

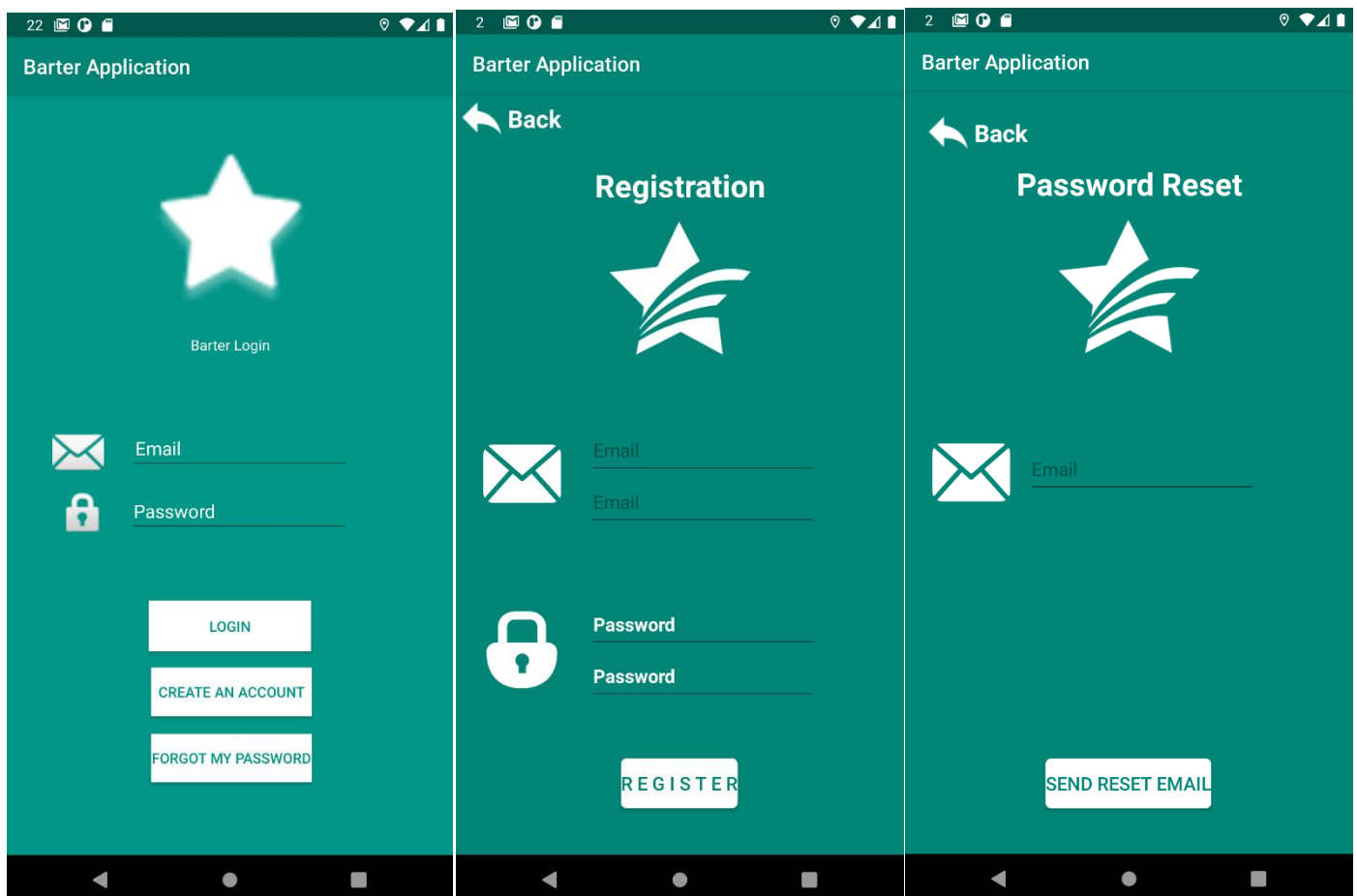
Barter application

Barter is an android application that allows users to exchange items with nearby people. Users can add information in the app for things they want to exchange. They can browse items offered by other nearby users. They can send requests to other users to ask for a barter. When accept or refuse a request, the app will send an email to other users. Then, the request is completed.

Functionalities:

