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Librarian

Description

Using Home or Public Library is much easier, organized and intelligent. Now

Intended User

Librarians and people who have a home library

Features

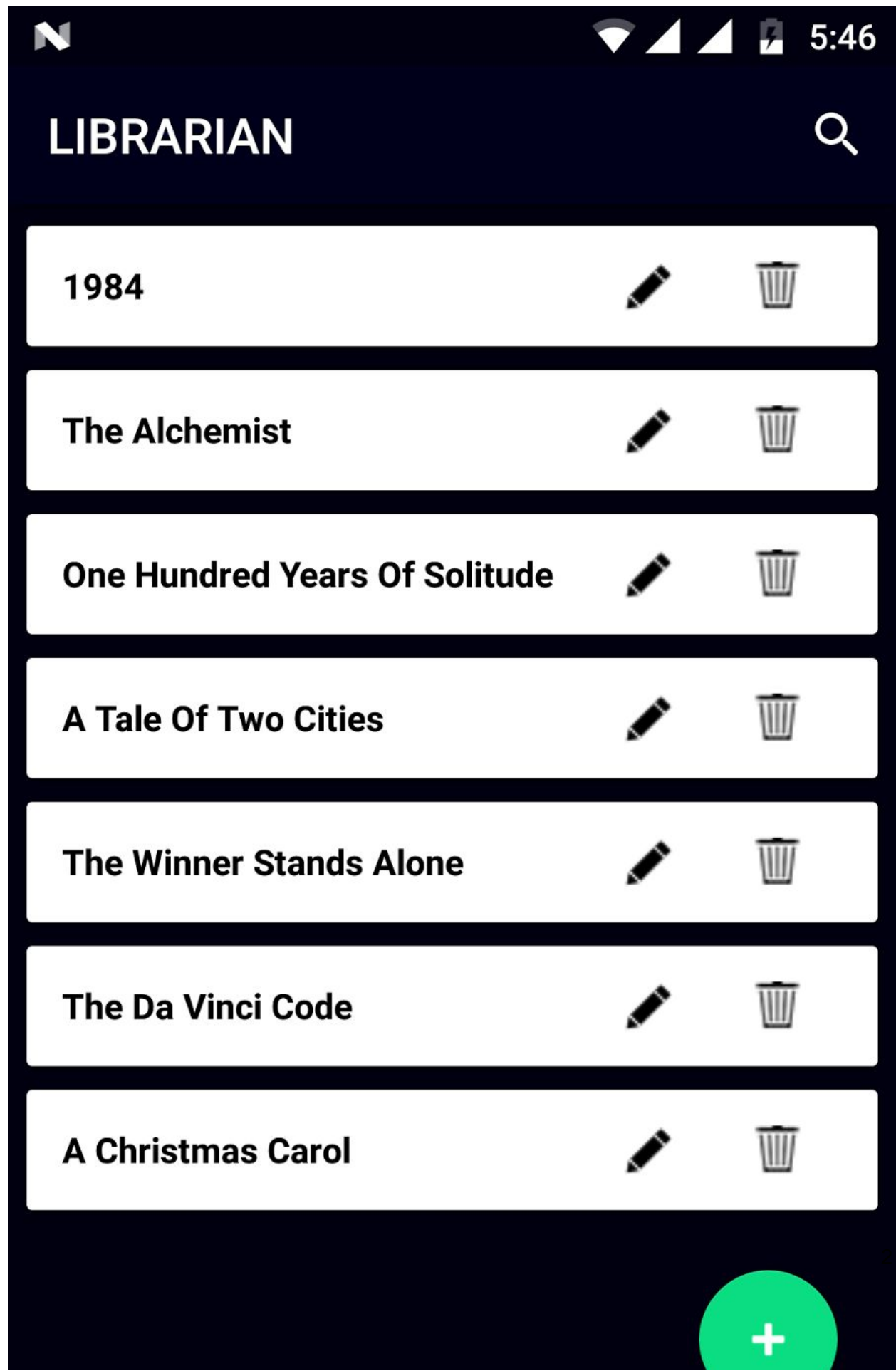
- Storing Book information and Poster
- Searching for a book
- Showing Book information

User Interface Mocks

(Just a hint: i made the mockup on android studio to look very similar to the final UI but it is not the final UI)

