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MyReceiptsApp

User Manual

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Design Choices

Overall Layout

The layout is consistent throughout. The colour scheme of the app is two dark blues with a white background. The hex values of these blues are #0f52ba and #0000a0.

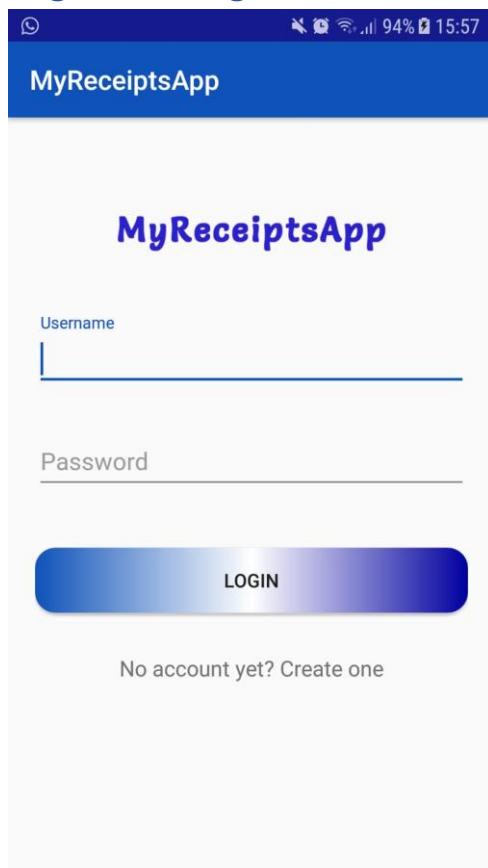
At the top of each page it gives a guide to what the page is, such as “Register” or “Tap NFC to Add Receipt”.

This app is simply to use, and it will create the digital connection that is needed for the large number of customers that still shop in-store.

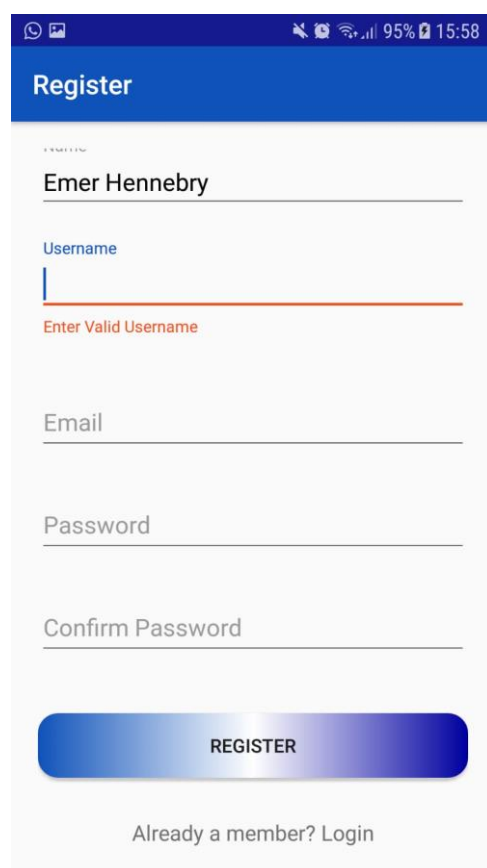
Navigation bar

To make it easier for users to get to different pages of the app quicker there is a navigation bar at the bottom of majority of the app pages. The only pages that don't have a navigation bar are the Login, Register, Home and the receipts. If the navigation bar was on the home or receipts page there would be too much happening on the page. The navigation bar goes to home, return receipts, adding receipts, list of receipts and the folders.

Login and Registration



The screenshot shows the login screen of the MyReceiptsApp. At the top, there is a status bar with a clock icon, signal strength, 94% battery, and the time 15:57. Below this is a blue header bar with the text "MyReceiptsApp". The main content area has a white background. It features the app name "MyReceiptsApp" in a large, bold, blue font. Below the name are two input fields: "Username" and "Password", each with a blue underline. A blue button with the text "LOGIN" is positioned below the password field. At the bottom, there is a link that says "No account yet? Create one".



