*TastyTracker User Manual*

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# Introduction

Welcome to TastyTracker, your ultimate solution for managing household food inventory and simplifying meal planning. Whether you’re a busy individual trying to keep track of what’s in your fridge or a family coordinating meals and groceries, TastyTracker is designed to make your life easier.

**With TastyTracker, you can:**

* Track your food inventory: Know exactly what’s in your pantry, fridge, and freezer and how much at any time.
* Create Smart Shopping Lists: Create and organize a shopping list effortlessly, ensuring you never forget an essential ingredient again.
* Manage User Roles: Collaborate with your household members through role-based permissions, ensuring everyone can play a part in managing food resources.

**Who is TastyTracker for?**

* Families and households looking to stay organized and ensure they have the food they need.
* Meal Planners who want to make the most of what they already have before heading to the store.
* People on a budget who are looking to reduce the number of unnecessary purchases they make.

**Supported platforms**

TastyTracker is available for use on Android devices and is optimized for smartphones.

**Why Choose TastyTracker?**

TastyTracker is not just an inventory management tool; it’s your personal assistant in the kitchen and at the grocery store. By helping you track, plan, and organize, TastyTracker saves you time, money, and effort—so you can focus on what matters most: enjoying meals with your loved ones.

Start your journey to a more organized kitchen and stress-free grocery shopping today with TastyTracker. Let’s make food management smarter and easier!

# Getting Started

This section will guide you through the process of installing the app, setting up your account, and getting familiar with the basic features. Let’s get started.

## System Requirements

Before running TastyTracker, you need to have some software installed. I do not own an Android phone to test TastyTracker on, so I will walk you through setting up an Android Emulator to run the application.

1. First [Download Android Studios](https://developer.android.com/studio?gad_source=1&gclid=CjwKCAiA9bq6BhAKEiwAH6bqoGjaus-Hg9DXVxtQQ3rvVU-uvnTWExv53GosUXi6c8KAE5TE_aKtpBoCJ2gQAvD_BwE&gclsrc=aw.ds)
2. Install the application
3. Create a Virtual device ([Android Guide](https://developer.android.com/studio/run/managing-avds))
   1. From the Android Welcome Screen, select More Actions > Virtual Device Manager
   2. Create a project, then select View > Tool Windows > Device Manager from the main menu bar, then click the +, and then click Create Virtual Device.
   3. I recommend selecting the Pixel 9 Pro XL as the device
   4. The application requires an API greater than 24, I recommend 34 (“UpsideDownCake”).
4. From the device manager screen, press the triangle to start the emulator

A screenshot of a phone

Description automatically generated

1. Go to the [TastyTracker Releases](https://github.com/JulieWhite2150/TastyTracker/releases) on GitHub and open up the Assets drop down.
2. Download the .apk file named app-debug.apk
3. A screen shot of a phone

   Description automatically generatedFind the .apk file in your file explorer and drag and drop the file to the running emulator.
4. After the app downloads, you can click the app on the home screen to start the application.

## Getting Started- Registration

1. The TastyTracker Initial Screen will ask you to either Log In or Register.
2. A screen shot of a phone

   Description automatically generatedAs you are a brand new user, you should select Register.
3. You will next see the registration screen.
4. You will need to create a username and password for your account.
5. Your username must be:
   1. Unique
   2. Start with a letter
   3. Non-empty
6. Your Password must be:
   1. Non-empty
7. If you are joining a household that already exists, get the household ID from another user and enter it into the household ID text bar.
   1. The household ID is what links your account and the other member’s of your household together so you can have the same inventory
8. If you are the first user making a household, do not enter a household ID, the application will create one for you.
9. Press the Register button to finish creating your account

Enter Username here

Back button to take you back to initial screen

A screenshot of a phone

Description automatically generated

Click here when all fields are filled in to finish registration

Enter Household ID (if joining household) here

Enter Password here

## Getting Started- Log In

1. After you have created an account and you are ready to log back in, press the Log In button on TastyTracker’s initial screen.
2. You must enter your correct username and password to login.
3. Press the Log In button to log into your account.

Back button to take you back to initial screen

A screenshot of a phone

Description automatically generated

Click here when all fields are filled in to finish logging in

Enter Username here

Enter Password here

# Inventory Screen

The inventory screen is the main hub of the TastyTracker app. It allows you to view all items currently in your inventory, manage food items, track quantities, and more.

A screenshot of a cell phone

Description automatically generated

Button to take you to the Shopping List Screen

Button to add an item to the inventory, takes you to the Edit Screen

unit

quantity

Food name

Scroll-able list of household inventory. The list will grow and shrink as items are added and deleted.

Button to add food item to shopping list, takes you to Edit Screen.

Button to edit a food item, takes you to Edit Screen

Button to take you to the Household Management screen (only available to admin users).

Back button to take you back to initial screen

# Shopping List Screen

The Shopping List Screen in TastyTracker is designed to help you create, manage, and organize your household's shopping needs. It ensures you never miss an item while shopping and streamlines the process of restocking your inventory.

## How to Mark an Item as Shopped

1. Select purchased items by checking the box to the left of its name.
2. Press the shopping cart button in the bottom right corner to remove checked items from the shopping list and add them directly to the inventory.

A screenshot of a cell phone

Description automatically generated

Back button to take you back to inventory screen

Button to edit an item, takes you to the Edit Screen

Checkmark button to select an item as being shopped

Scroll-able shopping list. The list will grow and shrink as items are added and deleted.

unit

Button to finalized shopped items. All items checked will be removed from the shopping list and added to the inventory

Button to add an item to the shopping list, takes you to the Edit Screen

quantity

Food name

# Edit Item Screen

This screen is used to add, edit, and delete items from the inventory and shopping list. Depending on if you are adding or editing and from where (inventory or shopping list) certain text fields may be pre-filled or locked.

A screenshot of a phone

Description automatically generated

Press this button to save your addition/edit

Enter food item unit here

Enter food item quantity here

Enter food item name here

The text changes so you always know what you’re doing and where

Press this button to cancel and return to previous screen

Press this button to delete the food item from its list. This button is not available when adding items.

# Manage Household Screen

To reach this screen, you must be the admin account (the first member of your household to make an account). This screen allows you to adjust the permissions for other users in your household.

A screenshot of a cell phone

Description automatically generated

To reach this screen:

1. From the inventory screen press the gear icon in the upper right corner.

Back button to take you back to inventory screen

A screen shot of a phone

Description automatically generated

Scroll-able list of household users. The list will grow and as users join.

Toggle switch allowing you to change a user’s permissions from standard to restricted and vice versa. There is no toggle for the admin as they are always admin.

Username

User Permissions

Button to take you to the Manage Requests Screen

# Manage Requests Screen

When a user has limited permissions, they cannot do many actions that others can including adding items directly to the shopping list. If a user with limited permissions wants to add something to the shopping list, they must request those items. This screen gives the admin the ability to approve/deny requests.

A screenshot of a cell phone

Description automatically generated

To get to this screen:

1. From the inventory screen press the gear icon in the upper right corner.
2. Select manage requests from the bottom of the next screen.

Back button to take you back to Manage Household Screen

A close-up of a cell phone

Description automatically generated

Swipe an item’s row right to approve the request. Swipe left to deny the request. On denial, the request will be removed from the list. On approval, the item will be removed from the list and added to the shopping list.

unit

quantity

Food name