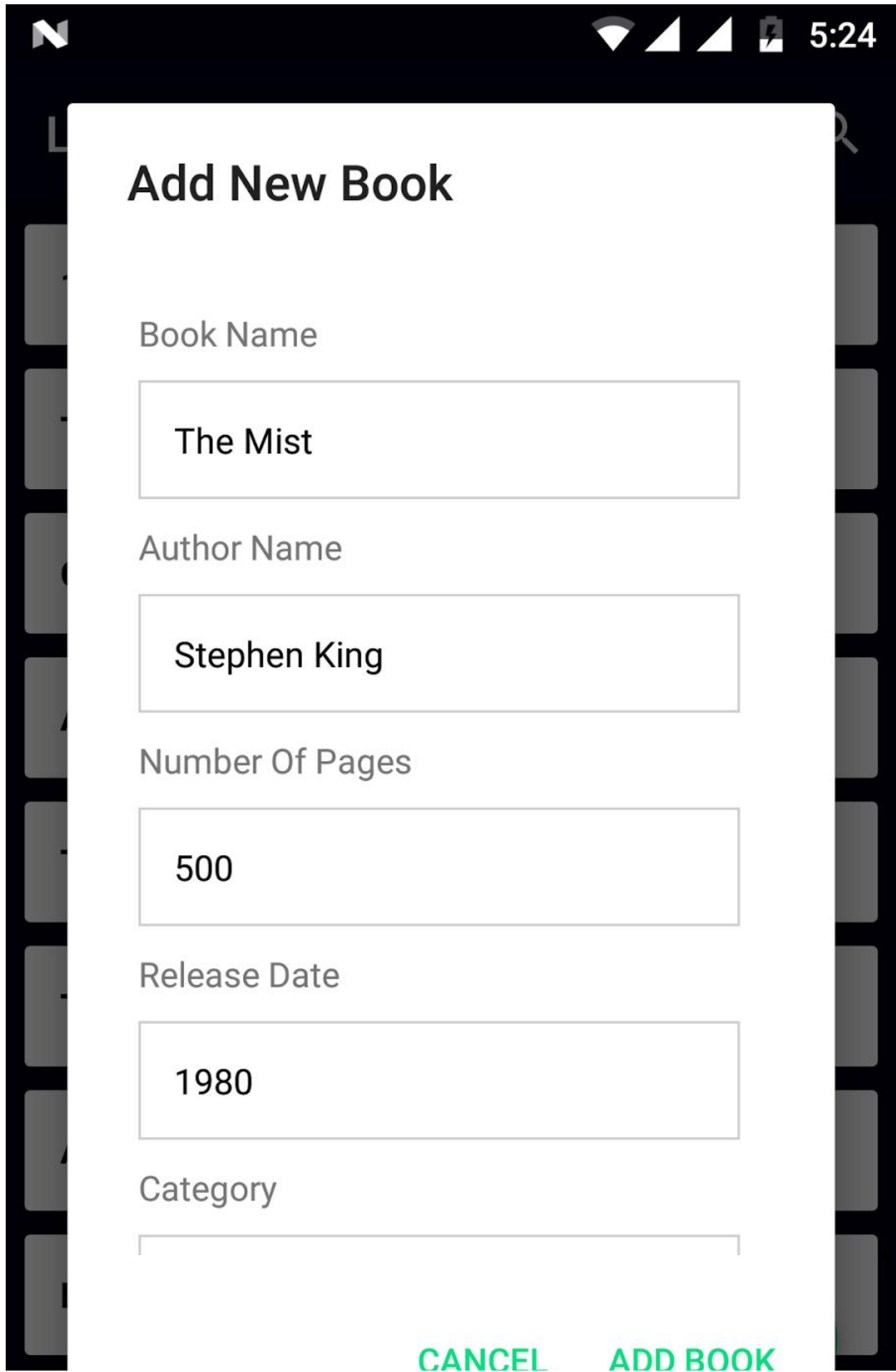
Screen 1

The main activity viewing books list, search bar, add new book (FAB) and buttons to edit or delete book



