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. Make sure to accept the file storage permissions, or the app will close.

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 upload 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 go to a screen with an image of a "+", a tags field, and an "add item" button. Click the + to select an image for the item you're adding, add **up to 2 tags** to the tags field, separated by

spaces, then click the add item button to add your item. Note: you have to select an image, or the item won't be addable.

2. View, edit, or remove an item in your inventory

Click an item in your inventory to view its info. Make whatever changes you want to make and click update item to update the item info. Click delete item to delete the item from your list. Click the Android back button to cancel changes.

3. Change preferred tags

Your list of preferred tags tells other users what kind of items you're looking for. To change it, simply enter any number of words separated by spaces in the tags field below your inventory and click the update tags button. Your tags will be uploaded to the server.

Settings Screen

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

1. Change avatar

Click the "change avatar" button 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

Enter a ZIP code and click the "Update Avatar and ZIP" button to update your avatar and ZIP code on our servers.

Browse Users Screen

On this screen, you can see a list of users within 20 miles of you.

1. View a User Profile

Click on the avatar of the user whose profile you want to view in order to be taken to their profile. Here you can see their items, their avatar, their display name, and their tag wish list.

a. Suggest a Trade

Click the "Propose Trade" button at the bottom of a user profile to start a trade. Tap on any number of items in your item list, as well as any number in the other user's list. Tap the "Send Trade Request" to send a request to trade those items.

Trades Screen

Here you can see a list of all your trade requests. There are separate lists for incoming, outgoing, accepted, and rejected trades.

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 an accept button and a reject button. 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.

3. Contact your trade partner

    Once you and another user have both accepted a trade, the trade will appear in your completed trades list. Click on the "Send Email to User" button to send an email to the user you are trading with. **NOTE:** Make sure your email application on your phone is configured, or it is possible this button will not work. If you get an error, simply configure your email app and click the button again to try again.

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Reporting a Bug

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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