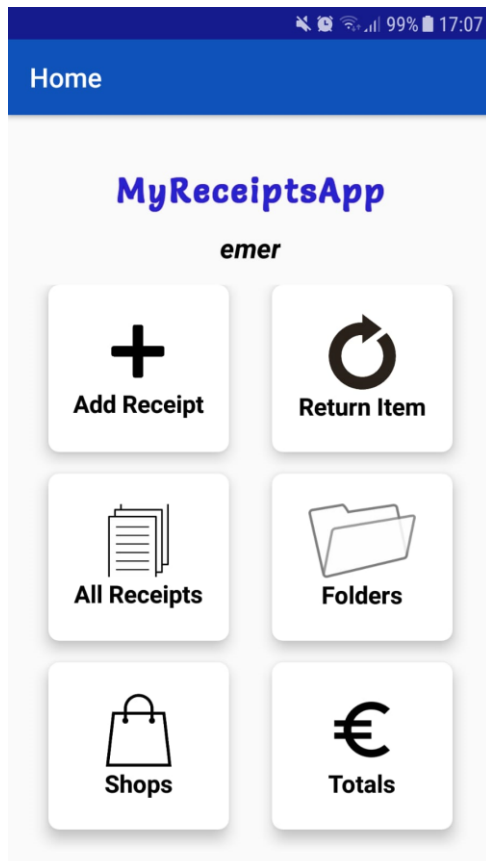
The screenshot shows the registration screen of the MyReceiptsApp. At the top, there is a status bar with a clock icon, signal strength, 95% battery, and the time 15:58. Below this is a blue header bar with the text "Register". The main content area has a white background. It features the app name "MyReceiptsApp" in a small, blue font. Below the name are four input fields: "Username", "Email", "Password", and "Confirm Password", each with a blue underline. A red error message "Enter Valid Username" is displayed below the username field. A blue button with the text "REGISTER" is positioned below the "Confirm Password" field. At the bottom, there is a link that says "Already a member? Login".

The app opens up on the login page if you don't have an account yet, then you can click on “No account yet? Create one” and this leads them to the Registration page. When you fill in all the editable text boxes correctly and click the “REGISTER” button then you will be lead to the login page where you

enter your username and password. If the username and password are incorrect you won't be able to login in.

Each of these editable text boxes are validated and if you don't fill them in probably and click either the "LOGIN" or "REGISTER" button the application highlights where you need to fill in until everything is correct, as can be seen in the second picture above.