User registration and login

- a) Register with email and password
- b) Password reset
- c) Login

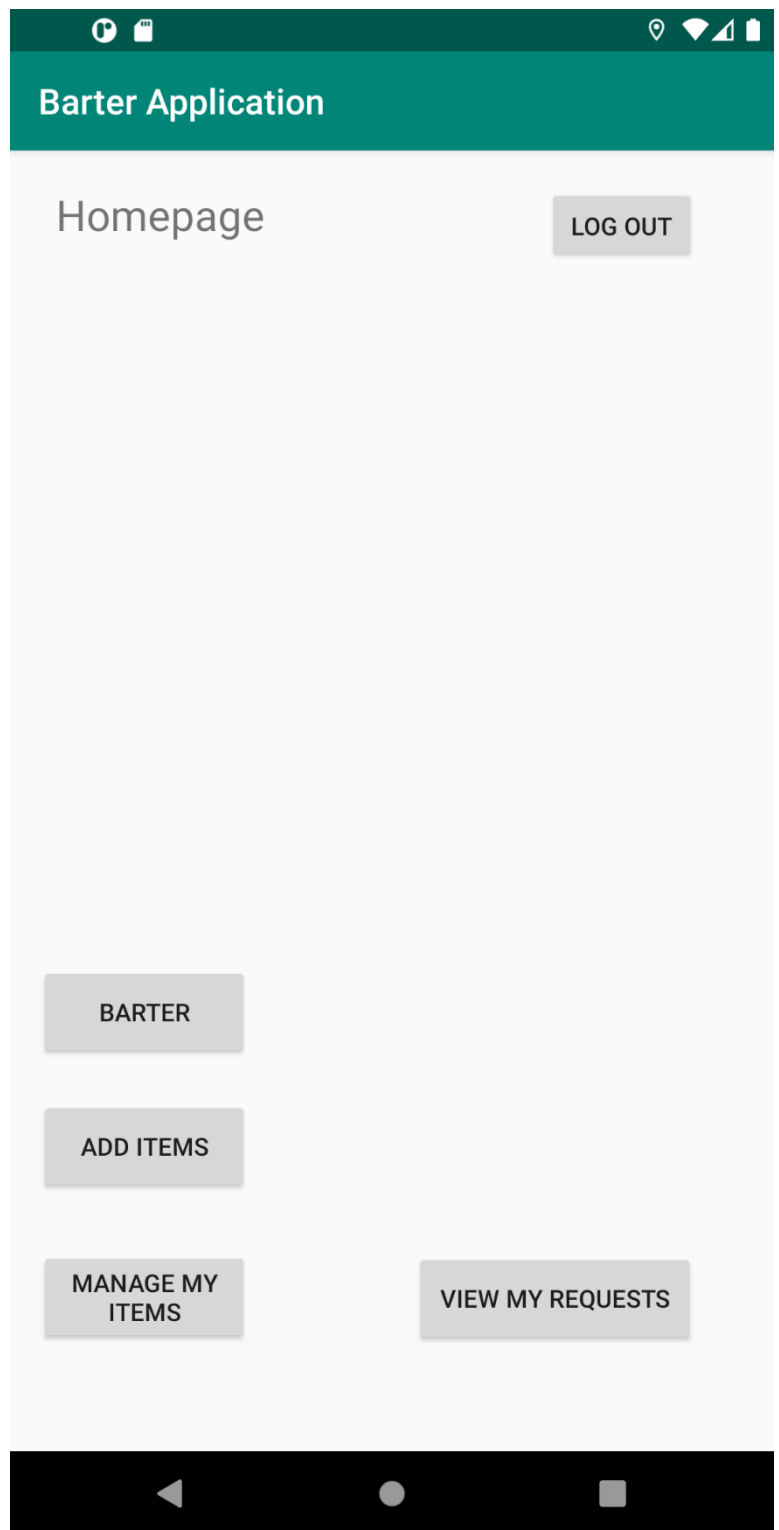


Users can register using email and password. After registration, they can use email and password to log in. If they forget their password, they can reset the password using their email. A reset link will send to the user to reset the password.

