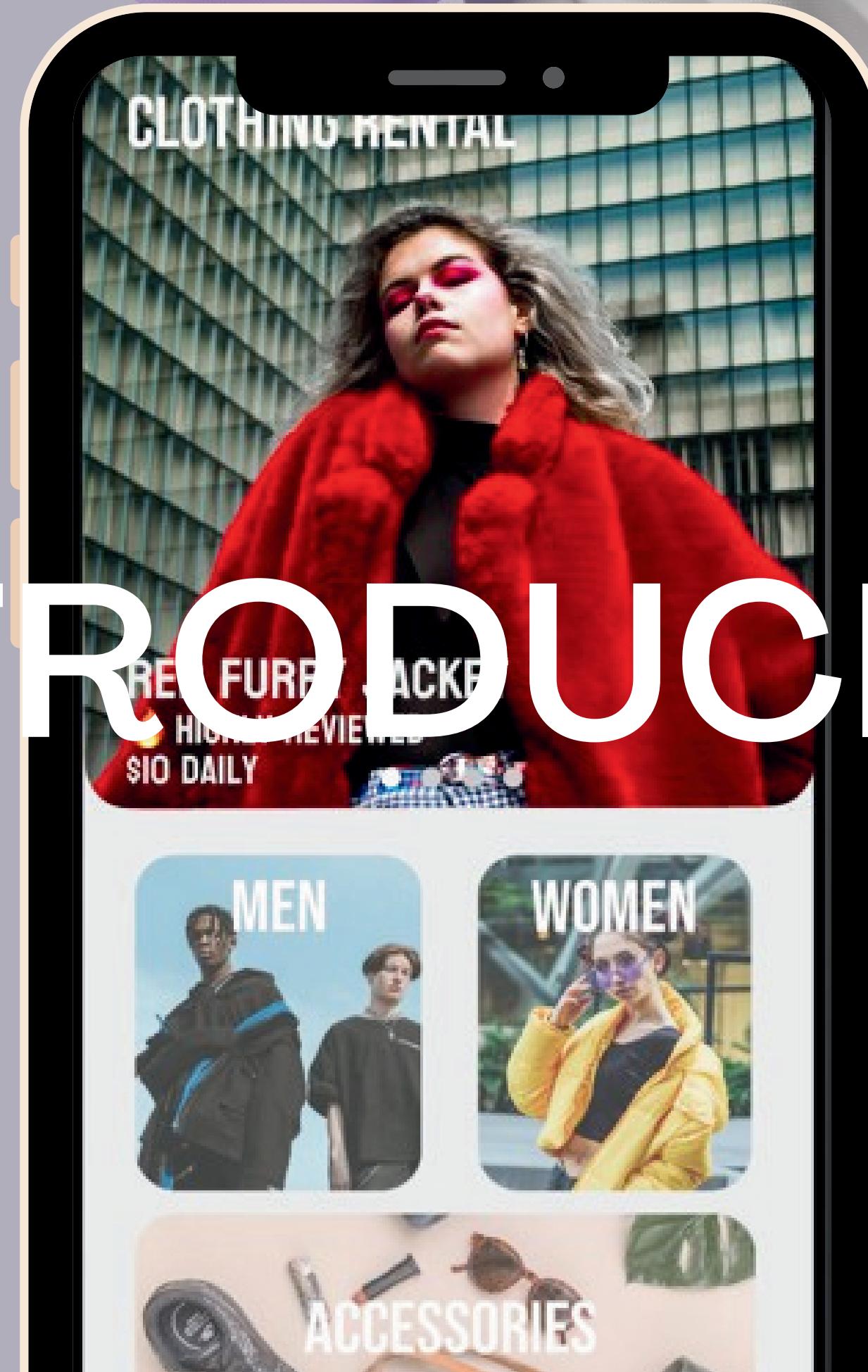


INTRODUCING





FLEXHAVEN

The background of the image features a stack of several pillows. The pillows are arranged in a somewhat overlapping manner, creating a sense of depth. They come in various colors, including shades of purple, green, yellow, and white. Each pillow has a distinct texture, ranging from smooth to highly patterned. The lighting is soft, highlighting the contours of the pillows and the individual fibers of their textures.