Home Page

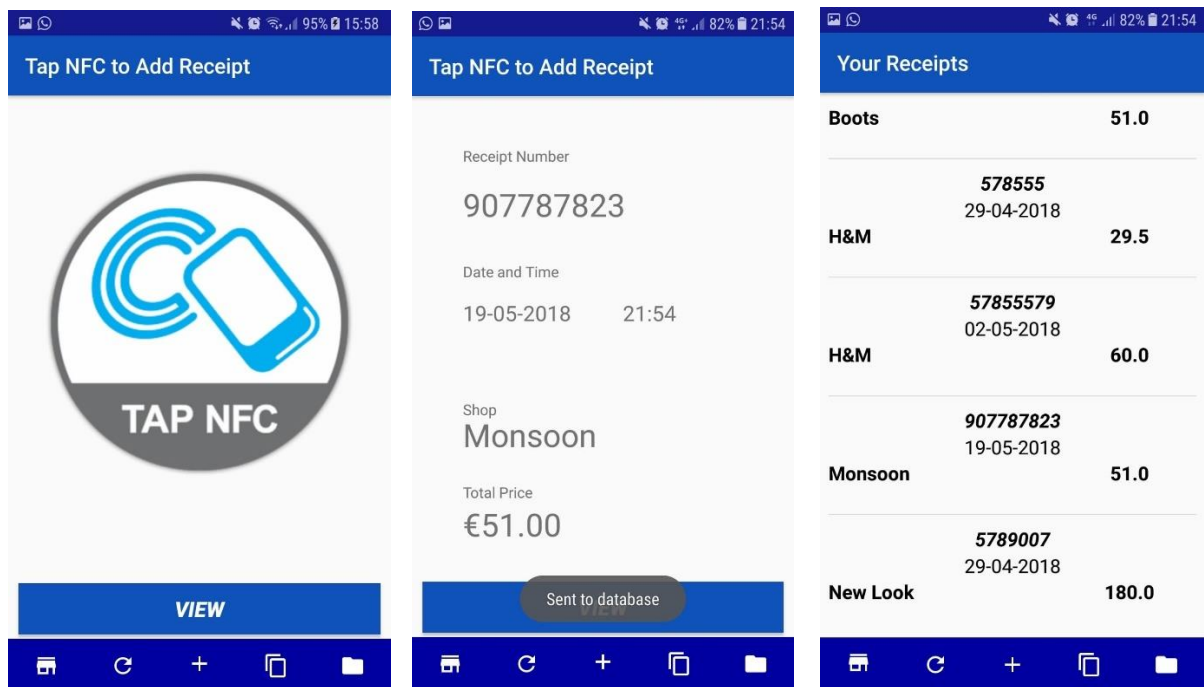


Once your login is successful you will be directed to the home page. There are six sections to the app which can be clearly seen in the picture above, as well as your username, with the case above "emer" is the username, and with the apps name.

The six sections are adding receipt through NFC, returning a product through NFC, viewing receipts, receipts sorted into different folders, recommended shops and an overall calculation section.

The display of the home page is very clear with six big pictures with a description of the six sections of the app.

Adding Receipts



The first section is where users tap the NFC to add their receipt.

When you place the NFC receipt at the back of the phone, a summary of information comes up and a toast which is a small pop will appear for a few seconds informing the user that the receipt information has been sent to the database.

If incorrect information is placed on the NFC receipt, it will not be added to the database and a toast will appear for a few seconds informing the user that their receipt has not be added to the database.

If you users want to see the details of the receipt they can click the "VIEW" button, and this will bring them to the list of their receipts in alphabetical order of shops. If you what is see more information about your receipt you can click into the receipt you want to view and here is more details of your receipt and is your proof of purchase. The receipt picture can be seen below.

Your Receipt

Select Folder
No.: 7

Receipt Number: 907787823

Monsoon

19-05-2018 21:54

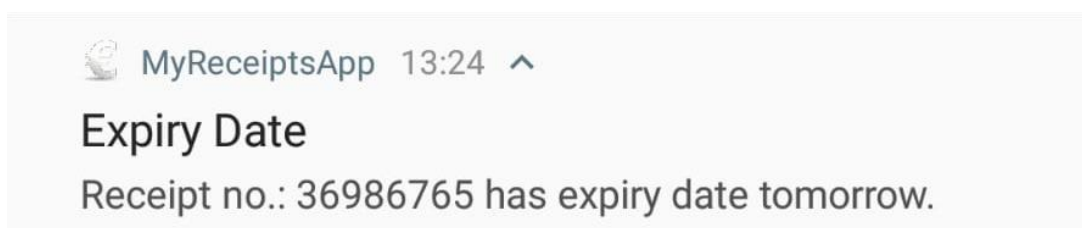
	Quantity:	
Top 567	3	20.5
Hat 876		10.0
Pants 2571		20.5