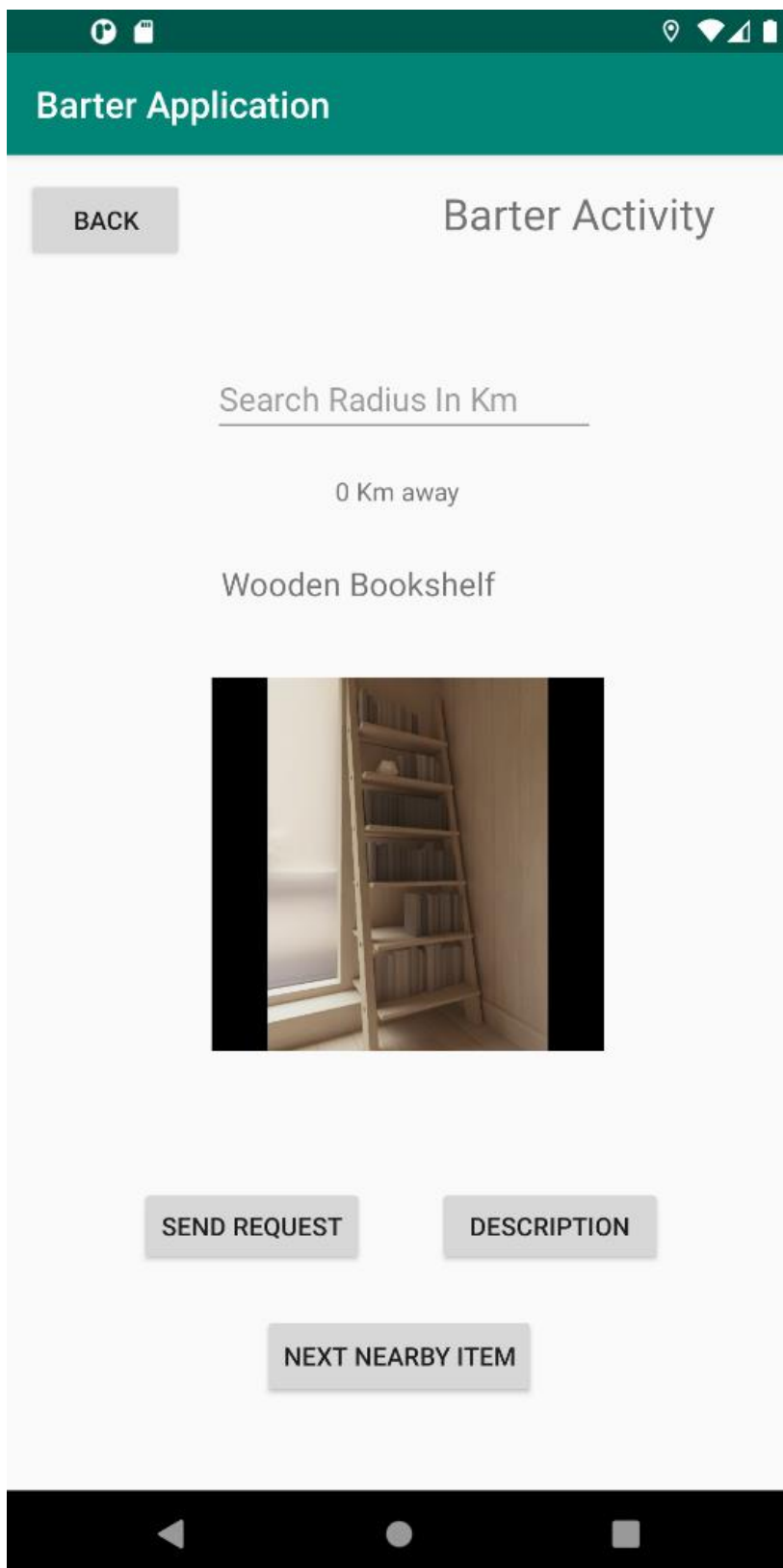
Homepage

- d) Barter
- e) Add Items
- f) Manage my items
- g) View My requests

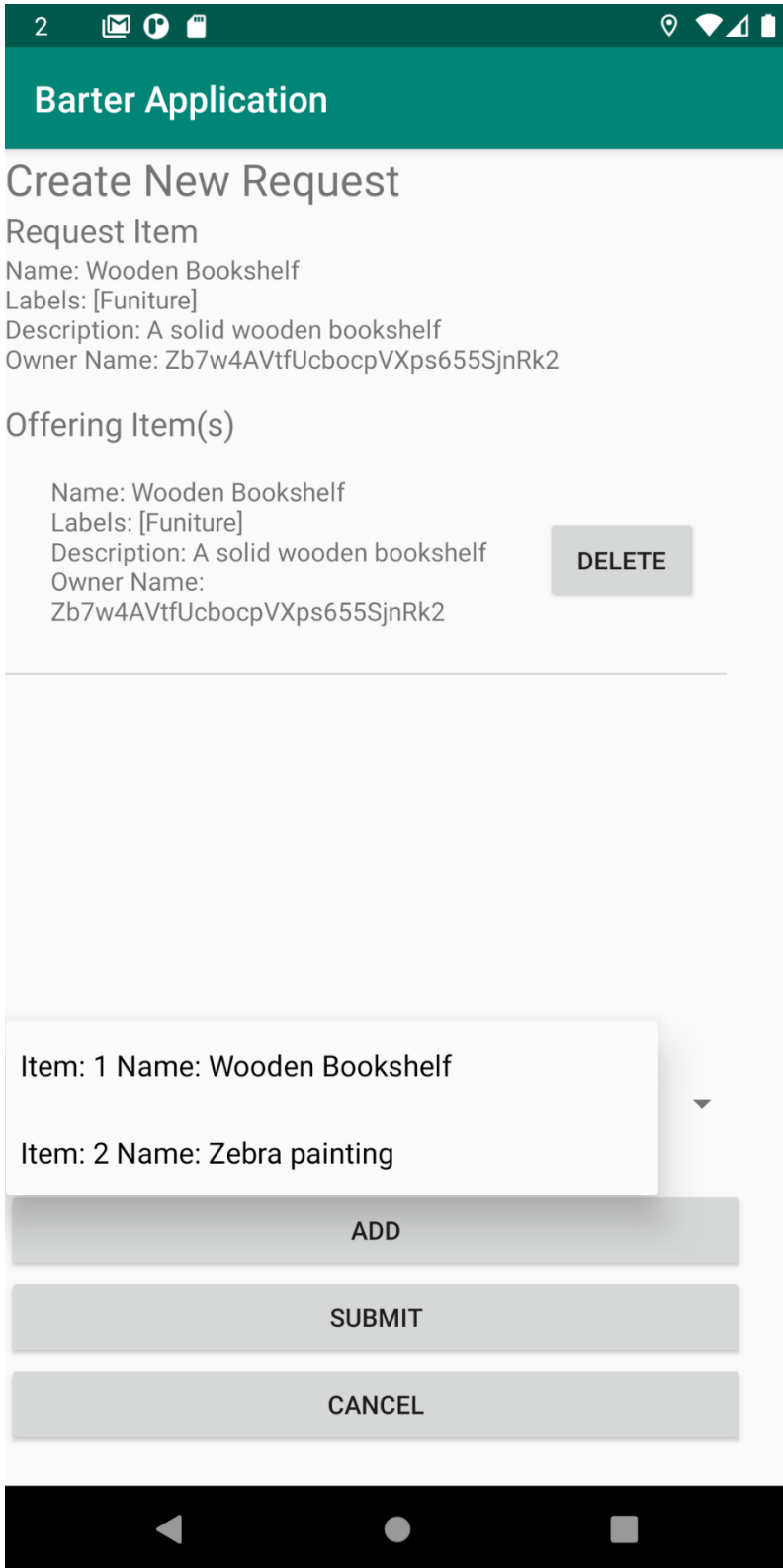
On the homepage, there are four parts. They are Barter, add items, manage my items and view my requests.