FLEXHAVEN

FLEX|HAVEN

**ARE YOU A STUDENT
WHO WANTS TO
ROCK THE LATEST
TRENDS WITHOUT
BREAKING THE
BANK?**





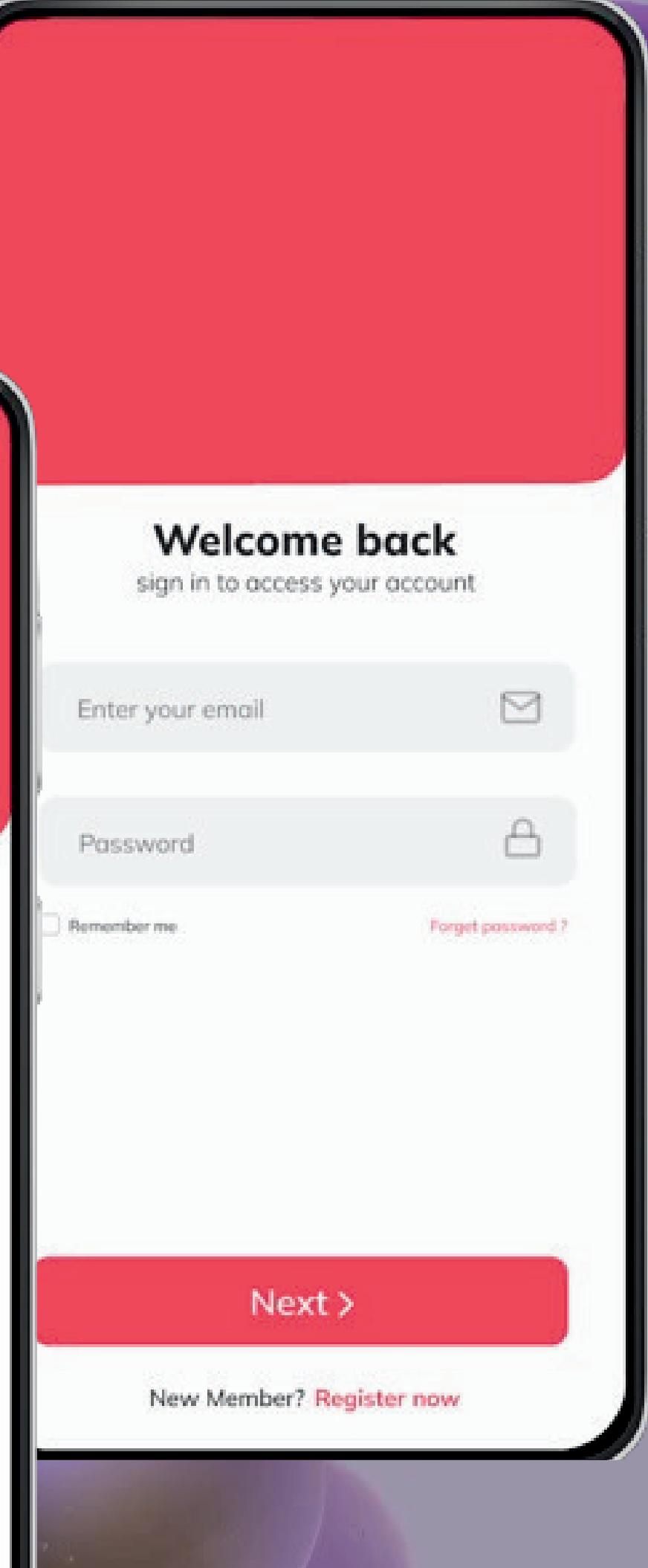
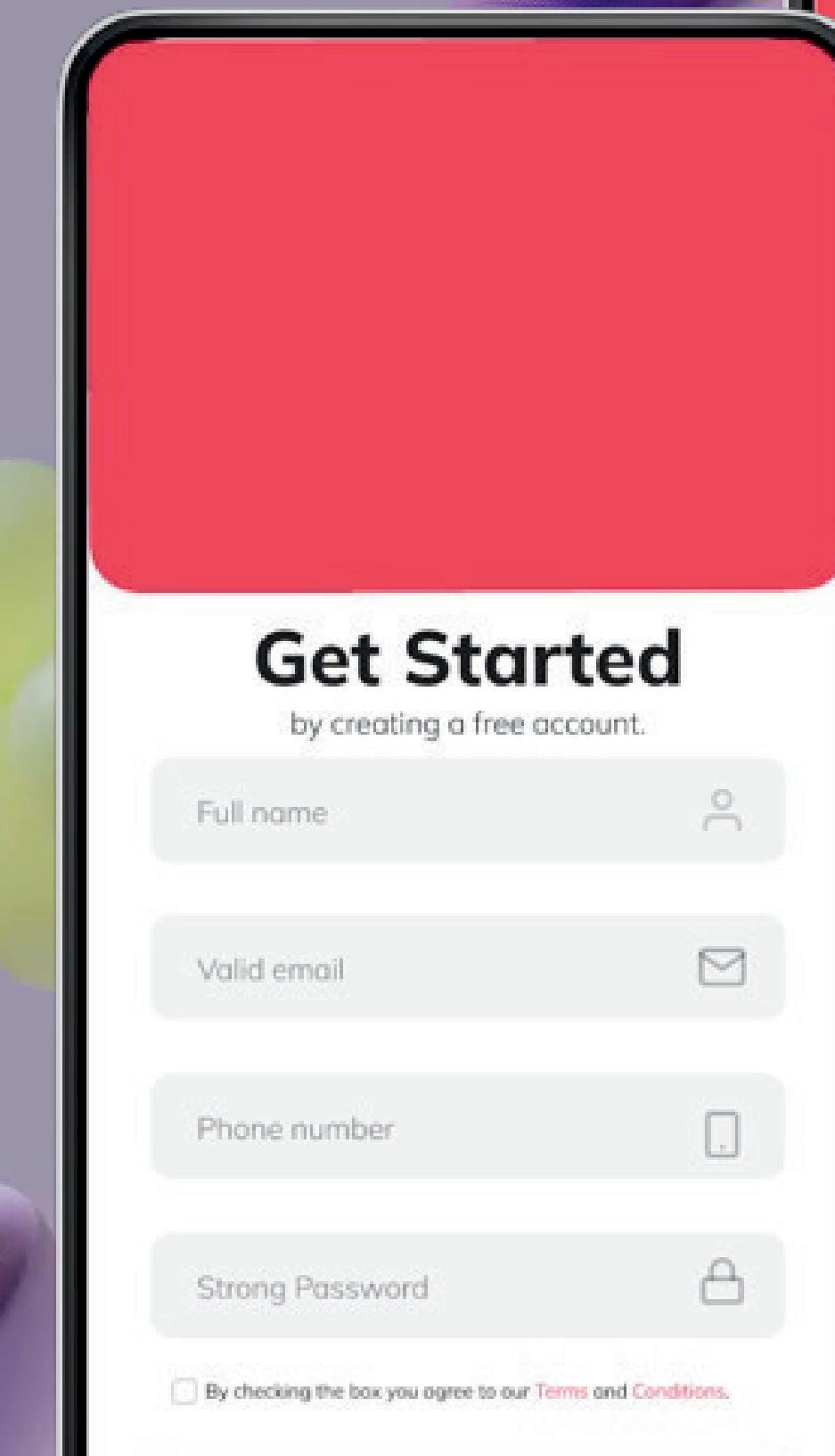
RENT WHAT YOU CRAVE



