following actions and their shortcuts: 'Search Product' (Ctrl+Shift+S), 'View All' (Ctrl+Shift+A), 'Update' (Ctrl+U), and 'Delete' (Ctrl+D). The bottom panel, titled 'Users', lists the action 'Add User' with the shortcut 'Ctrl+Alt+N'. Arrows point from the 'Products' and 'Users' tabs in the main form to their respective panels on the left.

Products	Users
Search Product	Ctrl+Shift+S
View All	Ctrl+Shift+A
Update	Ctrl+U
Delete	Ctrl+D

Users	
Add User	Ctrl+Alt+N

Products Users

APPLE iSTORE

Product ID

Product Name

Price

Amount

Category

Sell Date

LOG OUT

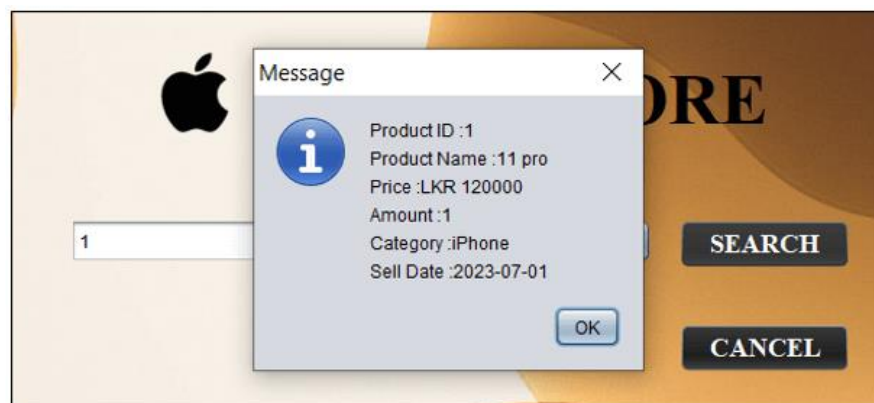
ADD

Search Products

- At this juncture, users could conduct a search for a specific product either by its unique identifier or by its designated product name.



- The search results will resemble the image displayed above.



Search All Products



The screenshot shows the Apple iSTORE interface with a search bar containing a vertical line. Below the search bar is a table with 11 rows of product data. A 'CATEGORIZE' button is located to the right of the search bar, and a 'CANCEL' button is at the bottom right.

Product ID	Product Name	Price	Amount	Category	Sell Date
1	11 pro	LKR 120000	1	iPhone	2023-07-01
2	11 pro max	LKR 150500	2	iPhone	2023-07-03
3	12 pro	LKR 200000	1	iPhone	2023-07-05
4	12 mini	LKR 190500	2	iPhone	2023-07-06
5	iPad mini	LKR 184900	2	iPad	2023-07-09
6	iWatch Series 8	LKR 127499	1	iWatch	2023-07-13
7	Apple Pencil 2	LKR 45000	2	Apple Pencil	2023-07-10
8	AirPods Pro 2G...	LKR 78500	1	AirPods	2023-07-15
9	AirPods Max	LKR 215000	1	AirPods	2023-07-16
10	MacBook Pro	LKR 645000	1	Mac Book Air	2023-07-19
11	iPad Air	LKR 209900	1	iPad	2023-06-04

Search by Category

- The results can be filtered based on category using the "view all" window.

