IN THE NAME OF GOD

KHEFT

Mobile programming project

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1. Project Overview

The initial idea of this project was sparked by [a telegram group](#) created by several SUT students to help others sell their books and get other books that they want.

The system is easy. You either want a specific book and search for it in that group, find the book and contact the person who posted the message. Or you have a book that you want to sell, so you post it to that group and wait to get a message from a potential buyer.

This system has several weaknesses and that made us think of a better way to buy and sell used books. Let's list a few of them:

1. It doesn't have any regulation and messages can get lost in there easily.
2. There are no regulations for categorizing books.
3. Potential buyers can't put an eye on a specific book and go back to it later.
4. At the end of the day, it's just a telegram group and can't fulfill the user experience that an application gives users.
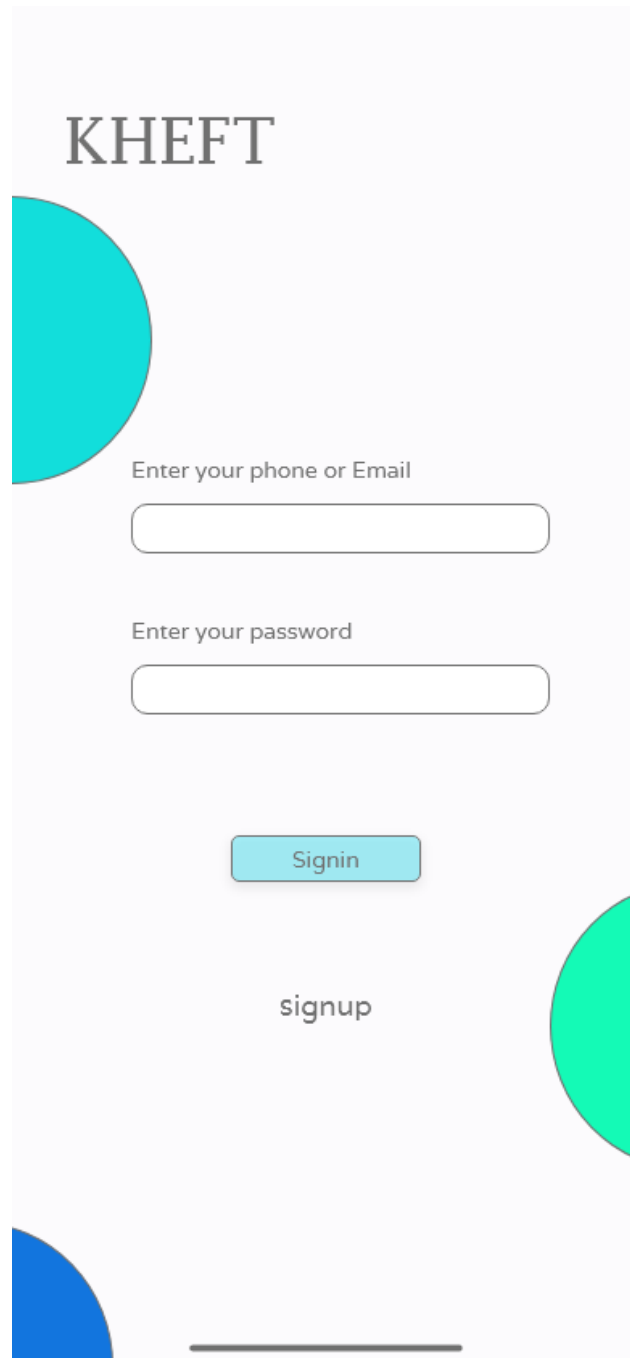
So we came up with the idea of KHEFT, influenced by the name of the telegram group.

2. User Experience

This application was designed to bring simplicity and focus on the main application of it which is buying and selling used books with ease.

