

Library Management System

Team Members: Ali Tariq and Shazal Irshad

Final State of System

We were able to implement all the functionalities that we listed in the design document.

The use cases we implemented:

Admin:

Login

Logout

Add User

Add Book

User:

Login

Logout

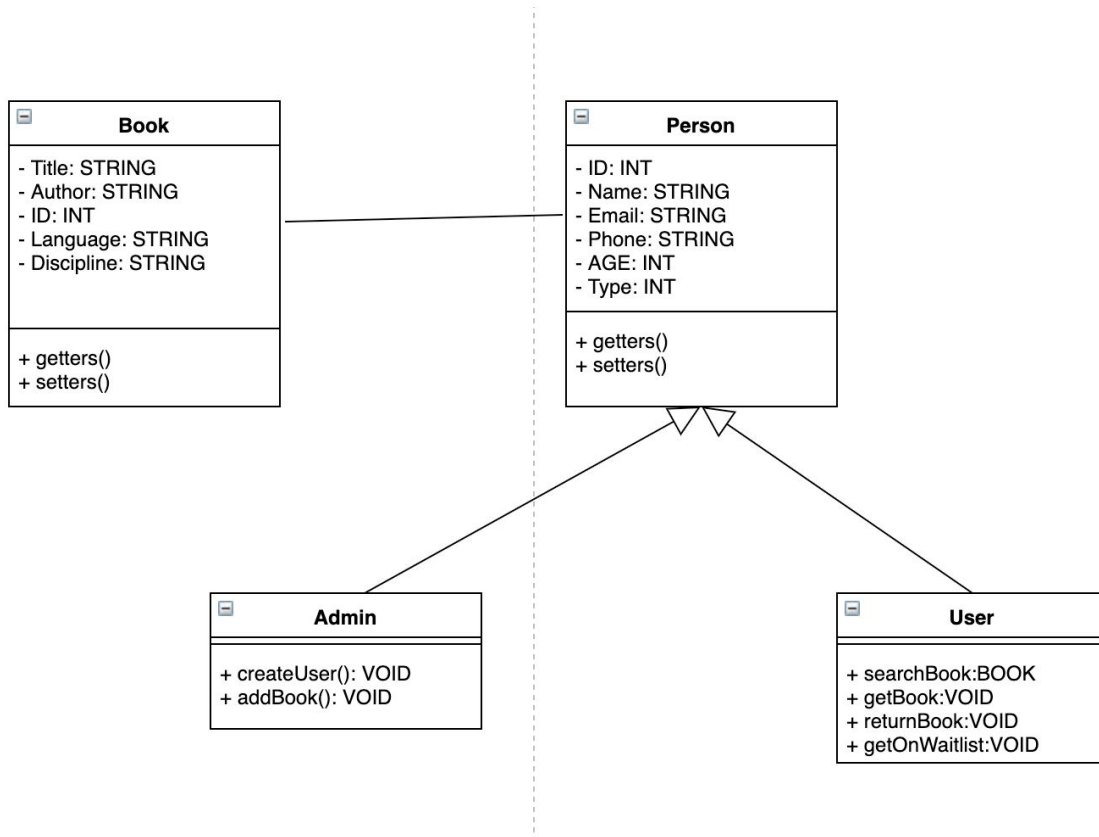
Search Book

Issue Book

Waitlist Book

Return Book

Final Class Diagram



Third Party Code

Took help from these 2 links for 2 different things, Code is still our own

<https://www.raywenderlich.com/155-android-listview-tutorial-with-kotlin>

<https://developer.android.com/training/volley/index.html>

Design Process Elements

1. We Learned how to think about gathering the requirements of a system.
2. The class structure can change so it is good to be flexible about it.
3. It is always good to start early so that there is no problem in logistics, eg in our case AWS Lambda