WITH
FLEXHAVEN



GET STARTED NOW



BROWSE THE
LATEST TRENDS
ON OUR
HOMEPAGE

YOU CAN ALSO BROWSE BASED ON
CATEGORIES

CLOTHING RENTAL

RED FURRY JACKET
HIGHLY REVIEWED
\$10 DAILY

MEN



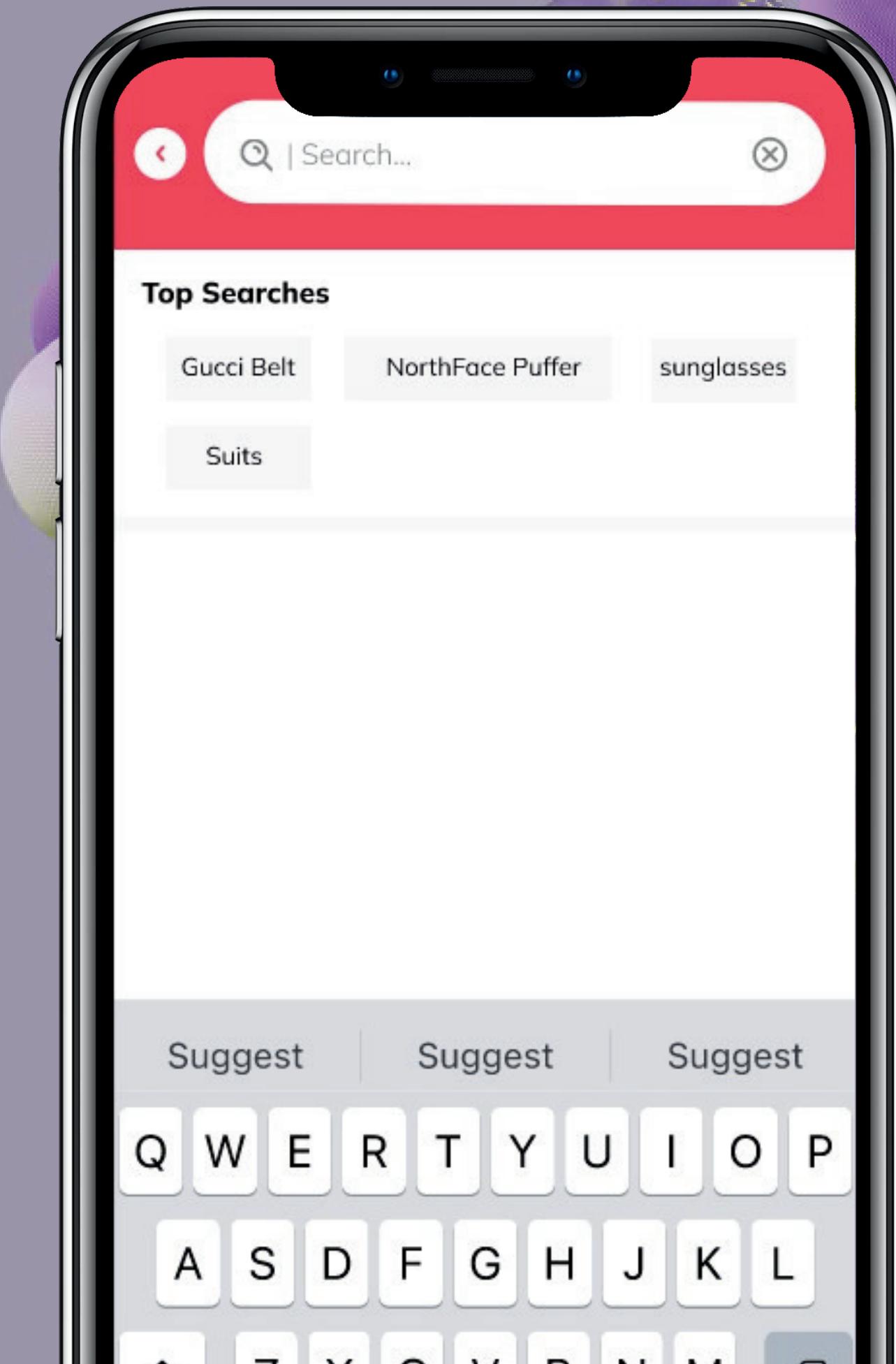