Barter

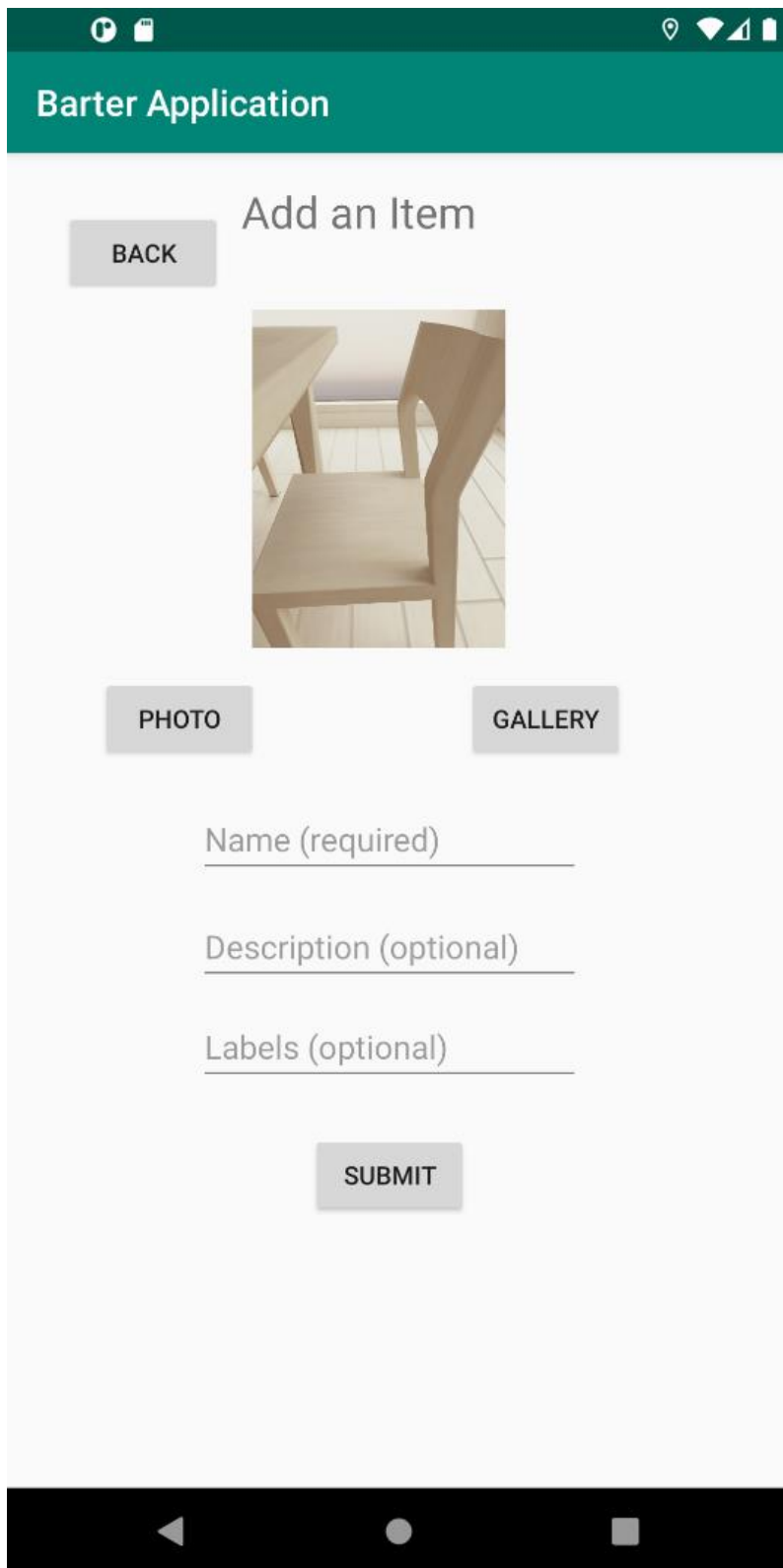


On the Barter page, users can browse nearby things. By clicking Description, they can view details of the item. They can send a request for bartering. They can also view other items by clicking next to nearby items.



When sending a request, the user needs to add item(s) to request a barter. Users can send the request by clicking the submit button.

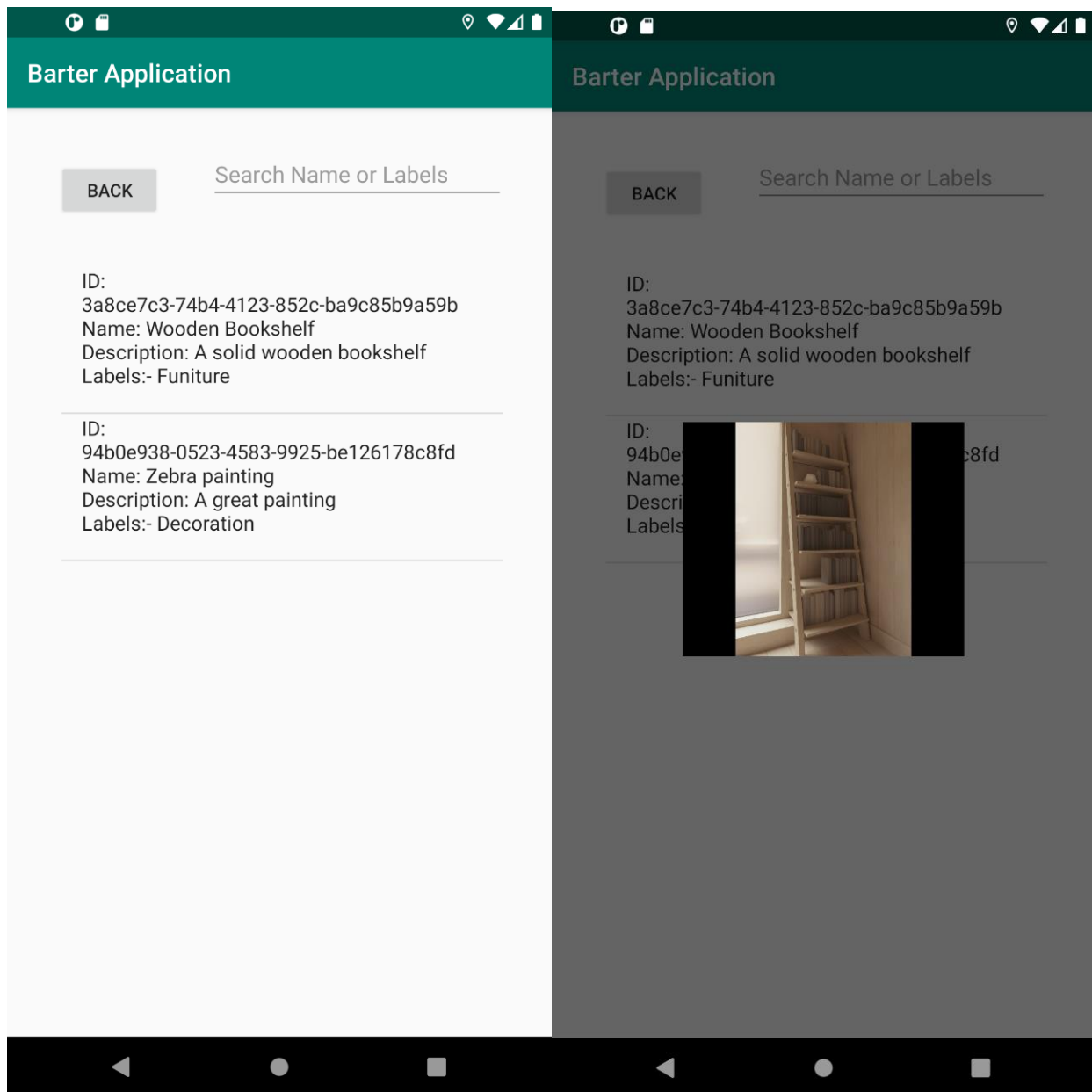
Add Items



The screenshot shows the 'Add an Item' screen of the 'Barter Application'. At the top is a teal header with the app name. Below the header, there's a 'BACK' button on the left. The main title 'Add an Item' is centered. Below the title is a photo of a wooden chair. Under the photo are two buttons: 'PHOTO' and 'GALLERY'. Below these are three text input fields labeled 'Name (required)', 'Description (optional)', and 'Labels (optional)'. At the bottom is a 'SUBMIT' button. The entire screen is framed by a black Android navigation bar at the bottom.

