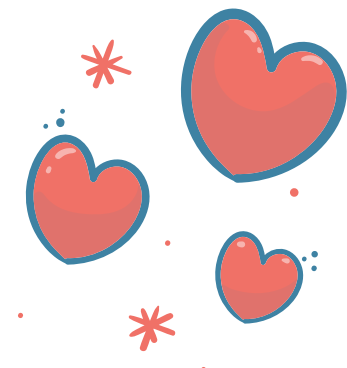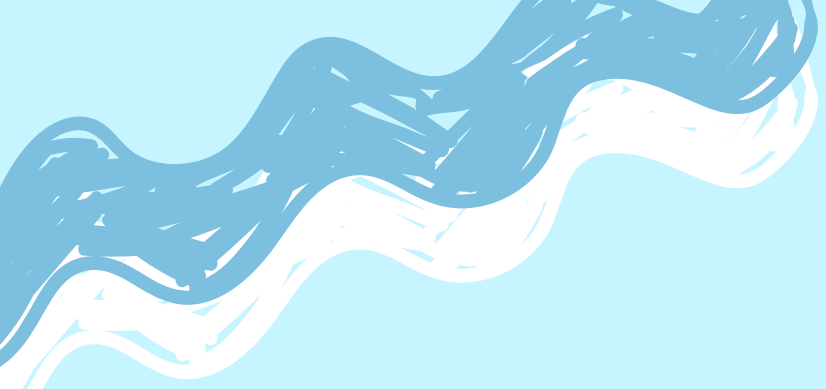# GROUP PROJECT

- 1.Keo sovanlogdy   ID:B20223170
- 2.Sun Nasy   ID:B20220051
- 3.Ny sreynich   ID:B20223119
- 4.Chea Tuseth   ID:B20223045
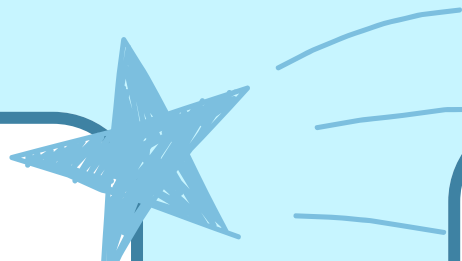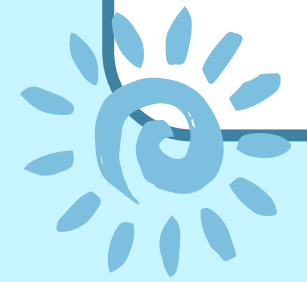- 5.Seng sokchan   ID:B20222275

INTRODUCTION

this project is called Library management Mobile Application.It is an android mobile application that allows admin can Add Book, Update Book information, View Book and delete book by using this form. Its adjective is to Help Admin can know about book information in their Library and it easy for admin to manage their Library.
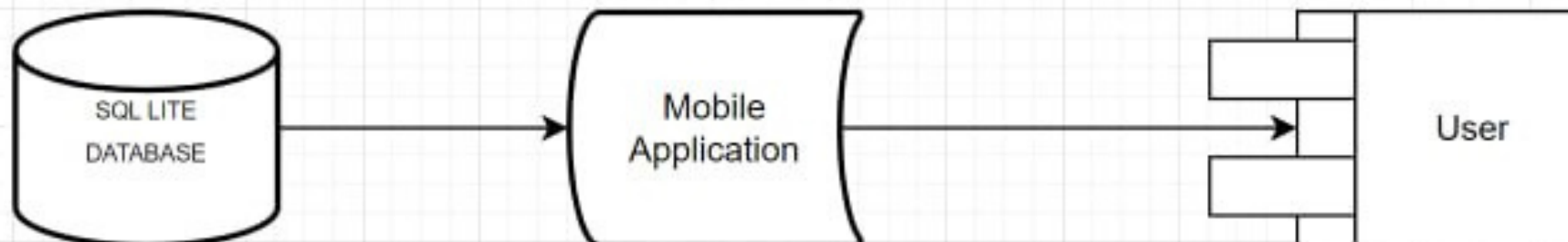
reason that why we built this app:

- Admin can login With Email and Password
- Admin can add new book by using (ID Book, Title, description, author, type of book)
- Admin can update book
- Admin can view book
- Admin can delete book

- Admin can see(view) profile detail (Admin Profile detail)
- Admin can edit(update) profile detail (Admin Profile detail)
- Admin can delete profile detail (Admin Profile)
- Admin can Update another Information that connect with book or Admin detail.

