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GitHub Username: [IslamLotfy](#)

Bookz

Description

Bookz app is the easiest way to keep on tracks with books you read , authors you read for . No credit card required , you only need to sign up and log in so be able to have fun with app features .

In Bookz app I use Goodreads API to get information about book or author that user search for.

In books app I will provide data persistence through firabase real time data base to record favourite books and get them to user in offline and online moods .

Intended User

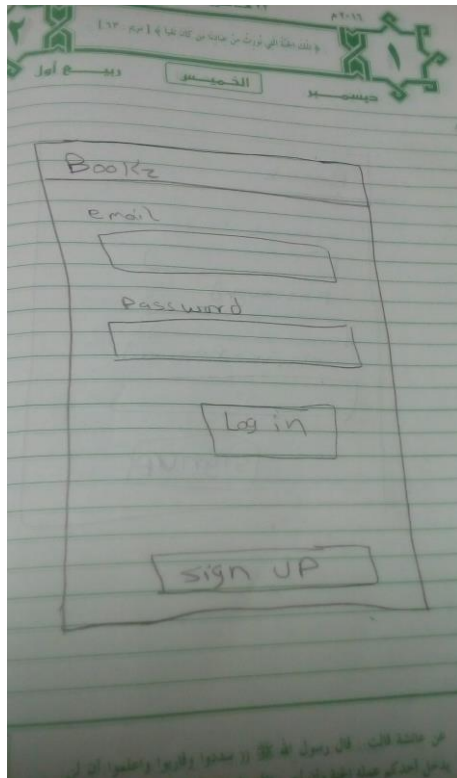
this app is for any body who is addicted to read and books

Features

- sign up (create an account)
- log in with your account
- add books to your favourite list
- get books for a cerstain author
- search for book by name
- view book metaInfo
- view list of favourite book in offline mood

User Interface Mocks

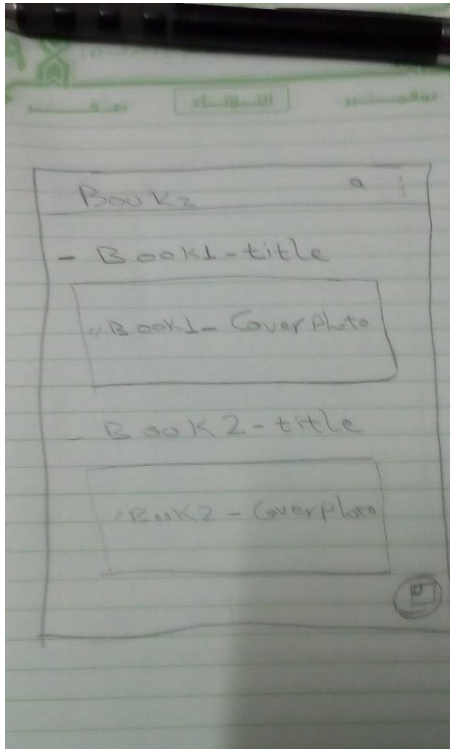
Screen 1: log in



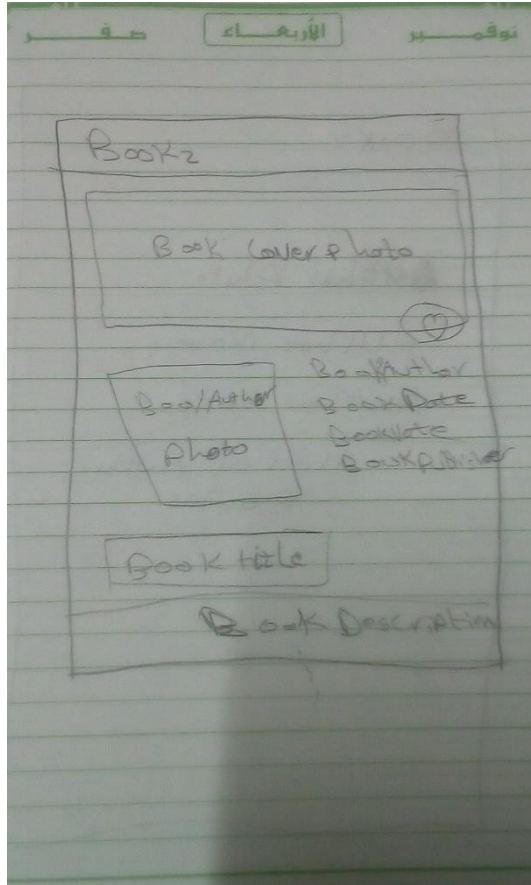
Screen 2: sign up

A hand-drawn wireframe of a sign-up screen on lined paper. At the top, there are three labels: 'نوع' (Type) on the right, 'الأربعاء' (Wednesday) in the center, and 'يوم أول' (First Day) on the left. Below these, a large rectangular box contains the following elements from top to bottom: the text 'Book2', a label 'email' followed by a rectangular input field, a label 'password' followed by a rectangular input field, a label 'confirm-password' followed by a rectangular input field, and a rectangular button labeled 'sign up'.