On the Add Item page, user can add new items. They can add photo for the item. Also, they can add name, description, and labels for items.

Manage my items



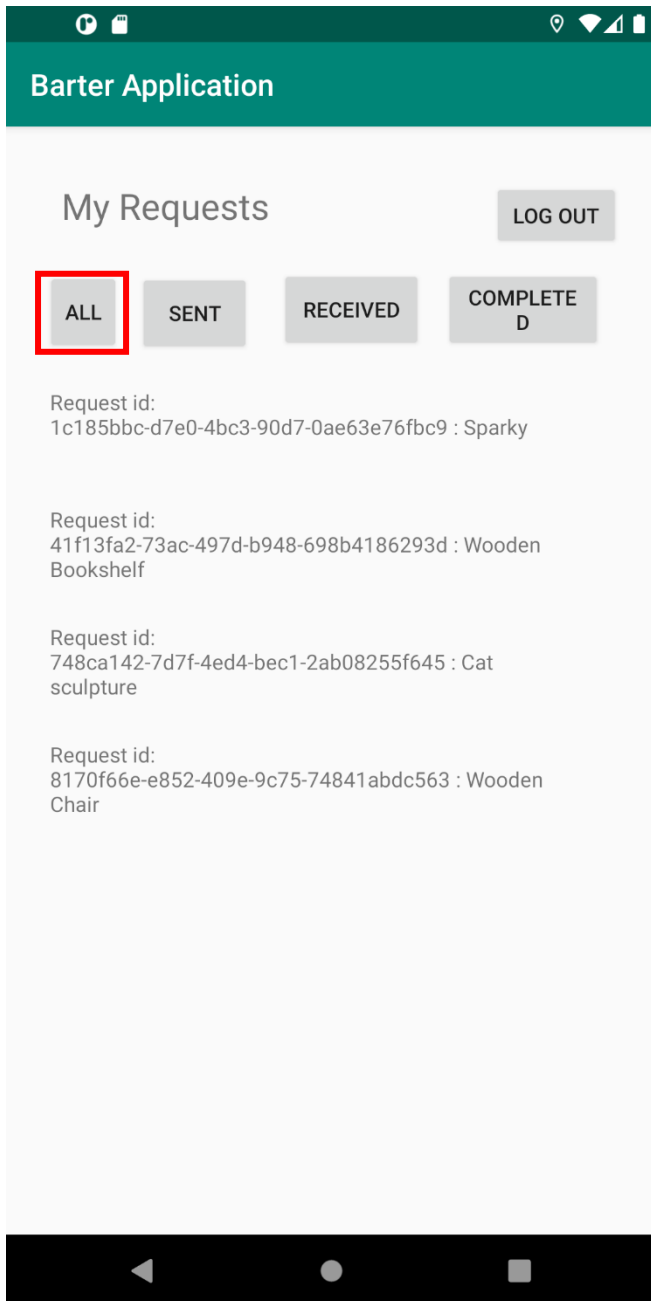
On the Manage my items page, users can manage items they added to the Add Item page. The screen shows a list of items, including ID, Name, Description, and Labels. They can search names or labels to filter items. When they click an item, its image will display.

View My requests

This page displays all requests. It has four buttons to help filter requests.

a) ALL filter

It shows all requests, including sent, received, and completed requests.



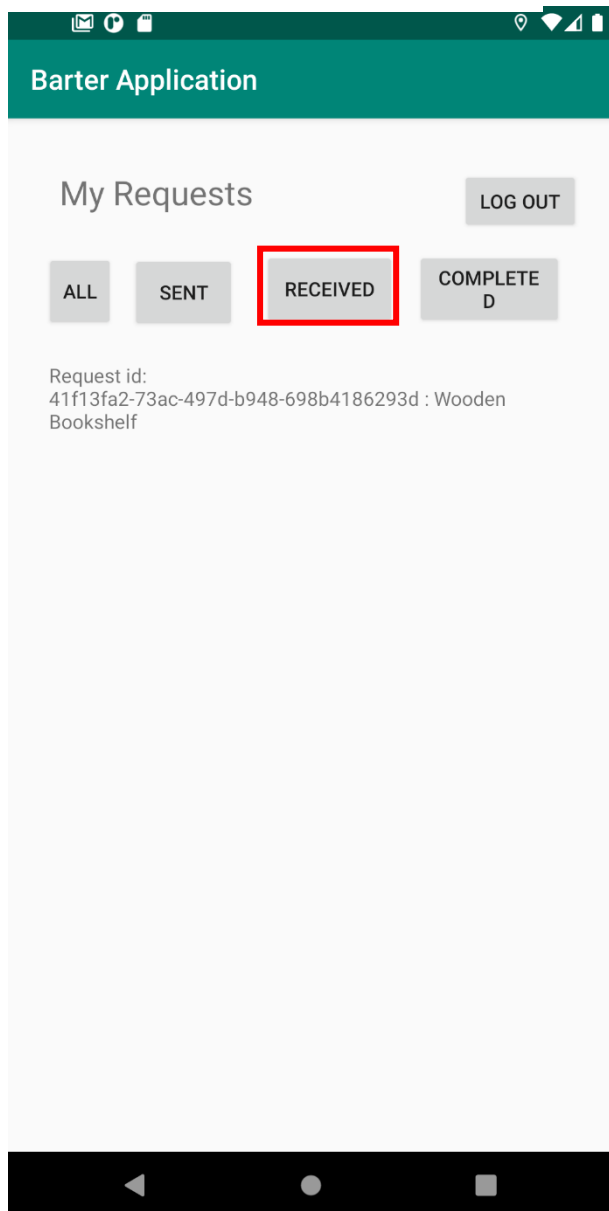
b) Sent filter

This filter shows all requests sent from the signed in user.