User Interface was designed with Adobe XD and we will see all pages in the following.
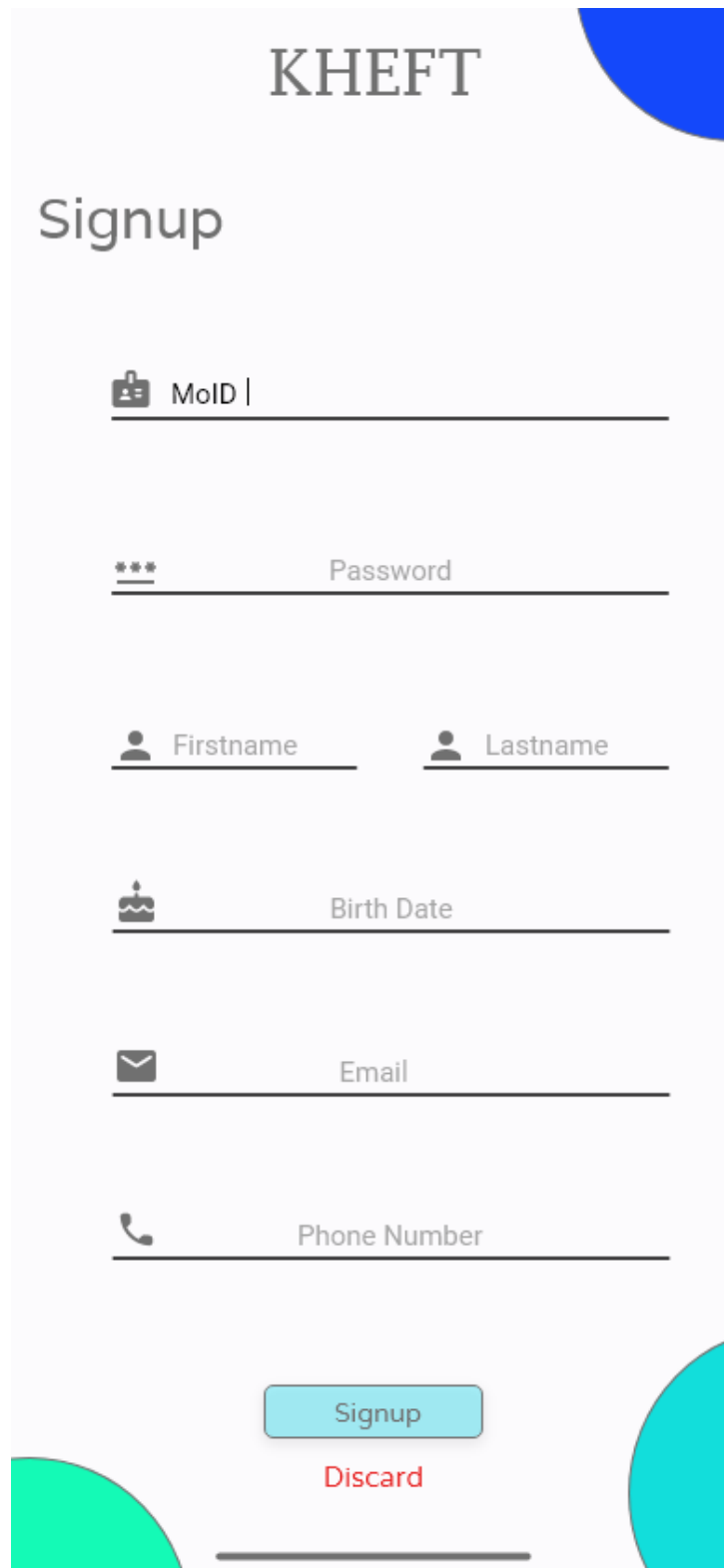
a. Sign In Page