Screen 2

Add new book Activity



Add New Book

Book Name

The Mist

Author Name

Stephen King

Number Of Pages

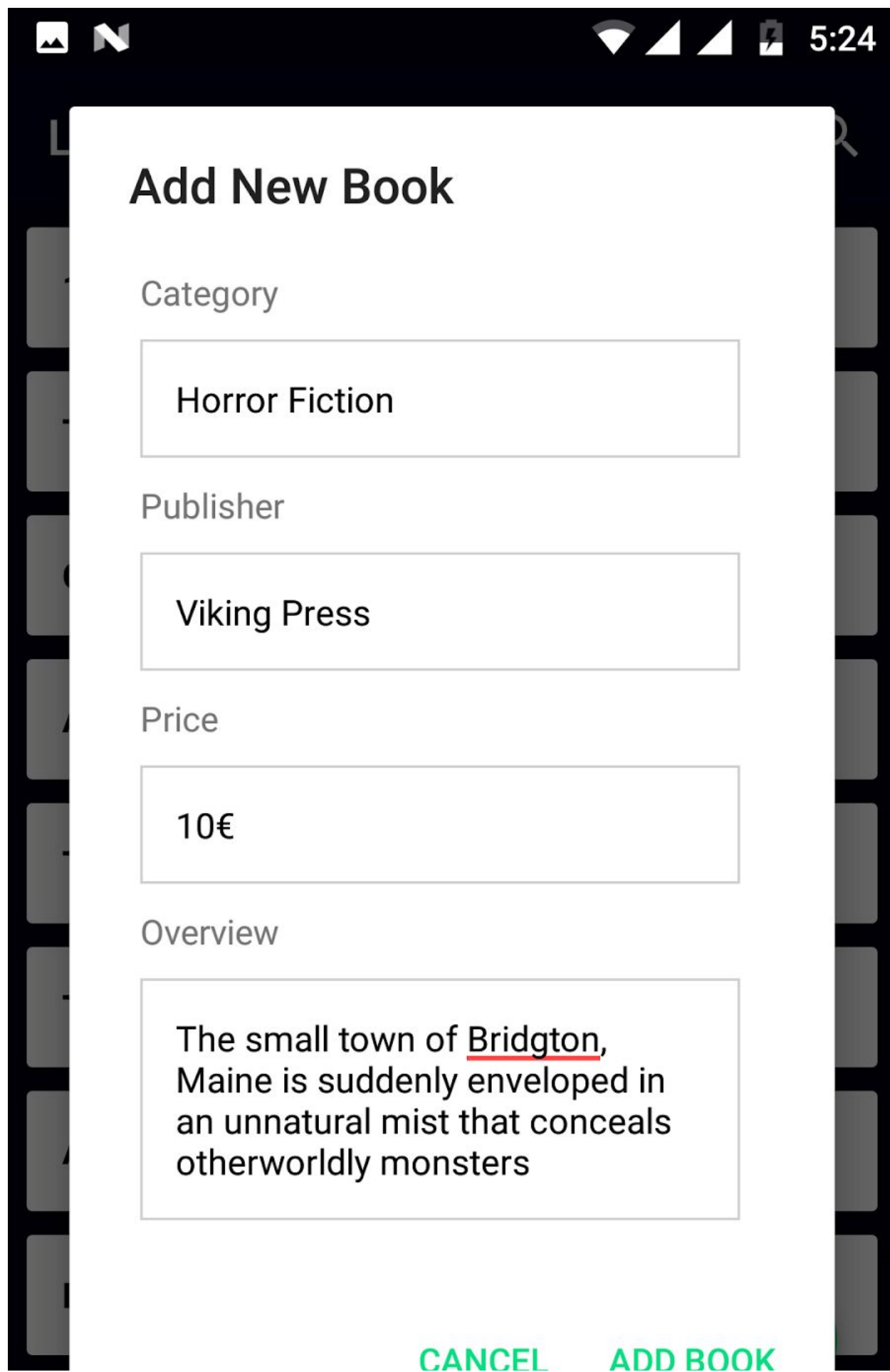
500

Release Date

1980

Category

CANCEL **ADD BOOK**



Add New Book

Category

Horror Fiction

Publisher

Viking Press

Price

10€

Overview

The small town of Bridgton, Maine is suddenly enveloped in an unnatural mist that conceals otherworldly monsters

CANCEL **ADD BOOK**

Add New Book

Price

10€

Overview

The small town of Bridgton,
Maine is suddenly enveloped in
an unnatural mist that conceals
otherworldly monsters

Status

☒ Lent

☐ Available

ADD COVER

CANCEL ADD BOOK

Screen 3

Movie details Activity



Book Name

The Mist

Author Name

Stephen King

Publication Date

1980








Publisher	Category
Viking Press	Horror Fiction
Number Of Pages	BookShelf
500	3
Status	Price
Lent	10€