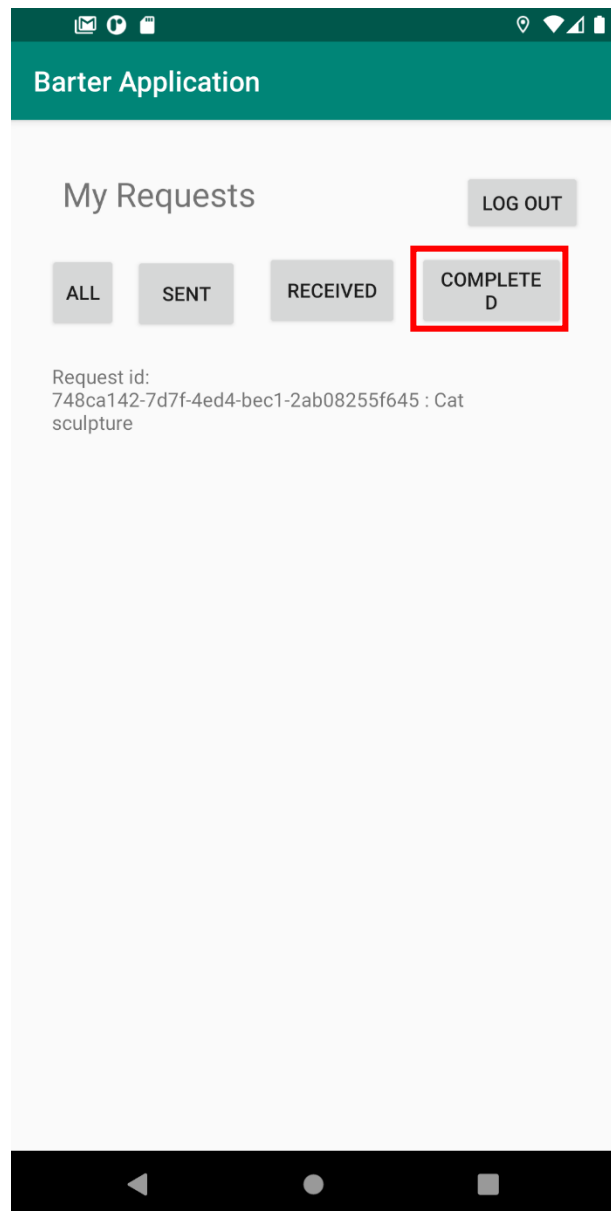


The View My Request will show all requests in a list. By clicking buttons, the list will filter requests. The All button will show all requests. The sent button is for send requests by the user. The received button displays all received requests from other users. The completed button will filter accepted or refused requests. These are historical requests for users to review. Users can delete records as they want.