WOMEN



ACCESSORIES

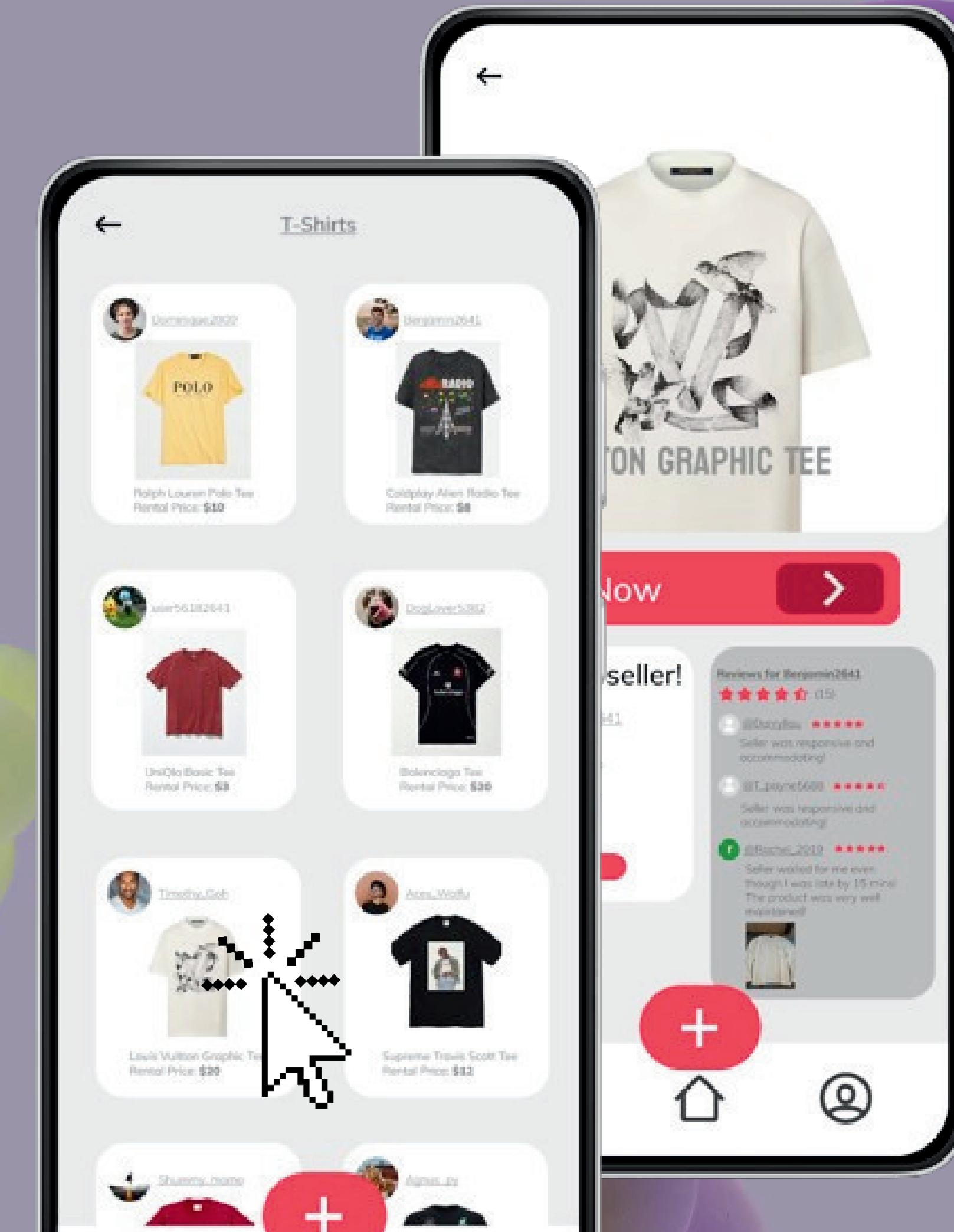


**BROWSE
FURTHER WITH
THE SEARCH
BAR**



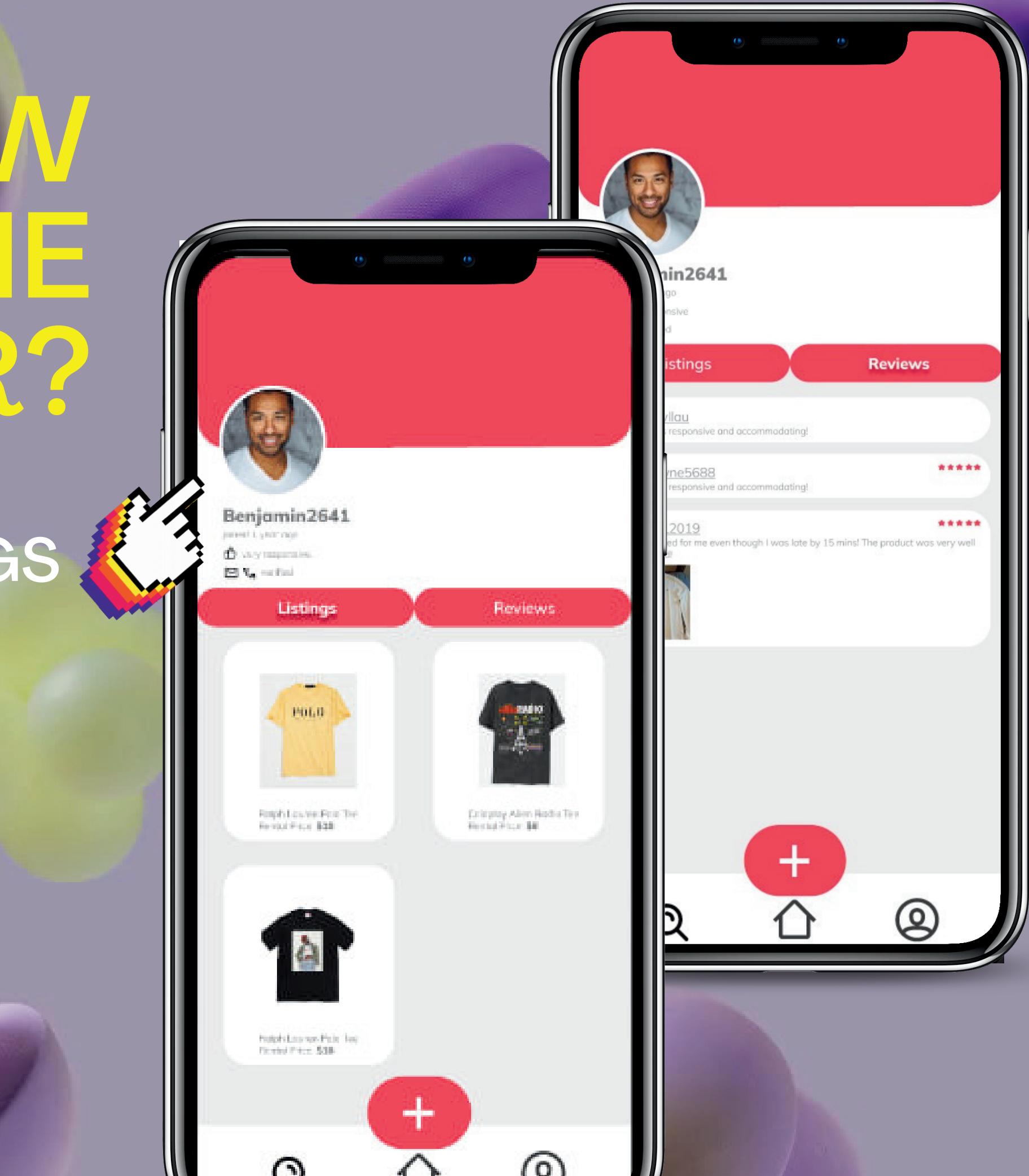
USE THE LISTINGS PAGE TO PICK YOUR FAVOURITE ITEM