KHEFT

Enter your phone or Email

Enter your password

Signin

signup

b. Sign up Page

KHEFT

Signup

MoID |

Password

Firstname   Lastname

Birth Date
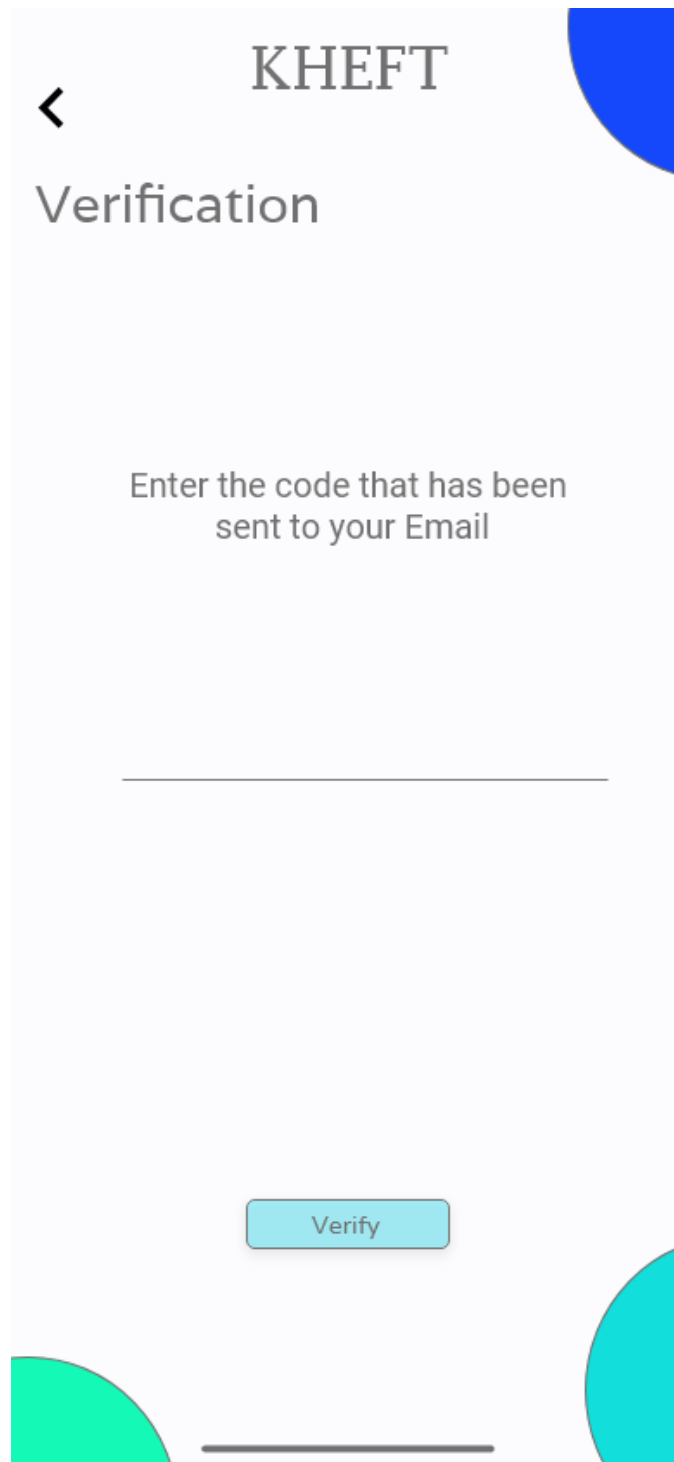
Email