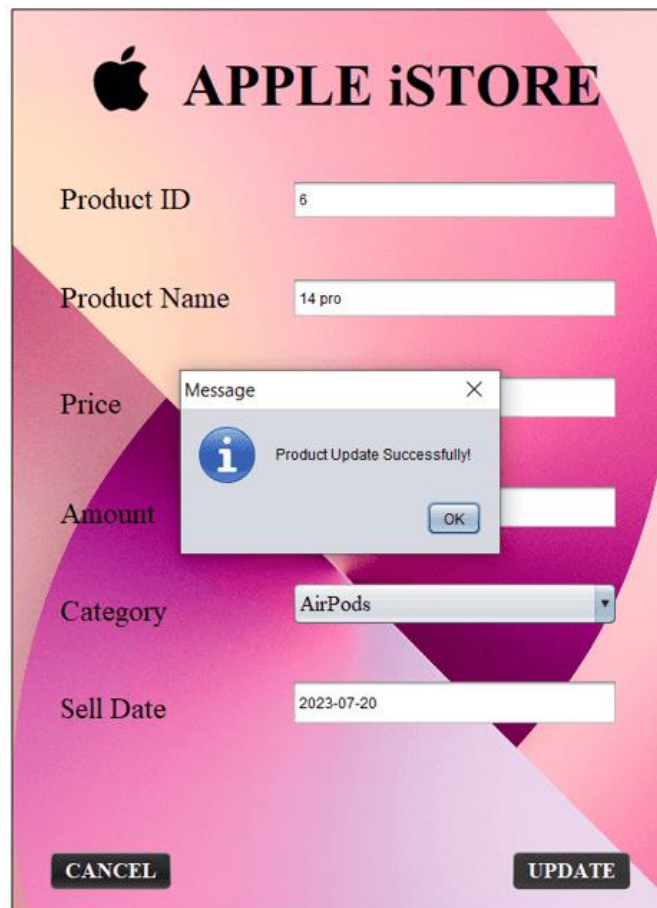


The screenshot shows the Apple iSTORE interface with a search bar containing the text 'iPhone'. Below the search bar is a table with 4 rows of product data, all of which are iPhones. A 'CATEGORIZE' button is located to the right of the search bar, and a 'CANCEL' button is at the bottom right.

Product ID	Product Name	Price	Amount	Category	Sell Date
1	11 pro	LKR 120000	1	iPhone	2023-07-01
2	11 pro max	LKR 150500	2	iPhone	2023-07-03
3	12 pro	LKR 200000	1	iPhone	2023-07-05
4	12 mini	LKR 190500	2	iPhone	2023-07-06

Update Products

- In the process of updating, it is necessary for the user to input all relevant data to complete the update successfully. Prior to initiating the updating system, it is imperative to verify the existence of the product and ensure that all data has been appropriately entered by the user into the designated columns. Subsequently, the product data can be updated accordingly.



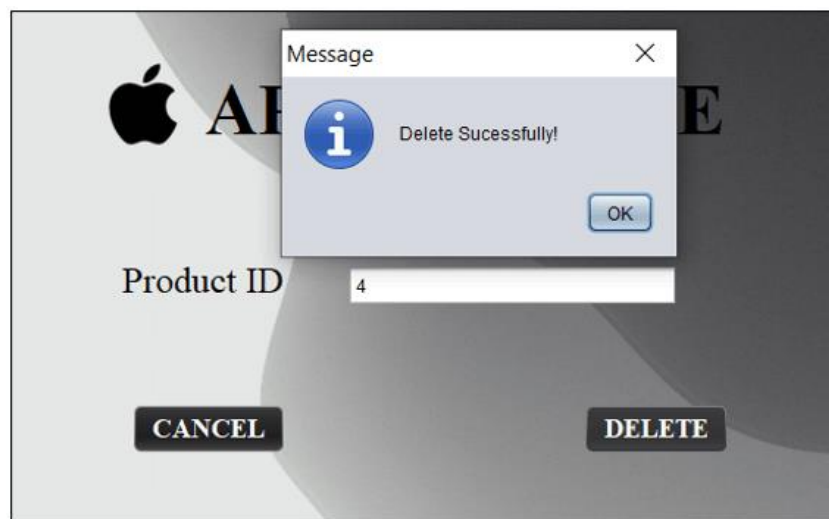
The image shows a web form titled "APPLE iSTORE" with the Apple logo. The form contains several input fields for updating a product:

- Product ID:** A text input field containing the value "6".
- Product Name:** A text input field containing the value "14 pro".
- Price:** A text input field that is currently empty.
- Amount:** A text input field that is currently empty.
- Category:** A dropdown menu with "AirPods" selected.
- Sell Date:** A text input field containing the date "2023-07-20".

At the bottom of the form are two buttons: "CANCEL" on the left and "UPDATE" on the right. A modal message box is overlaid on the form, displaying the text "Product Update Successfully!" with an information icon and an "OK" button.

Product Delete

- To remove a product from the system, the user must input the product ID associated with the specific product that is to be deleted.
- Then the system will check for the existence of the product and if the product is found it will delete the product from the system. If the product isn't found the system will inform the user with a dialogue box.



Add User

- Within this system, the manager has the capability to add new users and assign varying levels of access to everyone.



The screenshot shows the 'APPLE iSTORE' user creation interface. It features a background with a blue and green abstract design. The form includes a 'Username' field with the text 'Dulan', a 'Password' field with the text '12345', and a second 'Password' field. Below the password fields are two radio buttons: 'Manager' (selected) and 'Cashier'. At the bottom are 'CANCEL' and 'ADD' buttons. A 'Message' dialog box is overlaid on the form, displaying an information icon, the text 'User Created!', and an 'OK' button.

- But the system checks that the same username is used, or the user tried to enter blank values if it found that kind of issue system will indicate the user using a dialogue box.



This screenshot shows the same 'APPLE iSTORE' user creation interface, but with an error message. The 'Username' field is empty, and the 'Password' field contains the text '7890'. The 'Message' dialog box displays an information icon, the text 'All feilds must filled', and an 'OK' button.



This screenshot shows the 'APPLE iSTORE' user creation interface with a duplicate username error. The 'Username' field contains 'Dulan' and the 'Password' field contains '12345'. The 'Message' dialog box displays an information icon, the text 'Username Exists!', and an 'OK' button.