c) Received filter

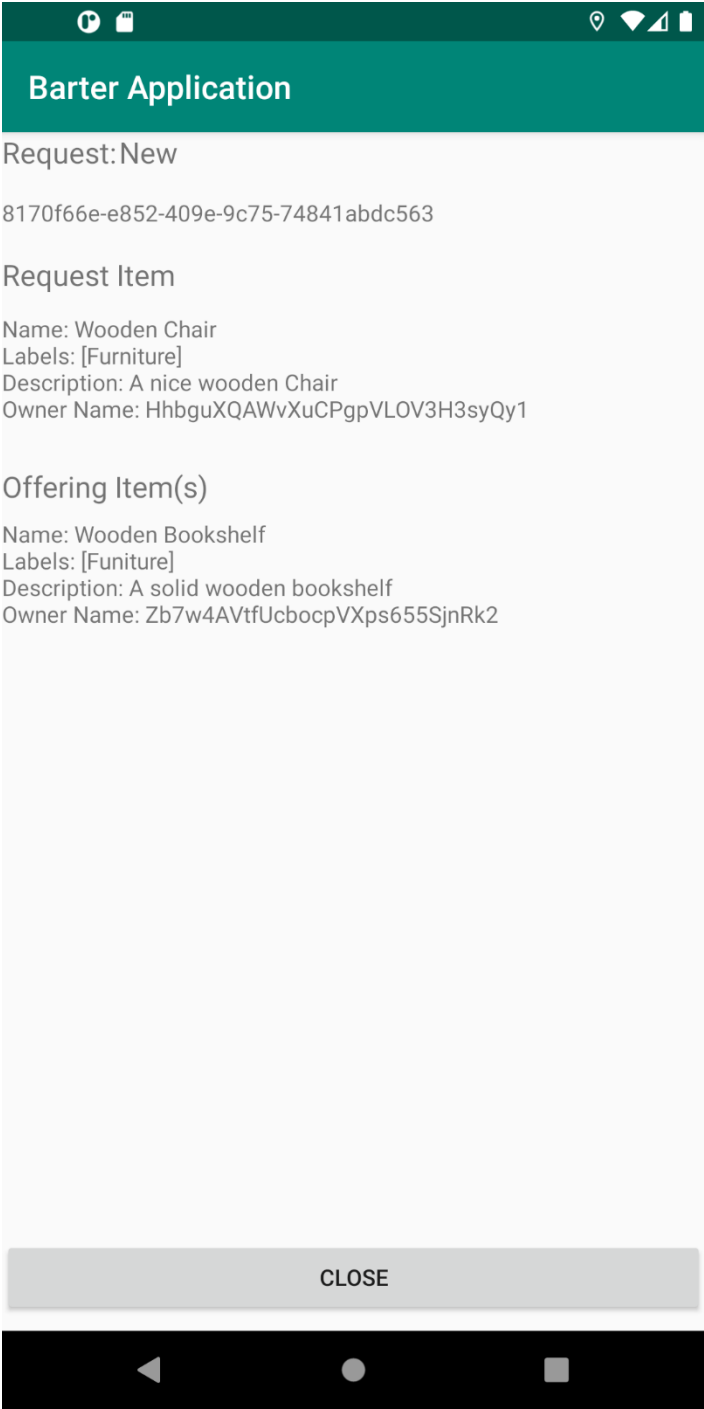


d) Complete filter

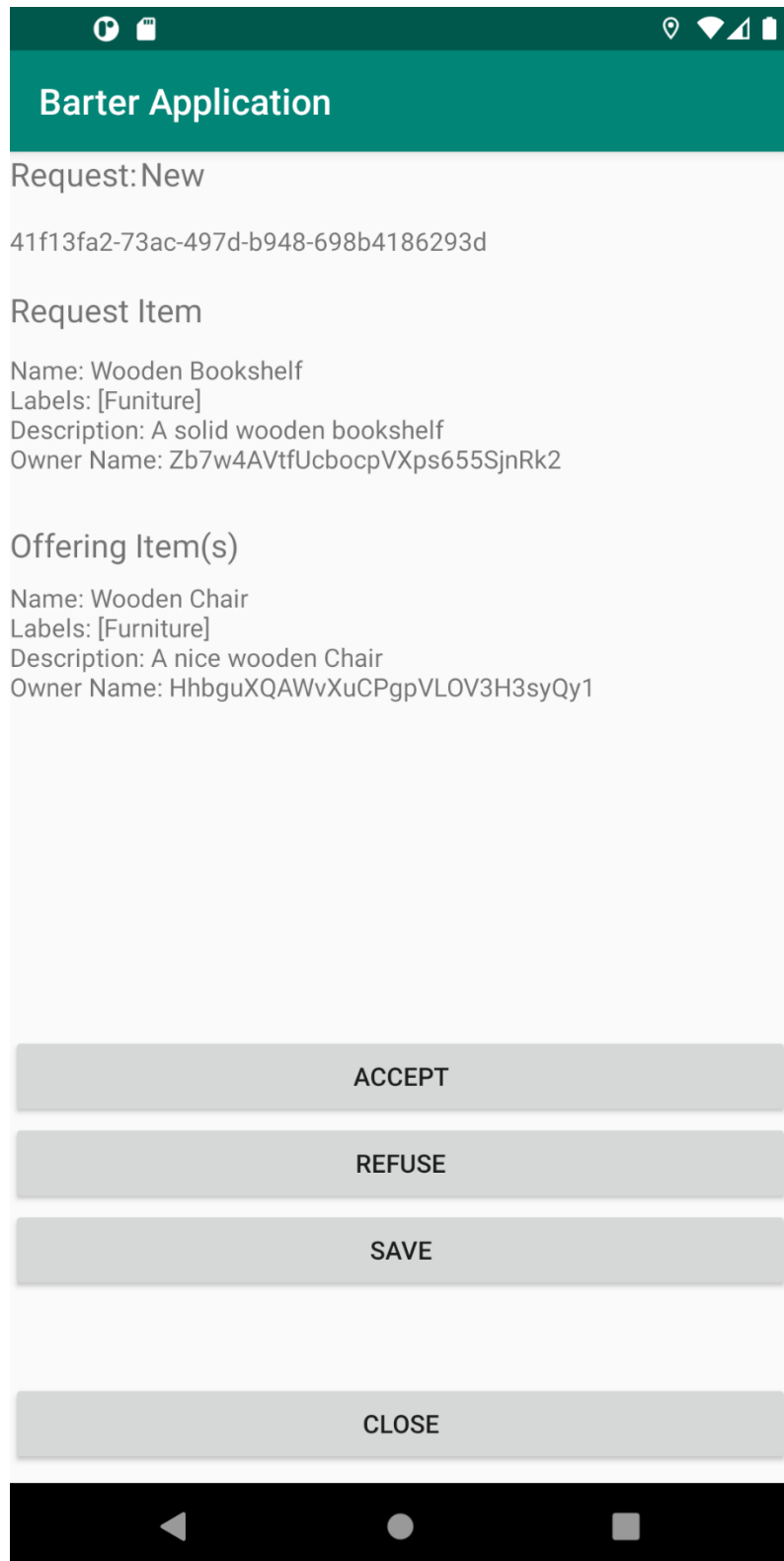


The Sent request

When open a sent request, details will display.