Phone Number

Signup

Discard

c. Verification Page

KHEFT

Verification

Enter the code that has been
sent to your Email

_____

Verify

*: After you sign up or sign in, you get a code on your email(later will be available on phone number too) to verify your identification.
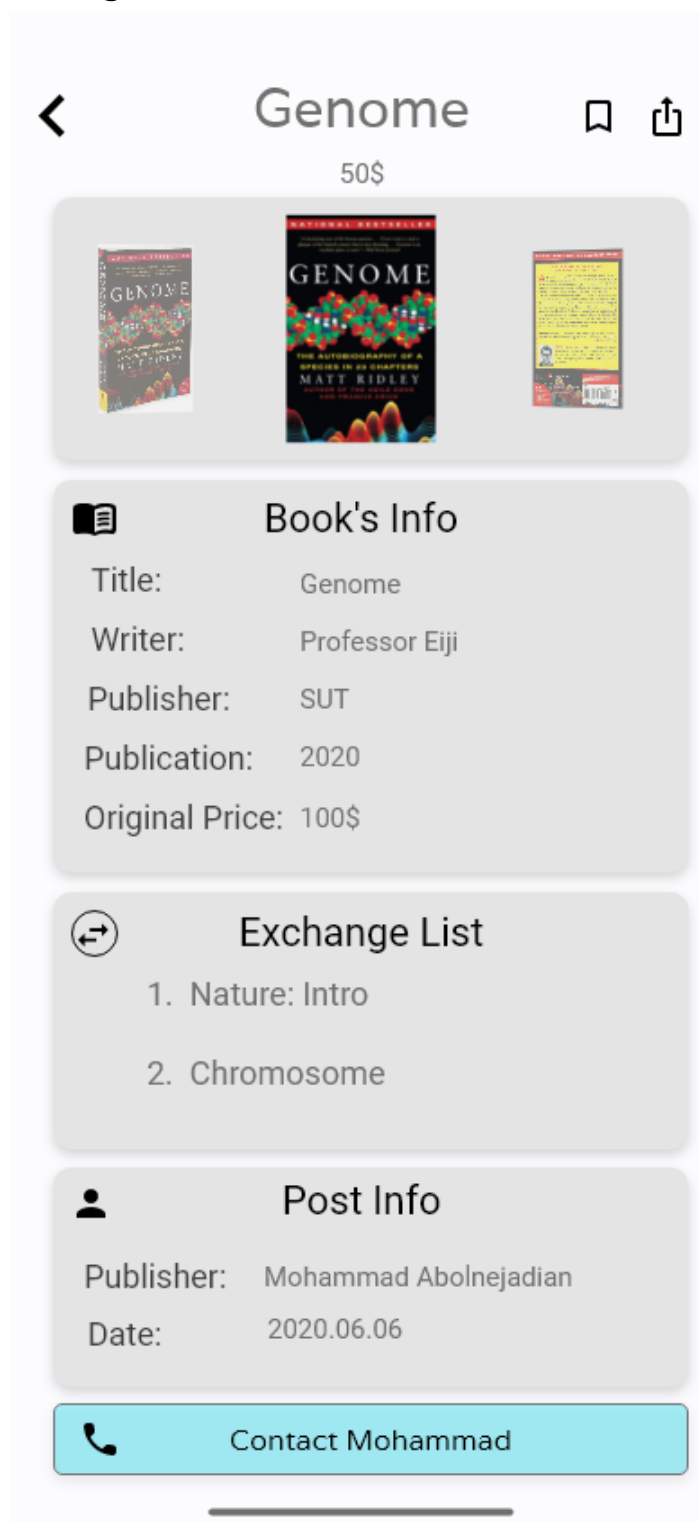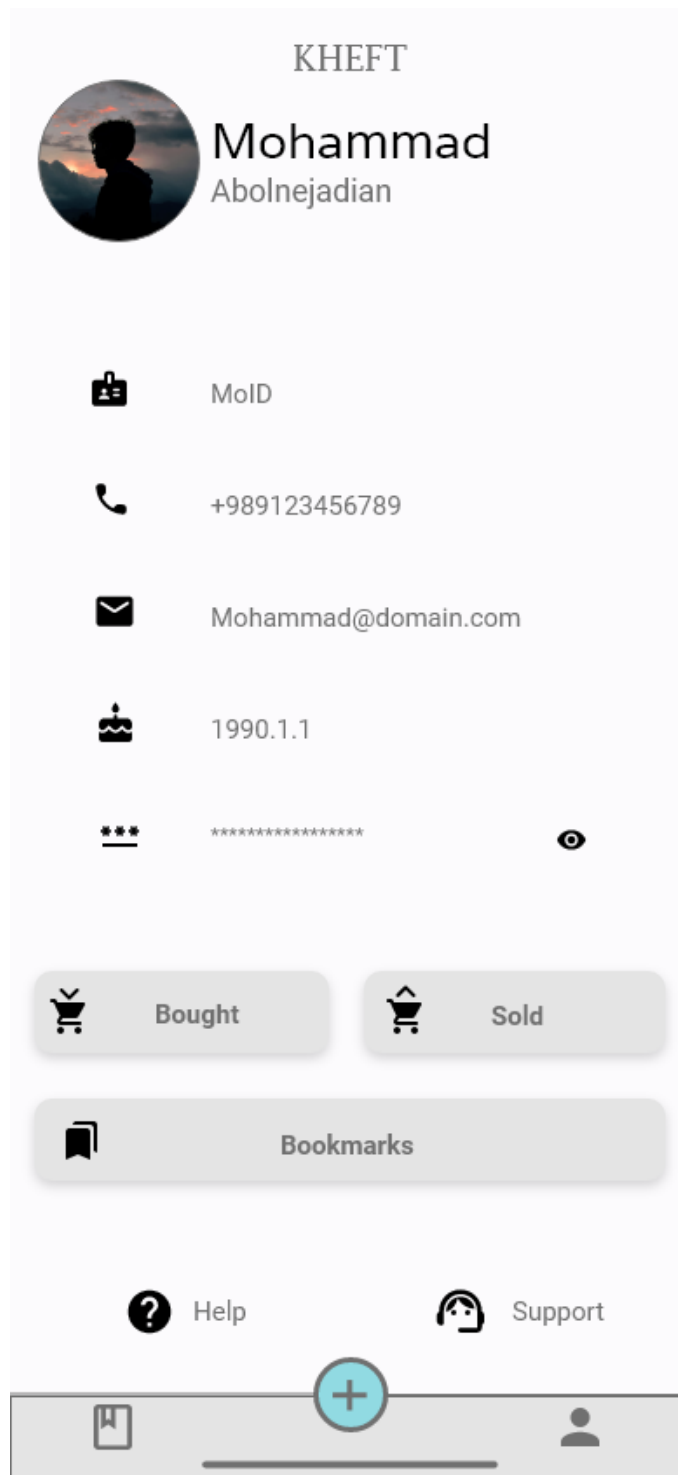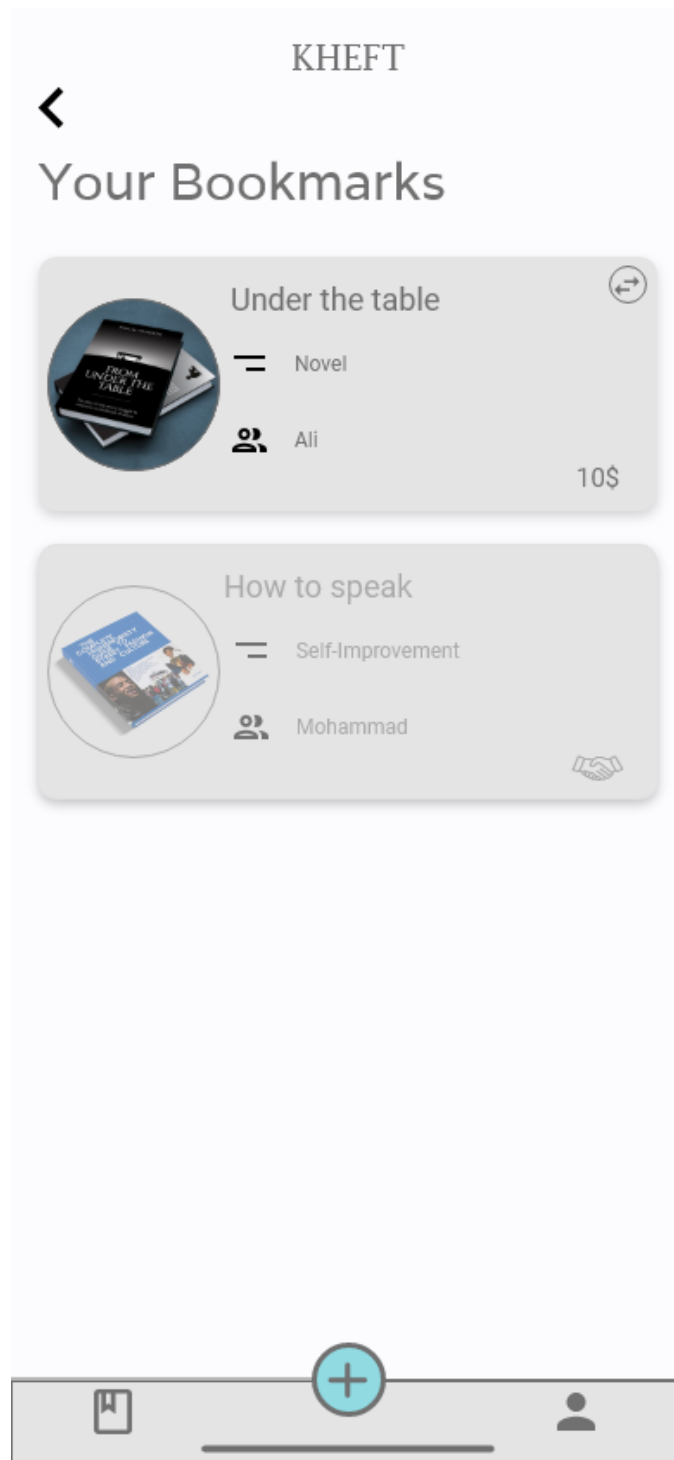
KHEFT