PROJECT ARCHITECTURE

SQL LITE DATABASE → Mobile Application → User

PROJECT METHODOLOGY

The development of this project is done through 8 step. First step is the methodology encompasses user authentication with the email address and password. Seconds is leading to a home screen displaying book lists and admin details. Third Book management includes adding, editing, and deleting books with validation. Then the four step is profile management allows viewing, editing, and deleting admin profiles. Additionally, a step fifth is 'Search Books' is introduced, enabling admins to search and retrieve specific books efficiently. Sixth seven and eight is security measures, testing, and documentation are integral components of the development process.

PROJECT TECHNOLOGY AND TOOL

- Java Programming language
- Android Studio IDE
- GitHub
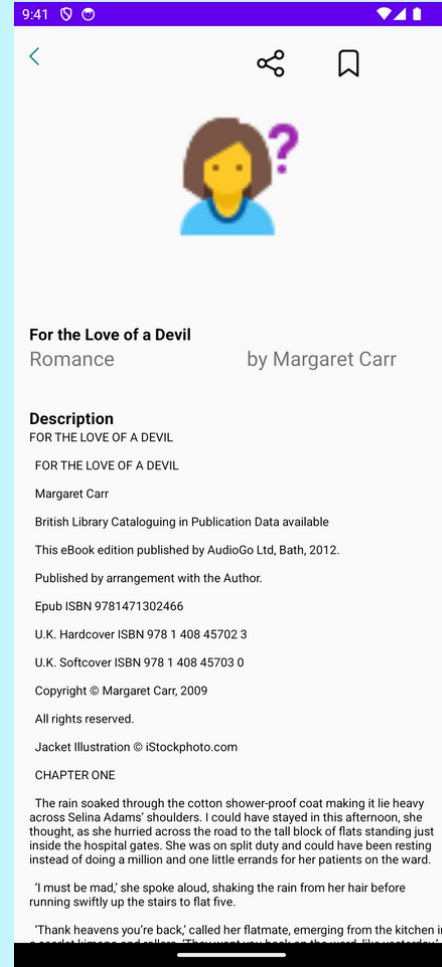- Figma
- Draw.io
- SQLite Database
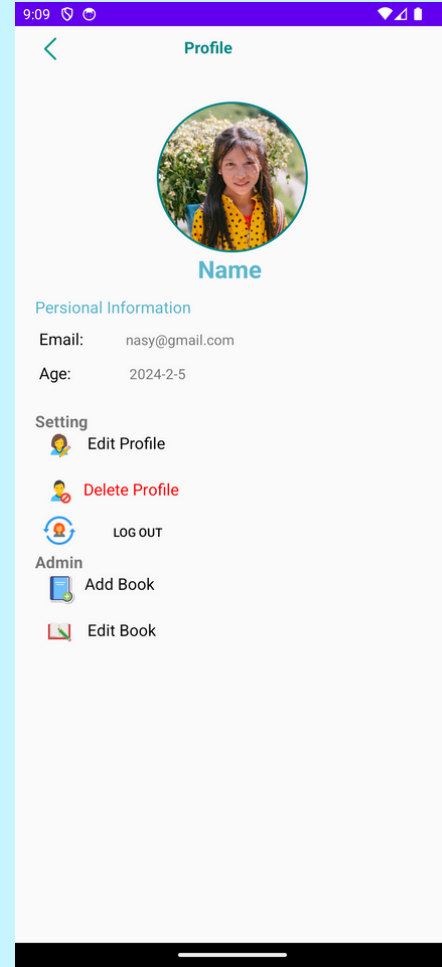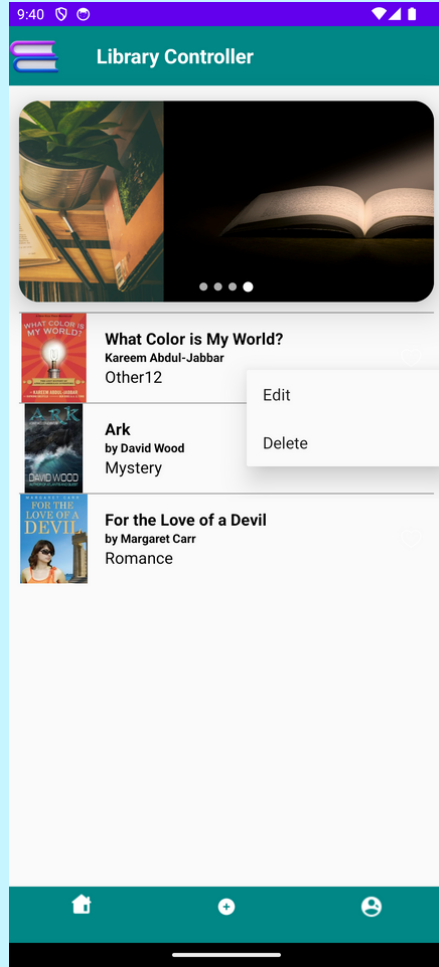-