51.0

2 for 1 **25-05-2018**

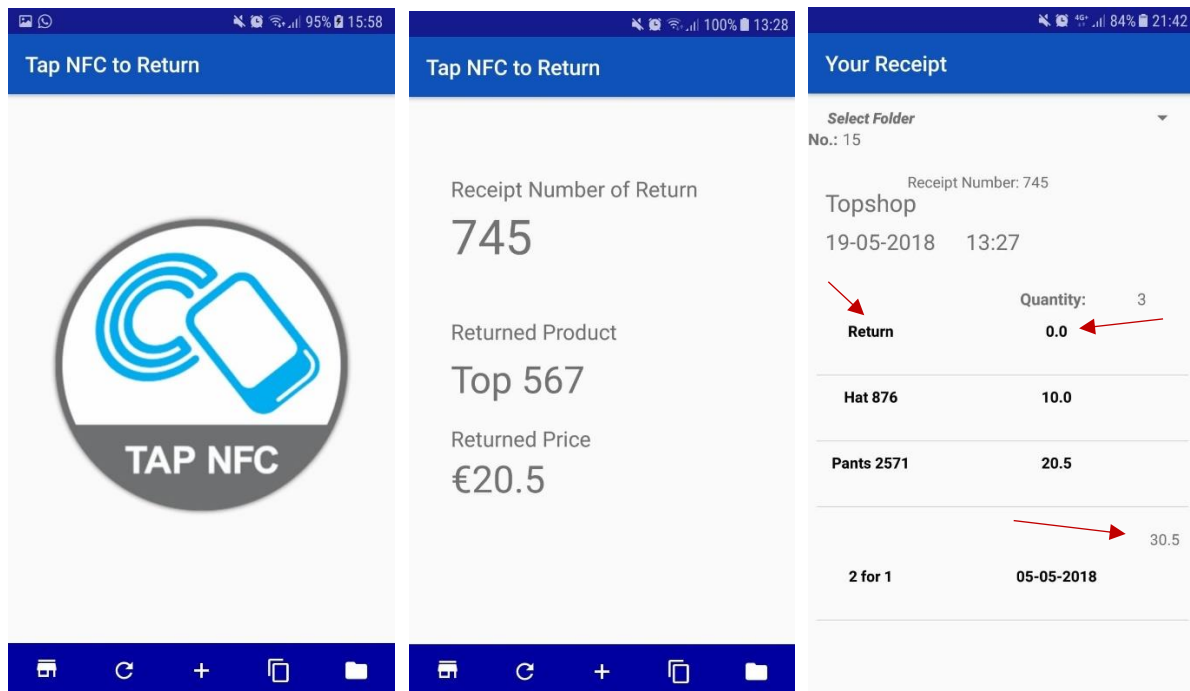
The receipt includes a dropdown menu to select a folder you would like to place a receipt, the number receipt that it is, the number that receipt is on the list, the receipt number, the shopname, the date and time the receipt was scanned, the quantity of products, the list of products and their prices and at the end of the receipt is extra information on such things as warranty and special offers are placed with their expiry date.

When you login to the app it will send a notification the day before this extra expires. If you click the notification it lead you to the login page this is to make sure it is you that is viewing the receipt. The notification looks like this:



The receipt number is important to the receipt because this it is an id to the receipt, it is what defines this receipt from different receipts. It represents the barcodes that are found on paper receipts.

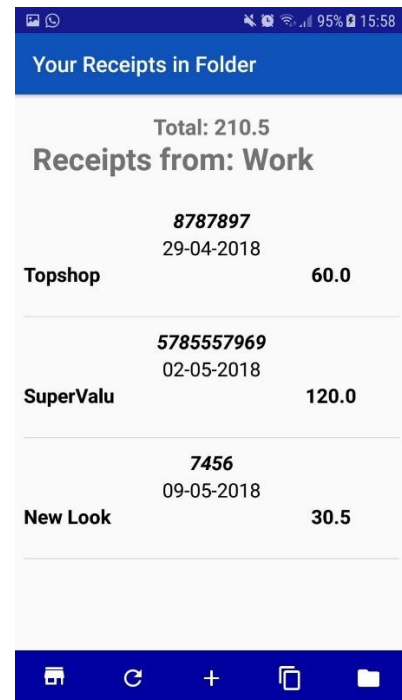
Returning Product



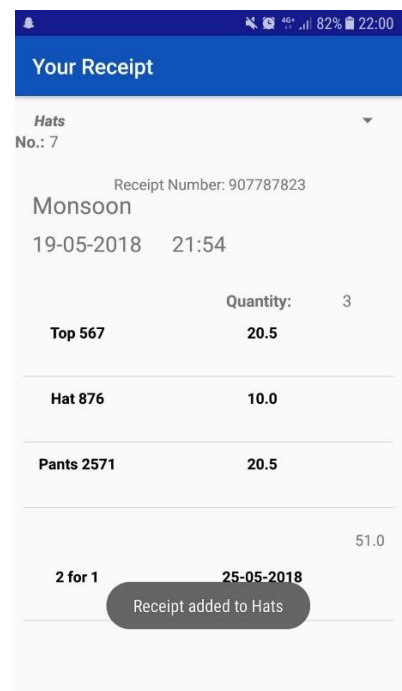
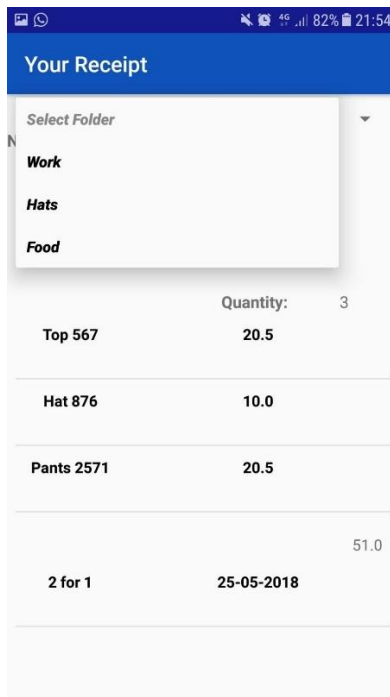
The second section of the app is the return section. Here like when you were adding a receipt, you place the NFC return at the back of the phone, a summary of information comes up on the product you are returning and a toast will appear for a few seconds informing the user that the product has been returned.