TAP ON THE ITEM TO LEARN THE
PRODUCT DETAILS



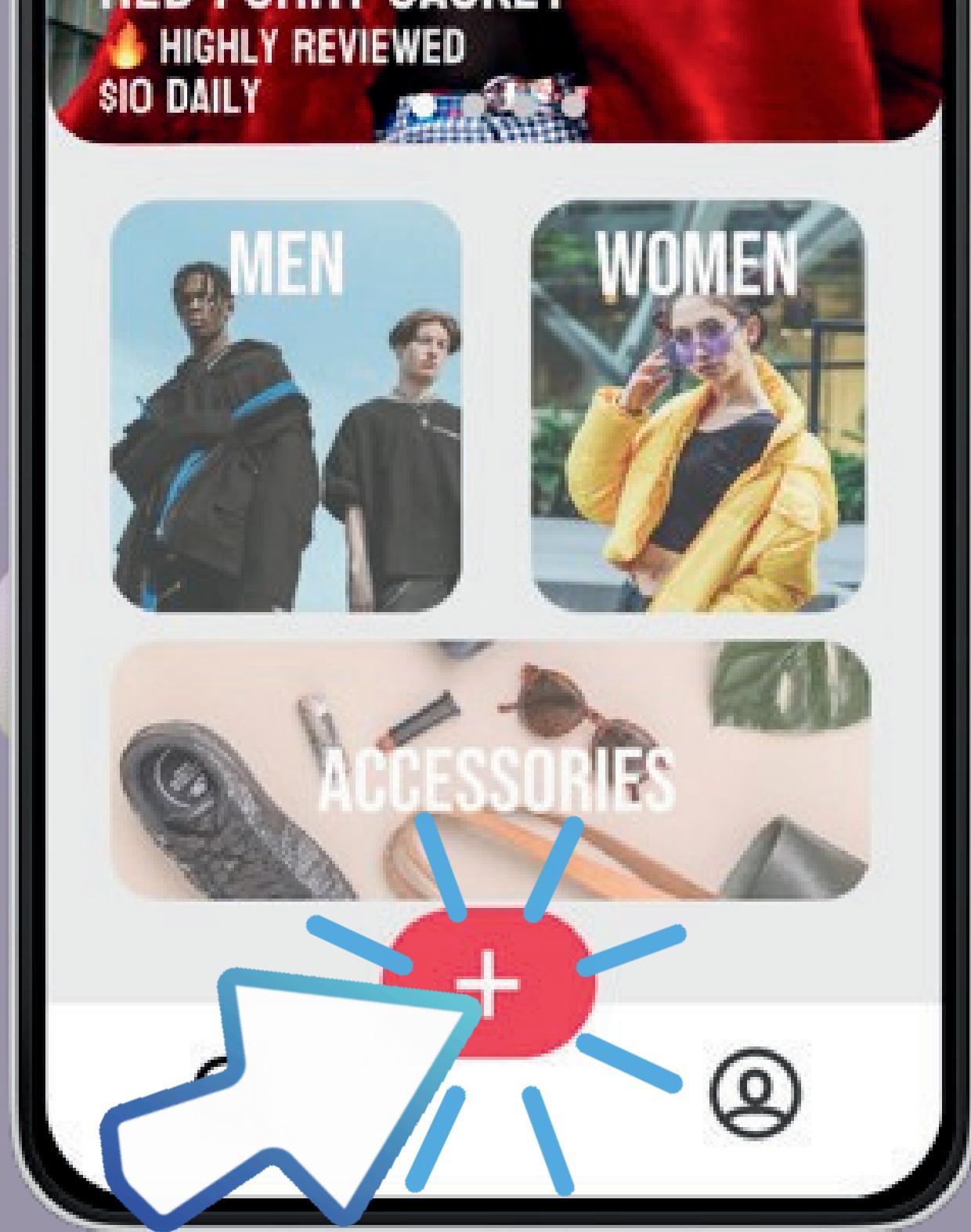
WANT TO KNOW MORE ON THE SELLER?

TAP ON THEIR PROFILE TO KNOW
