

Mylio

User Manual

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1. General Overview

1.1 System overview

The following manual contains information for the user to make full use of the application. In this manual i will cover a description of the applications functional capabilities in a educating manner for applications access and use

Mylio is an android application that is designed to facilitate a means of recording a users grocery produce that they may purchase from grocery stores and prescribe to the user recipes that may be of interest to the user and are relevant to what the user have purchased .

The system is aimed towards the average person or college Students who are indecisive to a degree of what to prepare for dinner, lunch or breakfast.

The procedure of using the application will involve users regular input to record home commodities. How this is done is the user will take a picture of returned receipts of purchased goods.

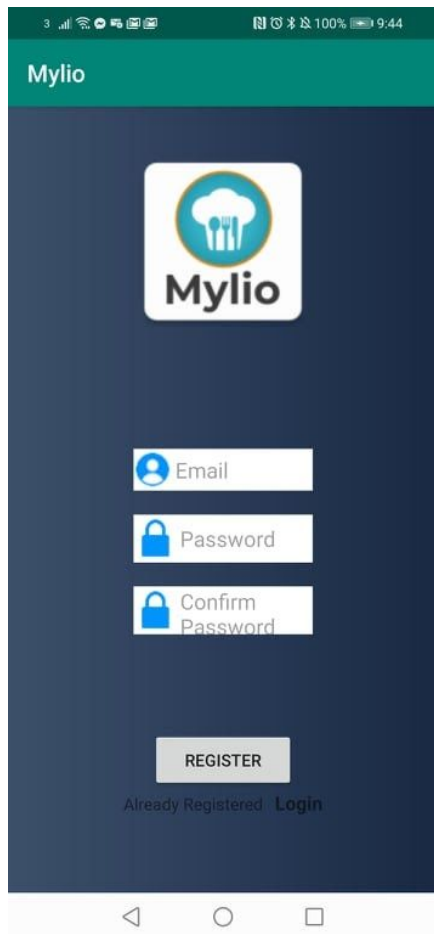
1.2 Installation

The android application can be accessed directly from the android app store

2 Getting Started

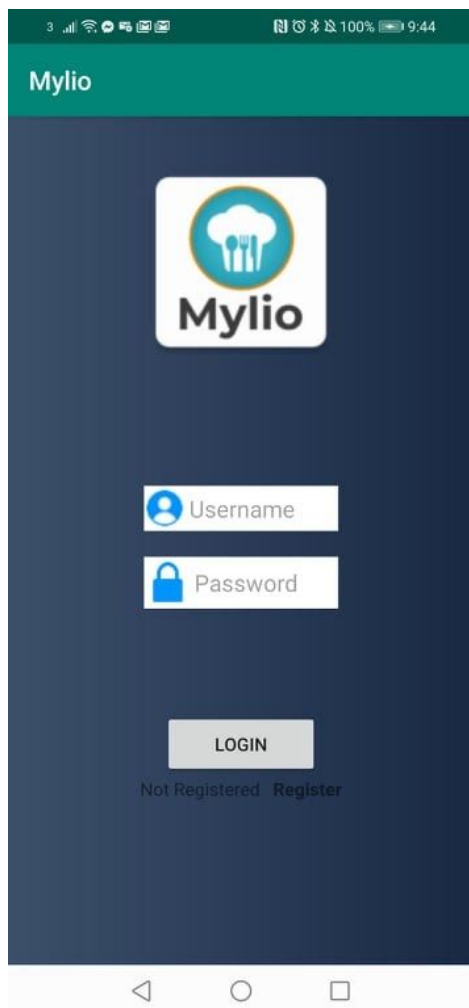
2.1 Registration

Once the application is downloaded from the android app store. The user is prompted with a typical Log in interface with the option to register. Registration involves the users to input a valid email address, password alongside a confirmation of that password to be created. Passwords require to not only be equal to the confirmation password but also must be six or more characters long



2.2 Login

After Registration, the user can enter details of their account and click the login button. A rotating progress bar will appear implicating that the users details have been input correctly and is now connecting to the application.



3. After Authentication

3.1 HomeScreen

When the user successfully logs into the application, he/she is prompted with a menu interface, with a logout button and three buttons each of which is accompanied with an icon Scan,Repository and Recipes.



4. Scanning Receipts

4.1 Scan

Scan is the main activity of the android application where the user can take pictures of their receipts and extract the products they purchased from doing so. When the user wishes to scan a receipt the button is pressed and the application will bring the user to an interface displaying “Result” and “Image”. To begin with both Text boxes below each title will be empty.

By clicking the image icon at the top right of the screen the user will be prompted to Scan an image directly from a camera screenshot or from the user's own camera roll. After an image is captured, (with the flash activated, being most preferable for the most accurate results). The user will then need to crop the image to frame only the receipt to reduce background influence on the text received and cropping just above the end of the receipt where the total price charged is displayed.

Once done, the application will interpret the receipt, showing text received and below, the image scanned. By clicking the next button The application will further interpret the store to which the receipt belongs as well as elaborating on the abbreviated products of the receipt to their actual product counterpart all of which will be displayed to the user. These products extracted from the receipt will be loaded into the users own repository

Mylio

Click + button to insert image



Result

NEXT

Image Preview





CROP

SuperValu

Real Food, Real People

SUTTON
Tel: 01 8322744
Manager
Owen Doyle

NON SCAN BREAD €5.00

Total: €5.00

VAT ANALYSIS

	Vat Rate	Nett	Vat
3>	23.00%	4.07	0.93

Paid by: EFT €5.00
NO CHANGE

You could have earned MoneyBack/Local
Points and would have recieved:
Real Rewards Points 5
Points can be redeemed for existing
rewards. Ask customer service for an
application form today

5. Account data

5.1 Repository

Considering that the user has used the scanner feature of the application. The repository will display all products that the user owns that have been extracted from his/her receipts. This collection can be updated with the minus symbol located adjacent to each product which is used to remove a products from the users repo



5.2 Recipes

The recipes interface stores a collection of ten recipes. These recipes are randomly and dynamically allocated to this recipes tab and are prescribed to the user based on the relevant contents of their repository

