

Finders Keepers User Manual

Finders Keepers is an Android mobile app which enables people to trade physical items with each other. Unlike similar apps, Finders Keepers does not require you to give your stuff away, nor does it need you to pay money to get items. Instead, users trade stuff for stuff. If you've ever wanted to get rid of your old unwanted stuff and get something in return, Finders Keepers is the app for you.

Installing Finders Keepers

Simply go to the following link on your smartphone's web browser and download the .apk file:

https://github.com/CSE403FindersKeepers/finders-keepers/releases/download/v0.1/FindersKeepers_v0.1.apk

Once the download completes, tap the newly downloaded file to begin installation.

NOTE: If you receive a popup saying you don't have sufficient permissions, go to the Settings app on your phone, click Security, then enable the option that says "Allow installation of apps from sources other than the Play Store".

Running Finders Keepers For the First Time

After you've installed Finders Keepers, you should see it installed in your list of applications. Simply click on it, and the app will open. The first time you open the app on a given user on your phone, you will be prompted to log in using your Google account. Simply sign in and you will be taken to your Finders Keepers user page.

Using Finders Keepers

On any major screen in the app, you can click the menu button to select from one of four different screens: the User Page, the Settings Screen, the Browse Items Screen, and the Trades Screen.

User Page

This is the first screen you see after you sign in to the application.

On this screen, you can see your avatar (this will be blank if you have yet to set it up) with your username below it. You will also be able to see your current inventory of items up for trade, an add item button, a list of preferred tags, and a tag edit button.

From here you can do one of several things:

1. Add an item to your inventory

Click the button labeled with a "+" at the end of your current inventory list, and you will receive a popup with several fields: "Note", "Tags", and "Image". In the Notes field, you can write a description of your item. In the Tags field, you can write any number of one word tags, separated by spaces, which describe your item. When other people search for

those tags, your item will be in the results. Finally, you can click the Image field, and you will be able to add a picture of your item from your phone. After you've added everything you wanted to the fields, click the "Add Item" button at the bottom of your window, and the item will be added to your trading inventory. Or, click "Cancel" to cancel adding the item.

2. View or remove an item in your inventory

Click an item in your inventory to view its note, tags, and image. Click the "Edit" button, and you will be able to edit all three the same way as adding an item.

3. Change preferred tags

Your list of preferred tags tells other users what kind of items you're looking for. To change it, click the "Edit" button below your current list of tags. Enter any number of words separated by spaces, and click "Save". Your new list of tags will now become whatever words you entered. Click "Cancel" instead of "Save" to cancel the changes to your tag list.

Settings Screen

On this screen, you can view and change your avatar and location.

1. Change avatar

Simply click on your current avatar and you will be able to select a picture to use as your new avatar. You can select any picture on your phone.

2. Change location

Click on the "Change Location" button and Finders Keepers will automatically detect your current location. You will only receive trade requests and be able to view search results from people within 10 miles of you.

Browse Items Screen

On this screen, you can search for items based on any number of tags.

1. Search for an item

Click on the search box at the top of the screen and enter any number of tags separated by spaces. Click the search button, and Finders Keepers will search for nearby items which match every entered tag.

1. View and/or trade for an item

After searching, click on any item in the results to view details, like its note and tags. While viewing an item, there will also be a button which says "View User Profile". Clicking this will take you to the profile of the user that owns the item.

a. View User Profile

Here you can see the avatar, items, and preferred tags of the user who owns the item you were viewing. If their items interest you and you have items which match their preferred tags, you can click "Suggest a Trade" at the bottom of the screen to suggest a trade with that user.

i. Suggest a Trade

Here you can see a list of all items both you and the user you're trading with own. Click on any number of items from either list, and they will be highlighted. Click "Send Request", and you will send a trade request to the user suggesting that you trade all the items highlighted in your inventory for all the items highlighted in their inventory.

Trades Screen

Here you can see a list of all your trade requests. Each trade request has either an up arrow or down arrow, as well as either a check mark, X, or question mark. Trade requests with an up arrow are outgoing requests from you to other users, while trade requests with a down arrow are requests from other users to you. Requests with a question mark are pending, requests with an X are rejected, and requests with a check are accepted.

1. View trade request

Click on any request in order to view the details. Here you can see what user is trading with you, as well as what items are being traded for.

2. Accept or reject a trade request

You can only accept or reject incoming pending trade requests. Click on the request in order to view its details. At the bottom of the details screen, you will be able to see three buttons: Accept, Reject, or Cancel. Click Cancel to go back to the trades screen without accepting or rejecting the request. Click Reject to reject the request and go back to the trades screen. Click Accept to accept the request and go back to the trades screen. Once you accept, an email will be sent to both you and your trading partner which contains a confirmation of the trade request, as well as both your contact emails.

3. Cancel an outgoing request

If you've got a pending outgoing trade request, you can choose to cancel it. Simply click on the request to view it, and click "Cancel Request" to cancel it. The person you sent the request to will no longer be able to accept your request.

Reporting a Bug

To report a bug, please go to the following link:

<https://github.com/dowelc/finders-keepers/issues>

First, check to see if your bug has already been reported. If not please click "New Issue" to report a new bug. In the title, include a descriptive 10 word summary of the bug. In the body, please include the following information:

- Steps to reproduce the bug, if possible, and how often the bug can be reproduced
- Error messages, if any, in the exact form they appear in the application
- Expected behavior of the app vs the actual behavior
- Any other details regarding the bug which you would like us to know