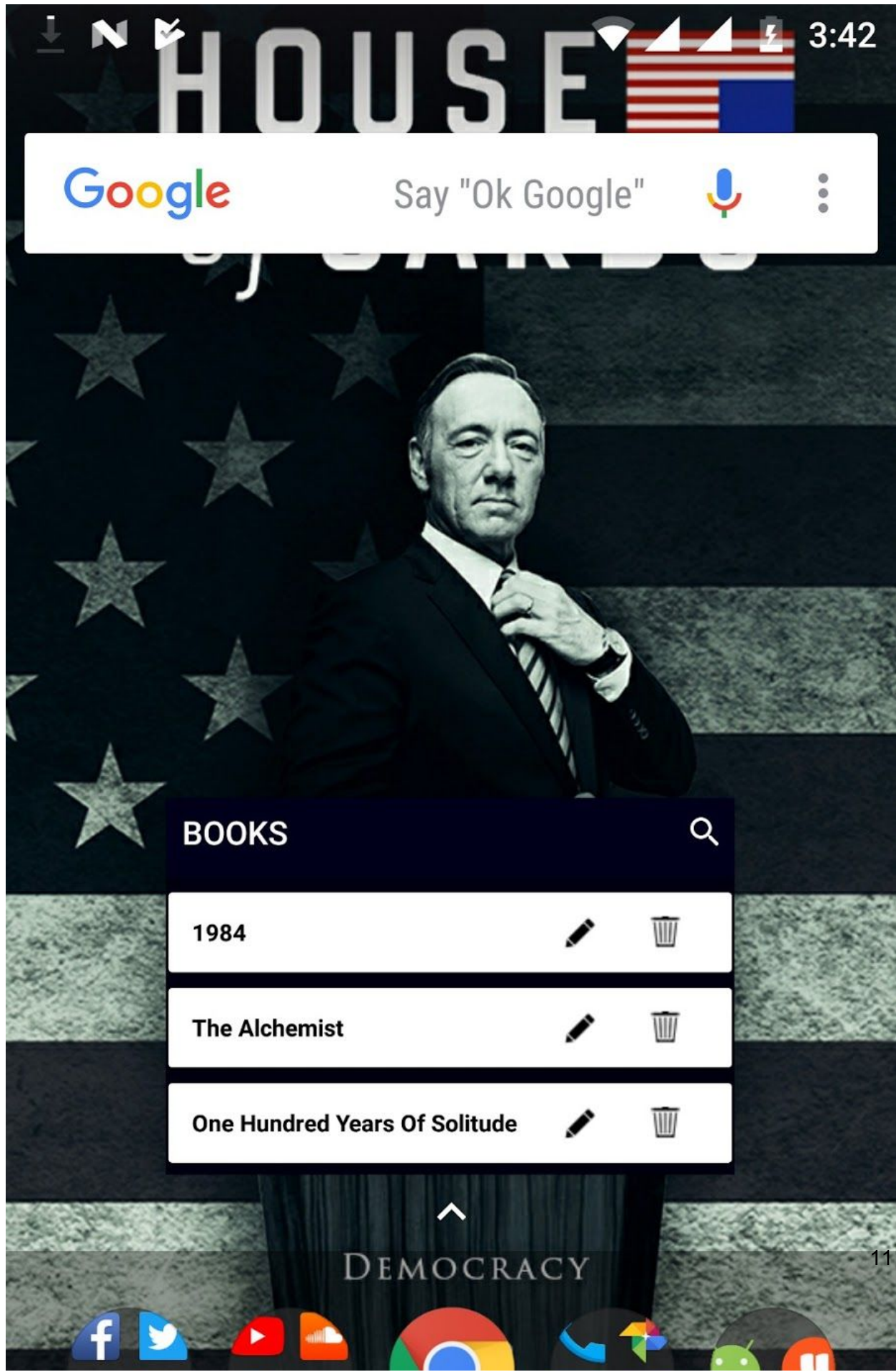
Overview

The small town of Bridgton, Maine is suddenly enveloped in an unnatural mist that conceals otherworldly monsters

