Mobile Application Development Updated

Problem Statement

People struggle to track books they have read or want to read.

Overview

The application is a book tracking app. A user can track the books they have read and want to read by adding books from the search section.
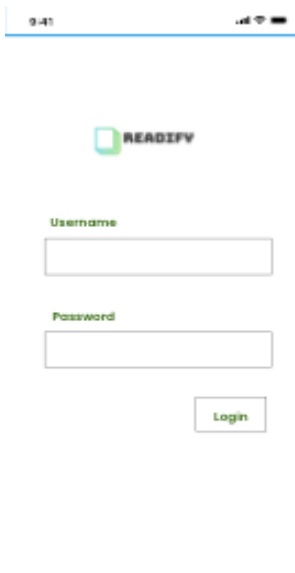
Users can add their books to four sections 'read', 'want to read', 'fiction', 'non-fiction'.
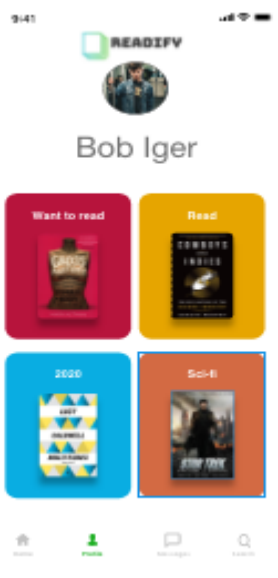
How to achieve this?

An API will be used to retrieve the book information when a user does a search of a book, author or ISBN.

Google's Book API will be used.
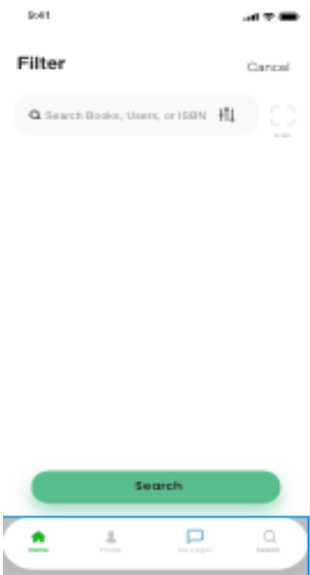
Original Mock Screens

[1] Login screen

[2] This is the users profile page. They can click the books they have added to their book list e.g. if user clicks on 'want to read' list they will be shown [2.1]

The categories '2020' and 'sci-fi' have been changed to 'fiction' and 'non-fiction' as they are broad categories.

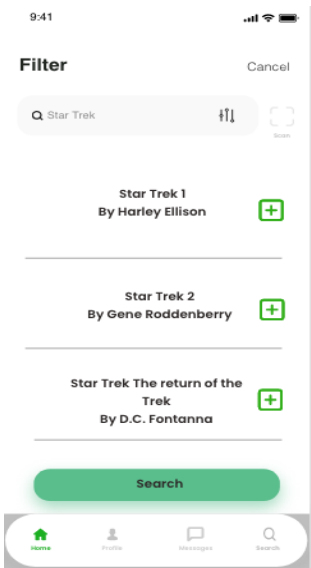Additionally, the profile picture has been removed.

[2.1] After the user has clicked on one of their lists. The books they have added to that list will be displayed on this page.

[3.0] User can search for a book, author, ISBN.

When the user clicks on search a list will be presented displaying their results. See Mock Screen [4.1] for an example.
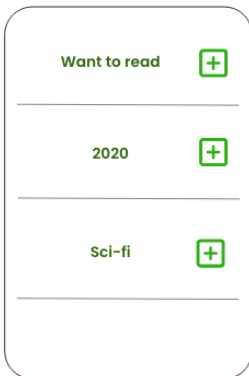

[3.1] Users results are displayed. In this example the user has searched for 'Star Trek' and three book results have been returned.
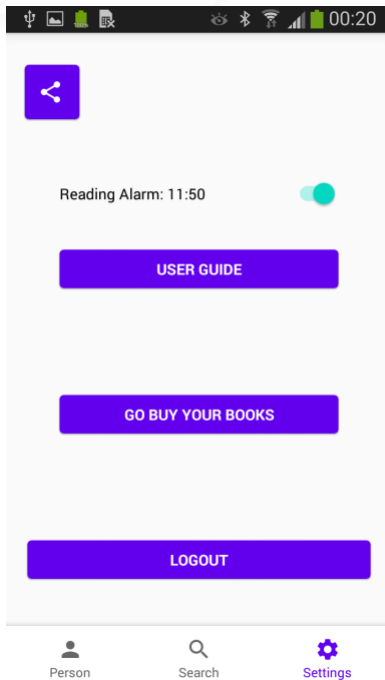
Additionally, the cover of the book will appear.

READIFY

←

Add to List

Want to read [+]

2020 [+]

Sci-fi [+]

[3.2] After used has touched the add button on screen [3.1] they have the option to add the book to one of their lists as displayed on [3.2].

Again, the categories of books has changed.

Updated Specification (made after development)

Home   Profile   Messages   Search

00:20

<

Reading Alarm: 11:50   ⬤

USER GUIDE

GO BUY YOUR BOOKS

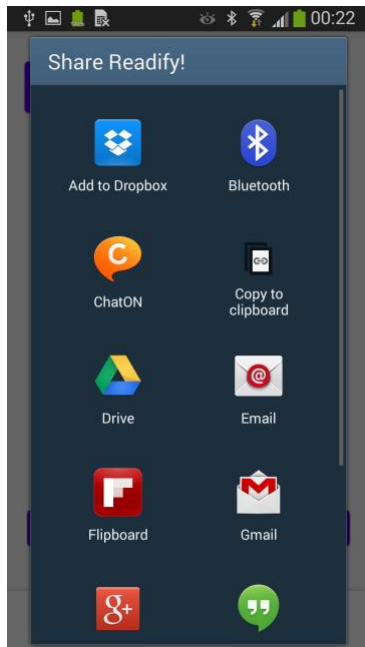LOGOUT

Person   Search   Settings

Settings Fragment - User can share readify via many different communication methods.
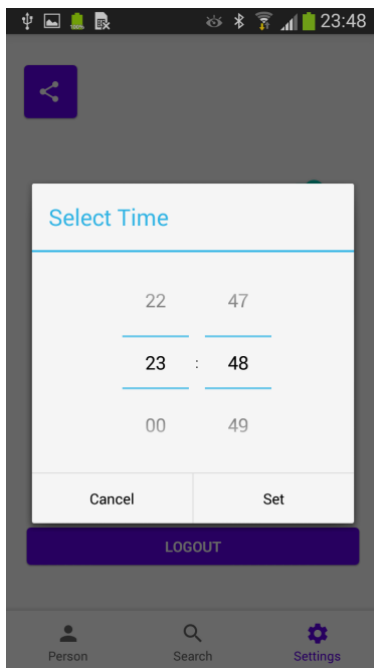
User can set an alarm time to be notified.

User can buy a book from the playstore

User can logout and return to the login screen.

User can share readify by many different methods of communication.

User can choose a time they want to be notified to read.

A register page has been added as this was missed from the original specification.

NOTE: ItemClickSupport.java and onDoubleClickListener.java have been removed from the project as they were causing issues. However, I had already filled in the form on Learn so they will appear on the form.