Then if you go to the list of receipts and click the receipt that you just returned an item in, as the arrows demonstrate, you can see that the item is returned, and the price is set to zero and the overall price has been added up again.

Folders

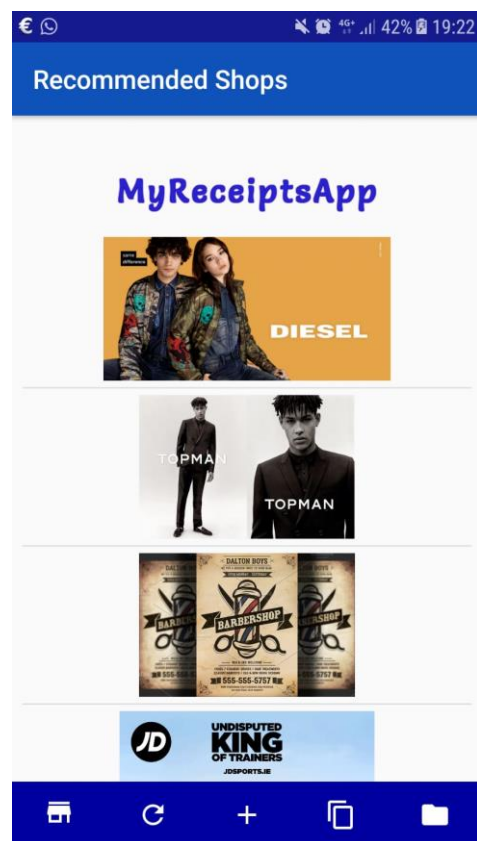
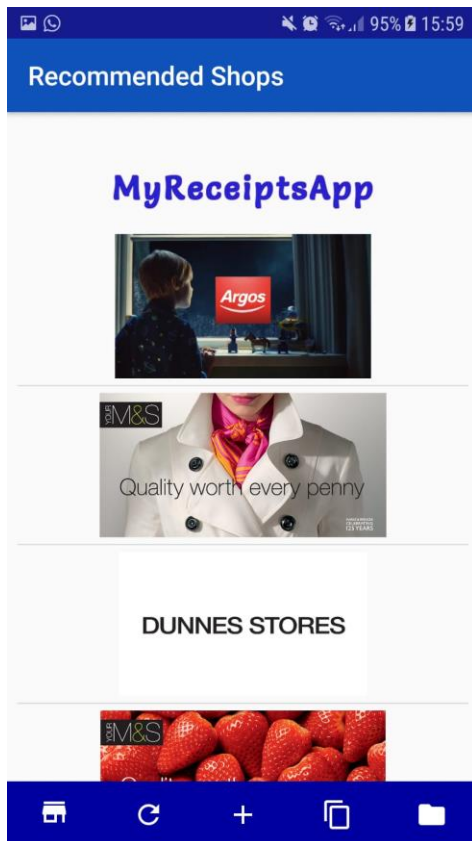


Next is the folder section where users can add folders and can easily delete folders by swiping the folder left or right. The receipts that have been added to the folder are put into a list similar to the list of all your receipts and a total expenditure of that folder is included. To view the details of a receipt you can select it.



To add a receipt to the folder you go back to a receipt and select a folder on the dropdown menu which you want that receipt to be placed into. A toast appears for a few seconds to inform you that the receipt has been added to the database.

Recommender Shop Section



The shops section of the app is to create advertising for target customers and to recommend shops based on the last shop you purchased at.

If you scan a receipt with a different shop, then different shops are recommended.

Overall Calculation



The last part of the app is the overall calculations which displays the overall expenditure this month and the total expenditure overall. This is to give the users a quick glance to what their expenditure is like now.