d. Main page(all books)

KHEFT

All Books

Industrial Design
- Architecture
- Saber
- 99$

Bicycle
- Sports
- Alex
- 26$

Under the table
- Novel
- Ali
- 10$

How to speak
- Self-Improvement
- Mohammad

e. Cateogries Page

Categories ✕

Architecture   ›
_____

Design   ›
_____

Lifestyle   ›
_____

Engineering   ›
_____

School   ›
_____

University   ⌄

    All

    Art

    Cinema

    Computer Engineering

    Management

    Physics

    Matehmatics
_____

Novel   ›

_____
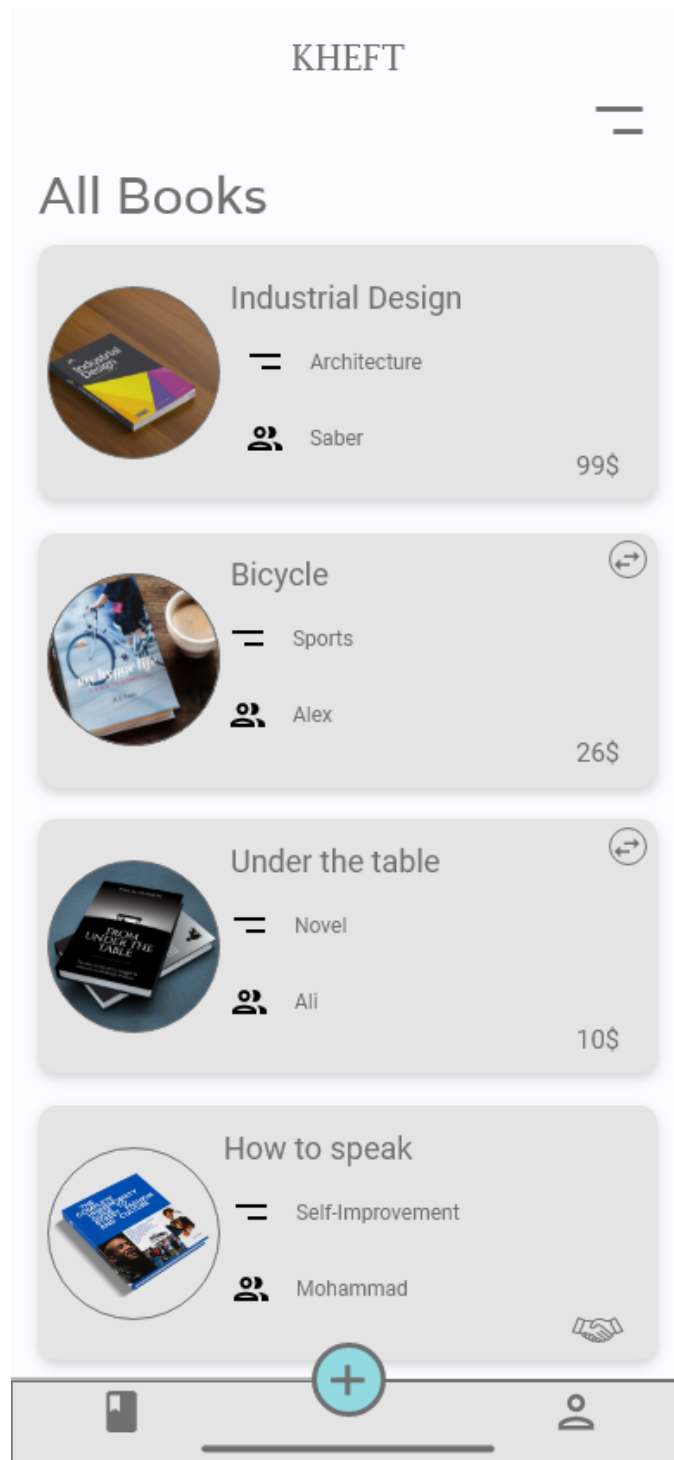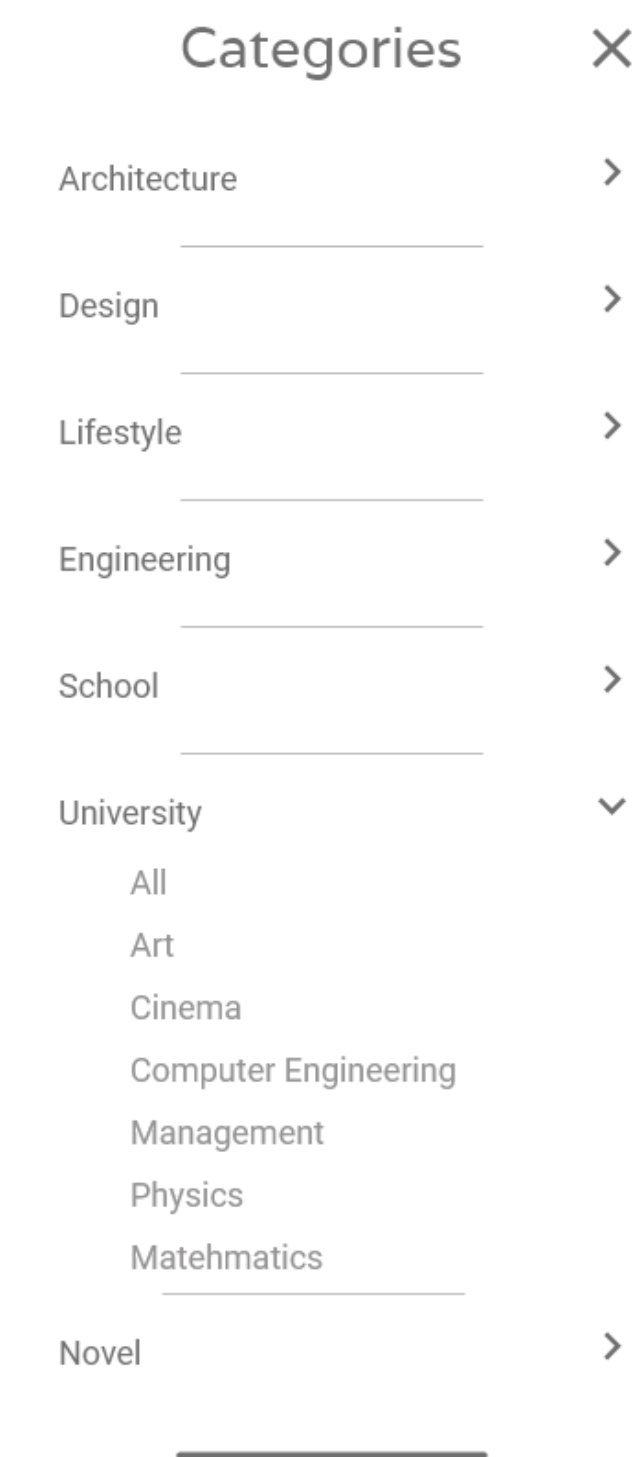
f. Book Page

g. Profile Page

KHEFT

Mohammad
Abolnejadian

MoID

+989123456789

Mohammad@domain.com

1990.1.1

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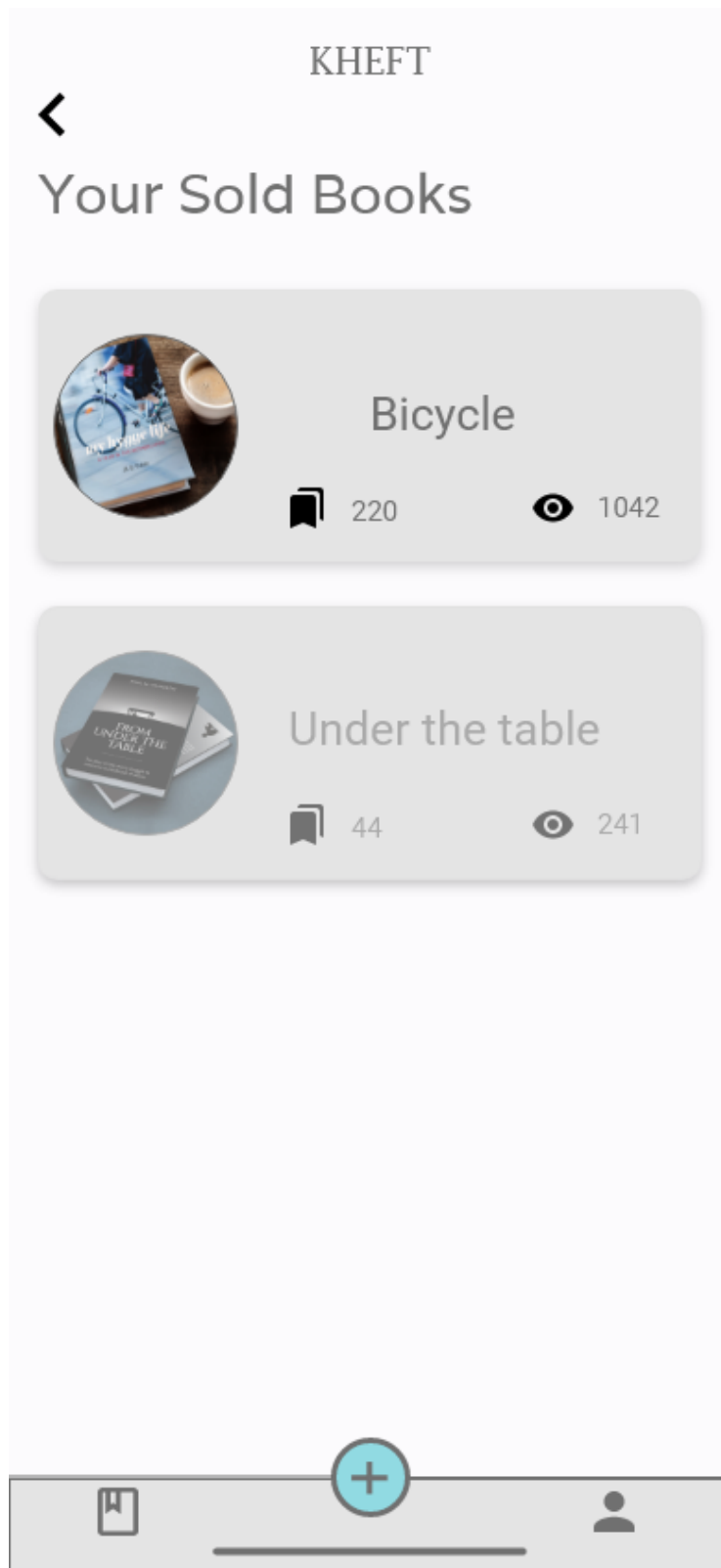
Bought   Sold

Bookmarks

Help   Support

KHEFT

h. Bookmarks Page

*: Sold books will be shown gray.