Screen 4

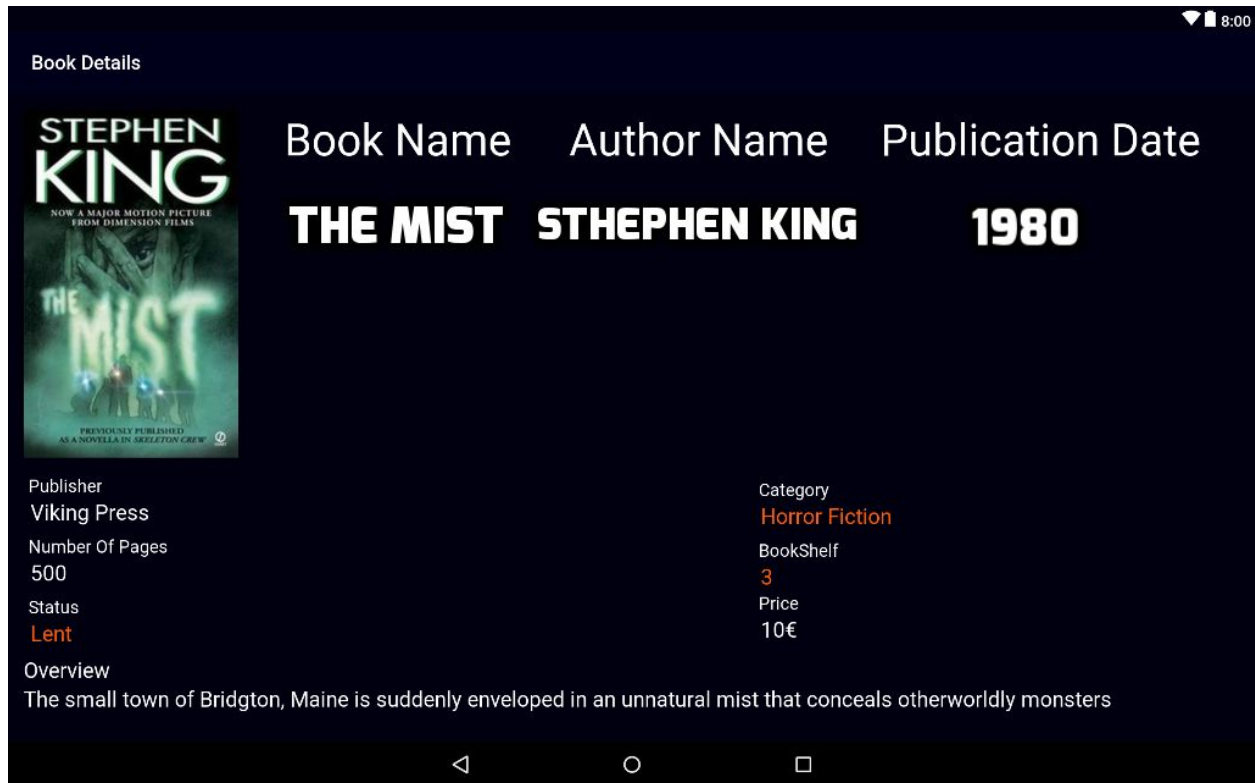
App widget mockup

BOOKS		
1984		
The Alchemist		
One Hundred Years Of Solitude		



Screen 5

Tablet activity mockup



Key Considerations

How will your app handle data persistence?

The APP will handle data persistence via a content provider to access data from the database and display it in the UI, widget and making search for a book

Describe any edge or corner cases in the UX.

- The user can go to the details activity by pressing on the book name, edit the book by the edit button, delete it by delete button and add new book by pressing the add new book (The FAB).
Exit add new book or edit activity by pressing cancel button.
Go back from the book details activity to the main aby pressing the back button which is in app bar
- When opening the App and no books added, a Toast will appear to notify the user there is no books in the database and asks to add some.

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

UltimateRecyclerView Library : for refreshing and loading list of books

Describe how you will implement Google Play Services or other external services.

Admob: for showing ads

Analytics : to measure user activity 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

- Creating The project
- Making java classes and XML files (without implementing yet)
- Add and Configure libraries
- Make sure the project is ready for implementation

Task 2: Implement UI for Each Activity and Fragment

List the subtasks. For example:

- Build UI for MainActivity
- Build UI for AddNewBookActivity
- Build UI for EditBookActivity
- Build UI for BookDetailsActivity
- Build UI for TabletScreens
- Making sure that the UI meets Material design specs

Task 3: DATABASE implementation

- Making and implementing The Database and methods to use it

Task 4: Managing Data from the Database

- Coding Content provider, loaders and AsyncTask
- Implementing the third party library (Ultimate RecyclerView)
- Coding the SearchBar
- Implementing AddNewBook, EditBook and DeleteBook
- Showing data from database in MainActivity and BookDetailsActivity

Task 5: App Widget, Google play Services and Signing

- Designing and implementing App Widget
- Integrating Google play services
- Managing Signing Configuration