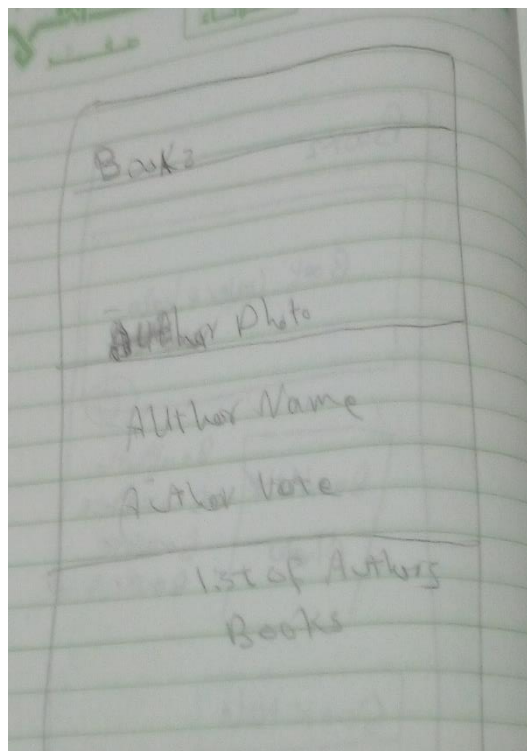
Screen 3: list of favorite books



Screen 4: book Details

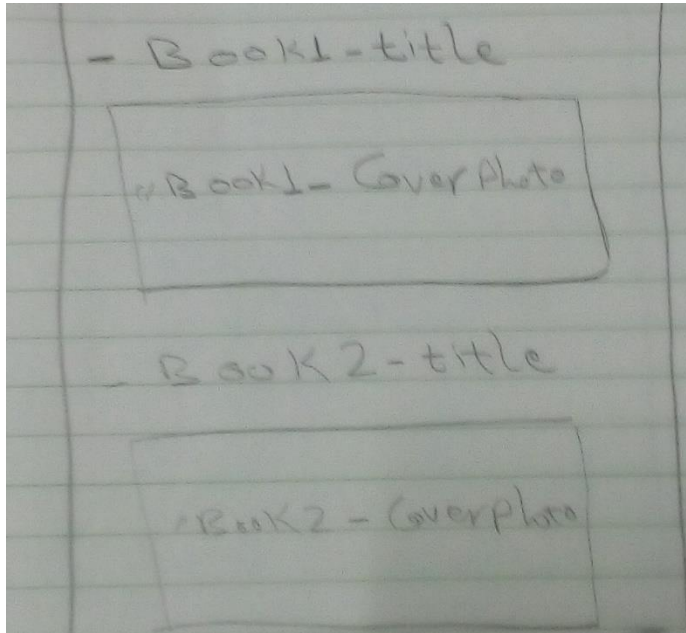


Screen 5: Author Details



Screen 5: App widget

App will provide a list of favourite books in widget



Key Considerations

How will your app handle data persistence?

I'm going to use Firebase Real-time database as it can handle the data persistence and works in offline mode.

Describe any edge or corner cases in the UX.

For the first time user will not have any books in favourite list yet, so he can search for author or a book and he will be able to add books.

Describe any libraries you'll be using and share your reasoning for including them.

- Material Dialogs
- Firebase UI
- Firebase Authentication
- Firebase Database
- Firebase Storage
- RxJava 2
- RxAndroid 2
- RxFirebase wrapper
- Picasso
- Goodreads API
- Retrofit and Okhttp3
- SimpleXMLparser

Describe how you will implement Google Play Services or other external services.
I'm using Firebase Database, Auth, Storage, Firebase Cloud Messaging to build my app.

I will use Retrofit as it's faster than Volley and AsyncTask and through it we can handle errors and caching and manipulation the data through parser library,

In Retrofit I only need to implement one method and this method work for any API request in the app .

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and break them down into tangible technical tasks that you can complete one at a time until you have a finished app.

Task 1: Project Setup

- Configure libraries
- Configure Firebase components
- Configure Goodreads API

Task 2: Implement UI for Each Activity and Fragment

UI Subtasks:

- Build UI for Signup
- Build UI for Signin
- Build UI for favourite books Activity
- Build UI for Book and Author Activities

Task 3: Your Next Task

- Implement Sign up screen
- Implement Sign in screen
- Implement favourite books screen
- Implement Book and Author screen