i. Sold books Page

j. Bought books Page

Your Bought Books

Bicycle
👤 Mohammad Abolnejadian

Under the table
👤 Alireza Eiji
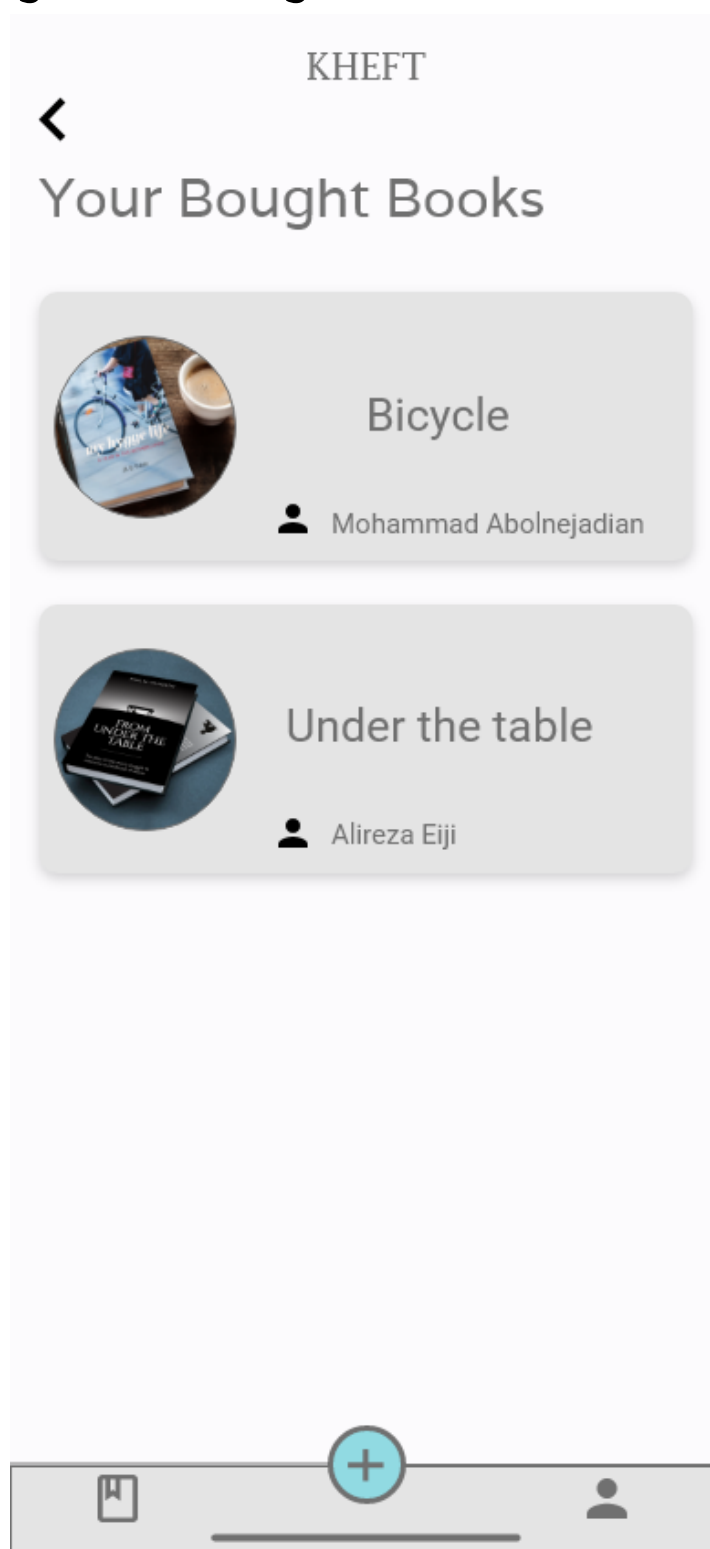
k. Edit profile

Mohammad
Abolnejadian

Edit ID

new ID

|

Done   Discard

1990.1.1

Bought   Sold

Bookmarks

Help   Support

I. Publish book Page

KHEFT

Publish a book

🖼 Add photos (max 5)

📖 Book's info

Gnome |

_____

Writer

_____

Publisher

_____

Publication

_____

Original Price

Price   ☑ Want to exchange?
_____

_____

1.   How to physics
     _____

2.   Biology   ⊕
     _____

| ⬆ | Publish | | Cancel |

m. Publish book Page(2)

Publish a book

Gnome|

Writer

Publisher

Publication

Original Price

Price   ☑ Want to exchange?

1.   How to physics

2.   Biology   ⊕

👤   Contact info

How to contact you

◉ ✉   ◉ ☎

Note

_____

⬆   Publish   Cancel

3. Technical Specs

This project is written in Dart language and with Flutter framework in the frontend to bring this app to iOS, Android and web. Also the backend is handled by .NET and we are processing requests on our personal computers as servers.

Thanks for your attention.

KHEFT