MORE ABOUT THEIR PAST LISTINGS
AND PRODUCT REVIEWS



WANT TO BECOME A SELLER?

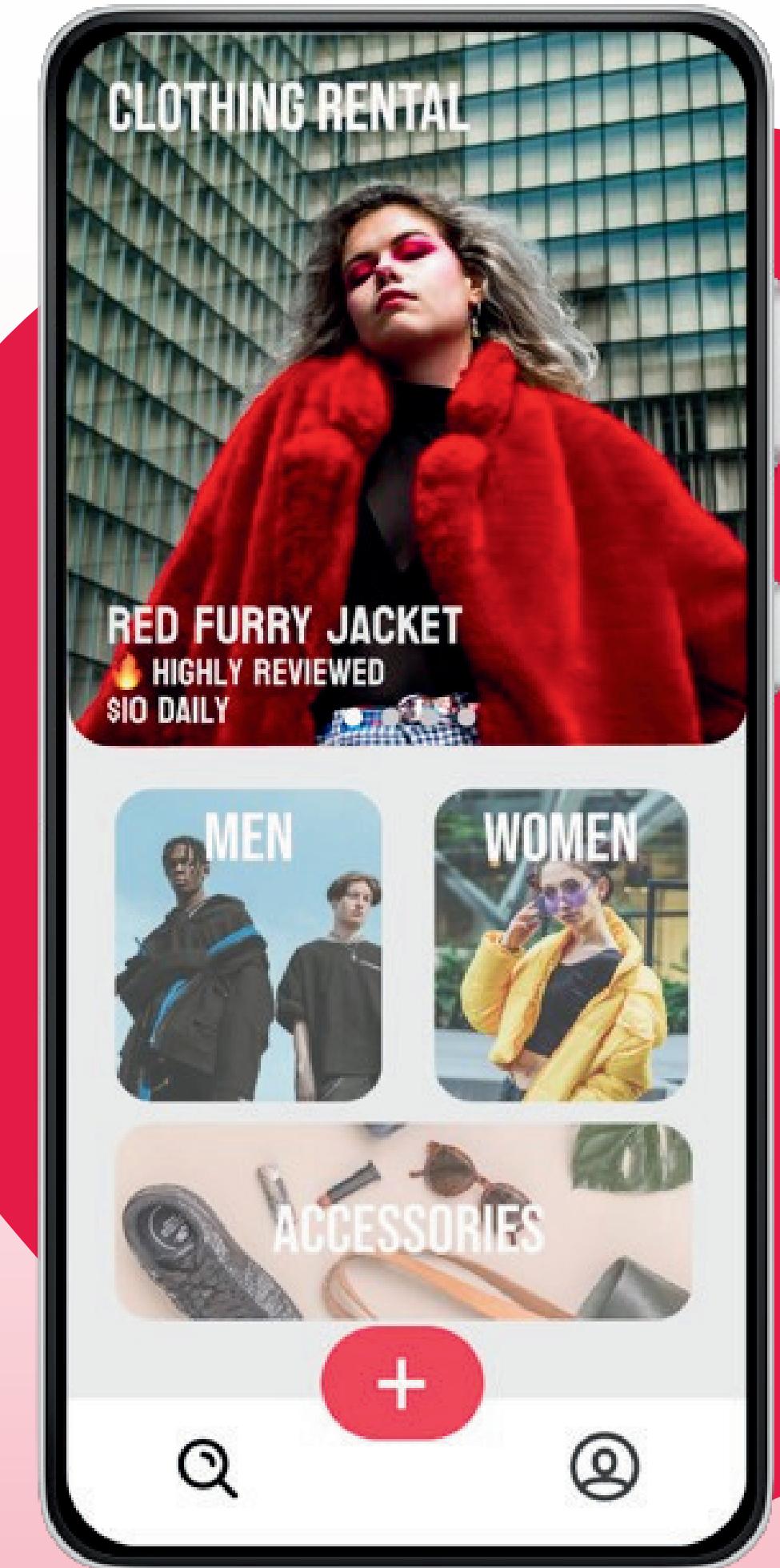
CLICK ON THE RED BUTTON BELOW
TO RENT YOUR ITEMS



