# StockHive App User Guide

**Git hub repository for the project:**

https://github.com/quintongillanders/MobileDevelopmentGroupAssignment.git

# Introduction

Welcome to the user guide for our StockHive business portal application. This guide will go over all screens for each role and how to use them.

## Main Activity (Login Screen)

A screenshot of a login form

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This is the login screen. Here you can log in as a customer, admin or supplier. You can also click on register to be taken to the screen where you can create an account.

To login as an admin, log in with any email ending with “@admin.com”  
To login as a supplier, log in with any email ending with "@supplier.com”  
And to login as a customer, log in with any email other than “@admin.com or @supplier.com”

## Register Screen

A screenshot of a login form

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This is the registration screen. Here you can create an account with StockHive. Pressing the register button will sign you in instantly and take you to the screen for your role.  
  
To register as an admin, register with any email ending with “@admin.com”  
To register a supplier, register with any email ending with "@supplier.com”  
And to register as a customer, register with any email other than “@admin.com or @supplier.com”

## Admin Control Panel

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This is the admin control panel. Here, the admin can see a list of all users that are currently registered to the StockHive app. The users are being stored with a firestore database collection on firebase.

Here the admin can click “reset password” to send a password reset email to that designated email. The admin can also choose to delete a user. If the admin wishes to logout, they can simply click the logout button on the bottom of the screen to be taken back to the main activity.

## Reset password confirmation (Admin control panel) A screenshot of a phone AI-generated content may be incorrect.

Once the reset password button has been clicked by the admin, A conformation message will appear, asking the admin to confirm if that is the correct email address. Once the admin clicks on send, a toast message will appear saying that the email has successfully been sent.

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## Deleting a registered user from the admin control panel screen

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If the admin clicks on the delete user button, a confirmation message will appear asking the admin to delete the user. If the admin wants to confirm the deletion, they will need to click on the delete button. Once the user has been deleted, a toast message confirms the deletion of the user, and the list view will be updated. The user will be removed from the firestore collection on firebase.

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## Supplier Activity Screen

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Once the supplier has been logged in, they are taken to this screen. Here, they can select 3 options – Product overview to view the current items in stock, add products to the inventory, and manage products. If they wish to log out, they can select the log out button in the top left corner of the screen.

## Product Overview Screen

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The product overview screen will allow the supplier to see all items that are currently in stock. The supplier can choose to delete items from this screen if they wish. If the supplier wishes to log out, they can click the log out button in the top left corner of the screen to be taken back to the supplier activity screen.

## Add Products Screen

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The “Add Products” screen allows the supplier to add items into the StockHive inventory.

The supplier will need to type the item name and the quantity into the text fields, once they have both been filled out, the supplier will click on the add button and will be added to the Realtime database and will be displayed in the recycler view below. The supplier can also choose to delete items here if they wish.

## Manage Products Screen

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In the “manage products” screen, the supplier can update and delete products.  
To update a product, the supplier needs to click on an item in the recycler view. They can also delete a product here by clicking on the delete button. If the supplier wishes to log out, they can click the log out button to be taken back to the supplier’s activity screen.

## Updating and deleting items in manage products A screenshot of a device AI-generated content may be incorrect.

Once the supplier has clicked on an item in the recycler view, a toast message will appear confirming that it has been clicked. The item will then appear in the fields, the supplier can then update the name of the product, and the quantity.

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When the supplier clicks on the update product button, the item will be instantly updated in the recycler view, and the real time database, with a toast message confirming the update

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To delete an item, look for the item you want to delete from the recycler view, for this example, we will use the “Delete test” item

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A screenshot of a computer

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A confirmation message will appear, if you wish to delete, select yes. If you change your mind, select no and the item will not be affected.   
  
A screenshot of a phone

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When the item is deleted, it will be deleted from the Realtime database, removing it from the recycler view. A toast message will appear to confirm the product has been deleted. Please note – this is also the same process for the delete buttons in “Product Overview” and “Add Product” Screens.

## Customer Screens

When a customer logs into the app by entering email address and password, the following screen appears. Customers can see all the available products. They can scroll up and down to see all the products. ‘Sign Out’ can be clicked to sign out.

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Customers can click on the image of the specific product to view details. It displays the full image along with name, model and price. From the screen below, customers can click on the ‘back’ button to go back to the previous screen that shows the list of all available products.

A close-up of a computer

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Customers can click on ‘Add to Cart’ button to add an item into the cart.

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When an item is added to the cart, a toast message shows the name of the product added to the cart. Multiple items can be added to the cart. ‘View Cart’ button on the top shows the number of products added to the cart.

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When the user clicks on ‘View Cart’ button, it shows all the items added into the cart.

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Customers can click on ‘Back to Items’ button to go back and add more items as required.

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Customer can remove individual items by clicking on ‘Remove from Cart’ button’. A toast message appears as “Item removed”

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Customers can clear all the items from the cart by clicking on ‘Clear Cart’.

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Customer can click on ‘Purchase items’ button to proceed with the purchase.

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When clicks on ‘Purchase items’, a message pops up asking the customer to confirm purchase. Customers can click on ‘No’ to go back to the cart or ‘Yes’ to proceed with the purchase.

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When customer clicks on ‘Yes’, a confirmation message is shown as “Purchase successful! Thank you!”

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