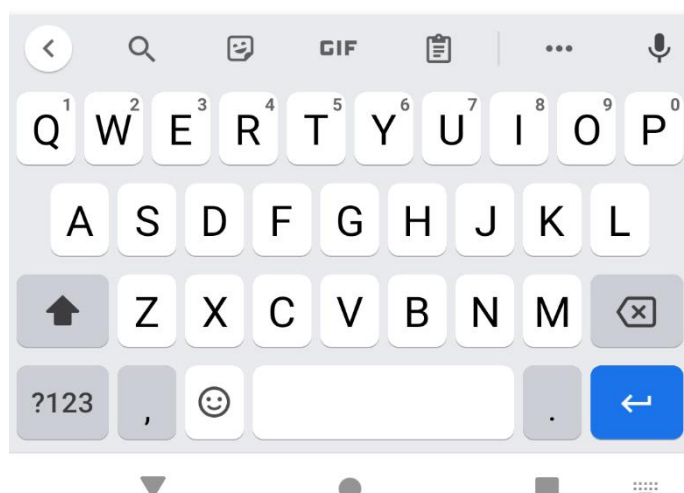
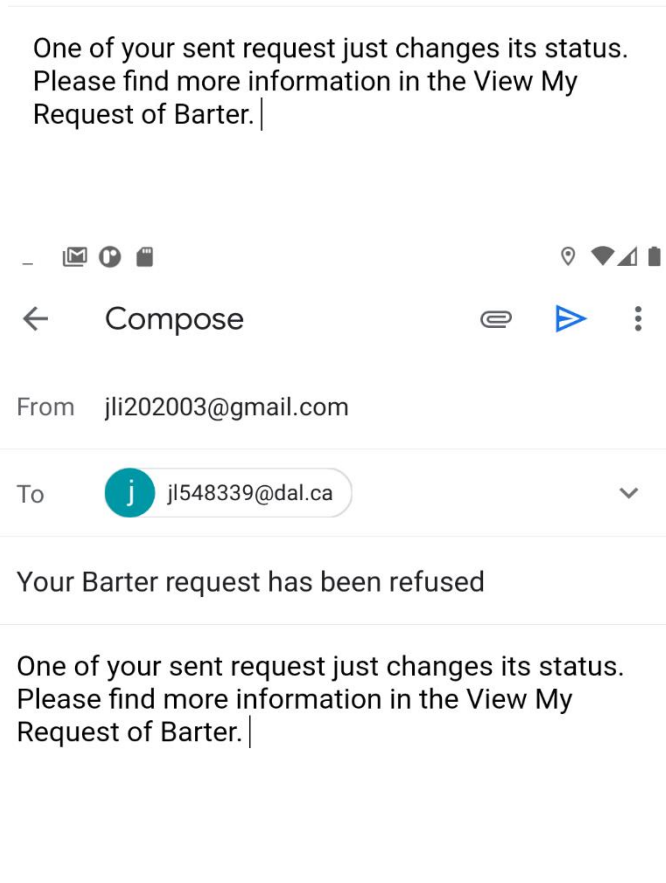
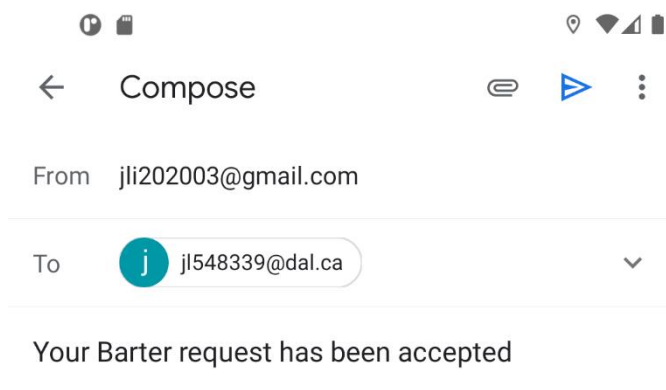
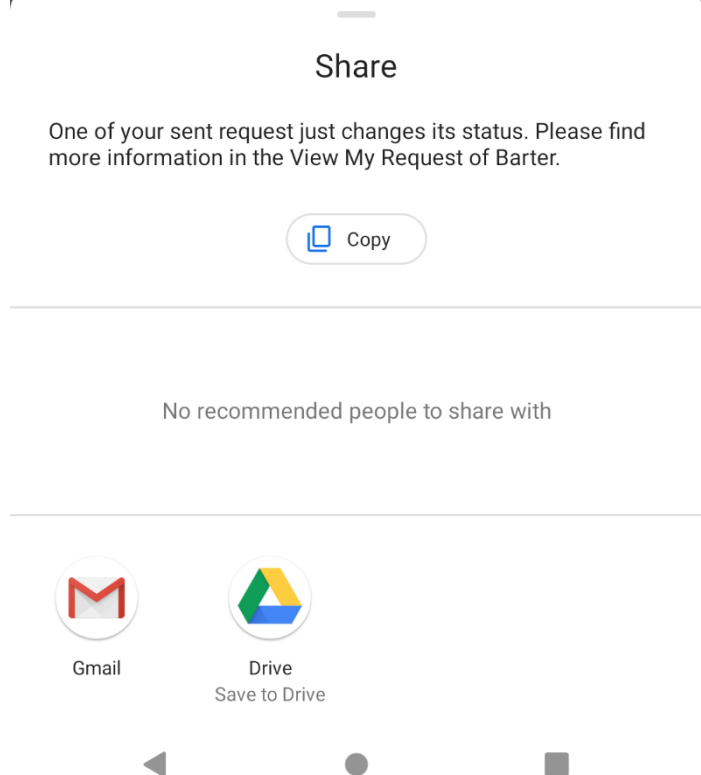
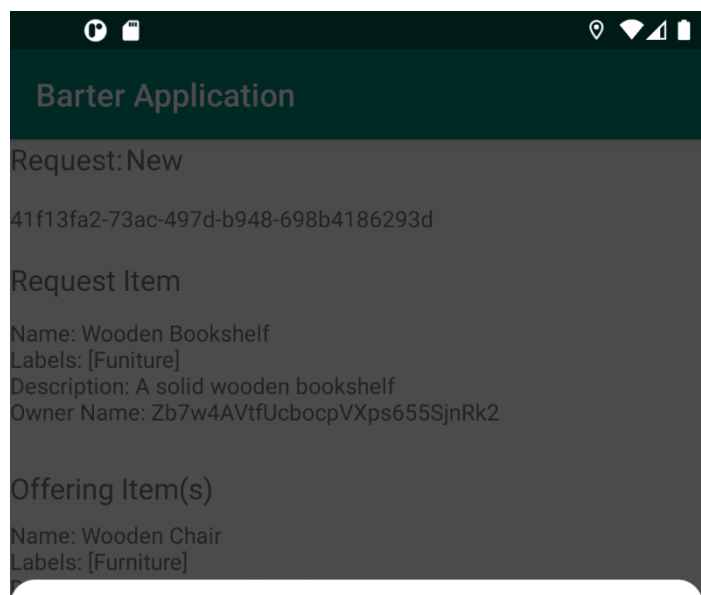


Received requests








When opening a received request, details will display. Users can either accept or refuse. The app will send an email to the requester to notify them.

Accept requests or Refuse requests will send user an email



Completed requests



Barter Application

Request: Completed

41f13fa2-73ac-497d-b948-698b4186293d

Request Item

Name: Wooden Bookshelf
Labels: [Furniture]
Description: A solid wooden bookshelf
Owner Name: Zb7w4AVtfUcbocpVXps655SjnRk2




Offering Item(s)






Name: Wooden Chair
Labels: [Furniture]
Description: A nice wooden Chair
Owner Name: HhbguXQAWvXuCPgpVLOV3H3syQy1

STATUS: ACCEPTED

DELETE

CLOSE





Barter Application

Request: Completed

41f13fa2-73ac-497d-b948-698b4186293d

Request Item

Name: Wooden Bookshelf
Labels: [Furniture]
Description: A solid wooden bookshelf
Owner Name: Zb7w4AVtfUcbocpVXps655SjnRk2

Offering Item(s)

Name: Wooden Chair
Labels: [Furniture]
Description: A nice wooden Chair
Owner Name: HhbguXQAWvXuCPgpVLOV3H3syQy1

STATUS: REFUSED

DELETE

CLOSE