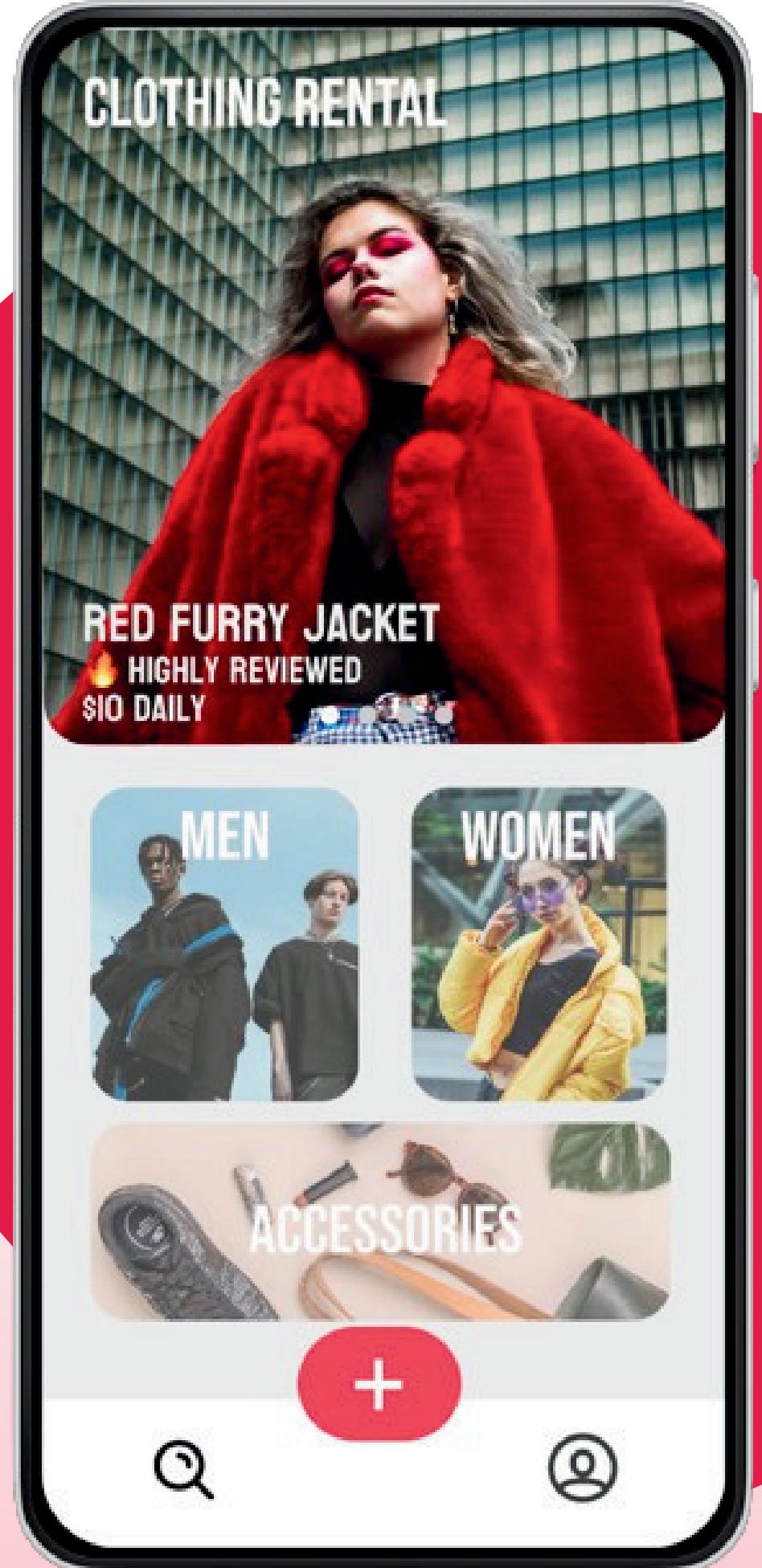
WHAT ARE YOU

WAITING FOR?