DATABASE DESIGN

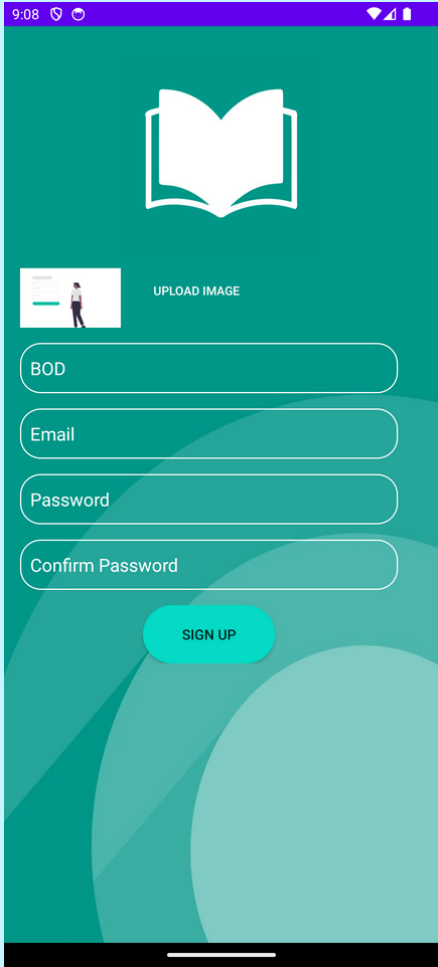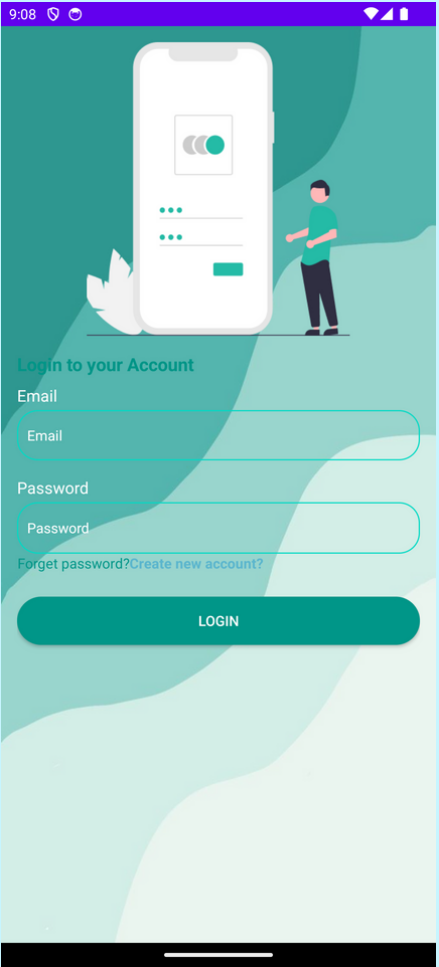**Table:** books

id		title	description	author	genre	photo
		Filter	Filter	Filter	Filter	Filter
1	1	What Color is My World?	"You've got to use your imagination," Mama encouraged us....	Kareem Abdul-Jabbar	Other12	content://com.google.android.apps.photos.contentprovider/-1/1/...
2	2	What Color is My World?	"You've got to use your imagination," Mama encouraged us....	Kareem Abdul-Jabbar	Other12	content://com.google.android.apps.photos.contentprovider/-1/1/...
3	3	Ark	"He won't be alone." Crazy Charlie spoke for the first time. "I'll take him to my ...	by David Wood	Mystery	content://com.google.android.apps.photos.contentprovider/-1/1/...
4	4	For the Love of a Devil	FOR THE LOVE OF A DEVIL...	by Margaret Carr	Romance	content://com.google.android.apps.photos.contentprovider/-1/1/...

Table: allusers

	email	password	bod	photo
	Filter	Filter	Filter	Filter
1	p@gmail.com	98765	2002-5-11	content://media/picker/0/...
2	nasy@gmail.com	Nasy22	2024-2-5	content://media/picker/0/...

USER INTERFACE DESIGN

THANK YOU

by Borcelle Group