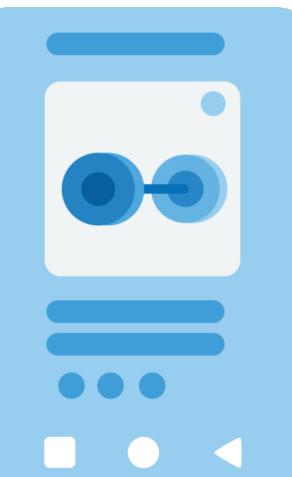
**START
RENTING
WITH
FLEXHAVEN**



HOW DID WE DO IT?



USER INTERFACE



USING ANDROID STUDIO

- USED BUTTONS INPUT FIELDS AND SCROLLABLE VIEWS TO MAKE PAGES MORE INTERACTIVE
- USED CARDVIEWS AND RELATIVE LAYOUTS TO CREATE DEPTH AND TEXTURE

DATA STRUCTURES

01 Data storage

Firebase

- to store user and item classes

02 Local storage

ArrayList implemented with priority queue

- To place items so that users with more points will have their items displayed

03 Item Display

RecyclerView

- Dynamically display items

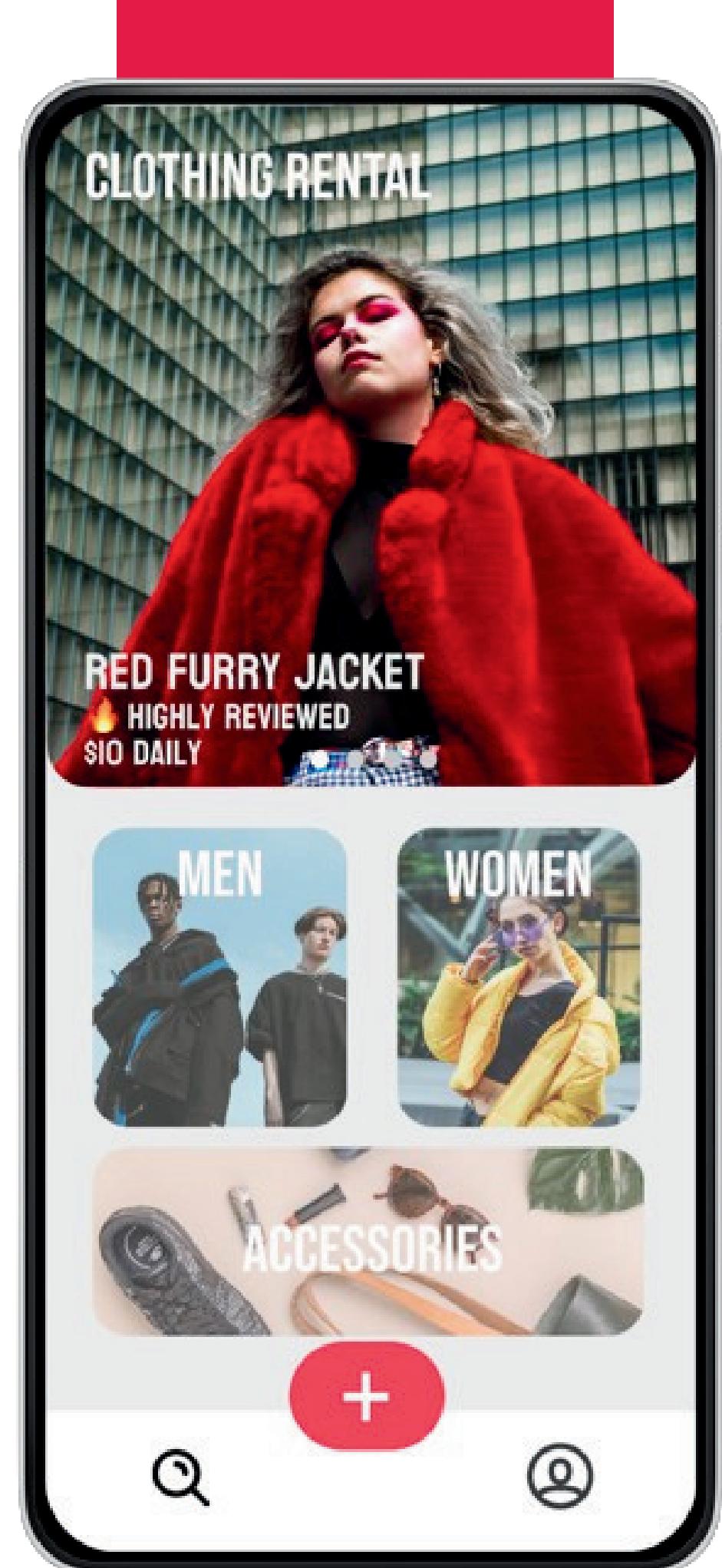


AND BY PRACTICING GOOD OOP PRINCIPLES

- SINGLETON AND ENCAPSULATION
- ROBUST DATA HANDLING AND UI FLEXIBILITY
- OBJECT ORIENTED BEST PRACTICES AND LOGIC ENCAPSULATION



**RENT NOW
WITH
FLEXHAVEN**



BROUGHT TO YOU BY:

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