



**ANDROID BASED LIBRARY SMS FOR
BOOK INQUIRY AND RESERVATION
IN TAGUIG CITY UNIVERSITY**

A System Presented to the
College of Information and Communication Technology
Taguig City University
Taguig City

In partial fulfillment
of the requirements for the Degree
Bachelor of Science in Computer Science

Presented By:

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I. INTRODUCTION

The main objective of the study was to develop and evaluate an Android based Library SMS, that can be used to inquire and reserve books, which will help both the students and library manager to keep a constant track of book availability. This system will focus not just on basic operations like inquiring, borrowing, and reserving books, but also recording data and information of most searched or inquired books, that in return can be used to start a petition to provide a copy of book if it is unavailable.

The software features well thought-out, attractive interface that will help the user learn navigate and control the application without having a hard time.

OBJECTIVES

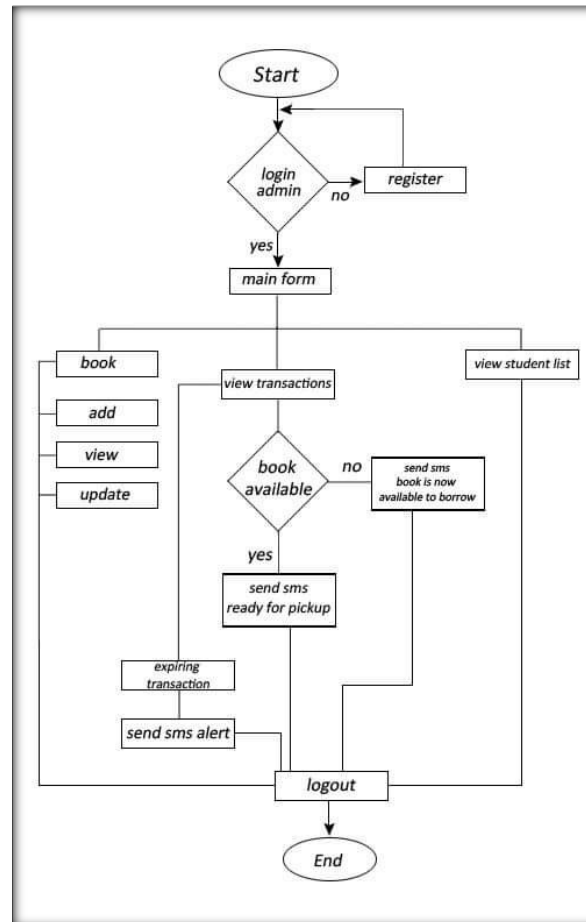
The objective of the study was to develop an Android based application that will help the students to inquire and reserve books without the hassle of going to the library or running out of time.

The application will also help not just the student, but the whole library to request needed but unavailable books. It will also be used to maintain records of user details , user borrowed books etc. This system will also use the advantage given by SMS.

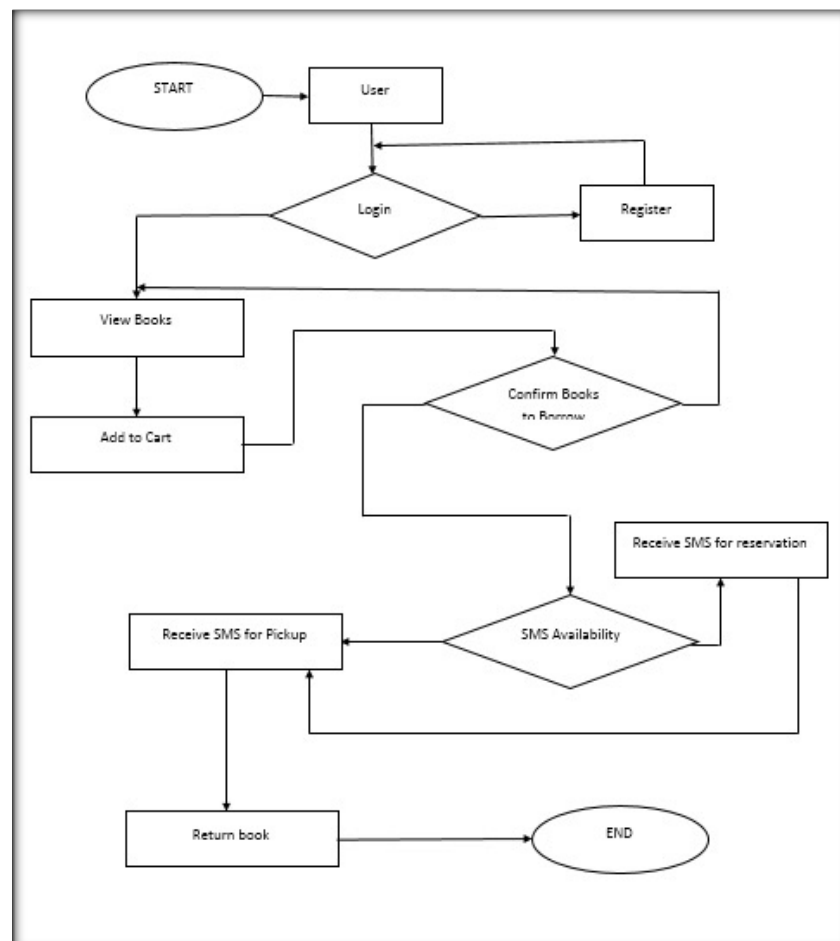


II. FLOW CHART

A. Admin



B. User

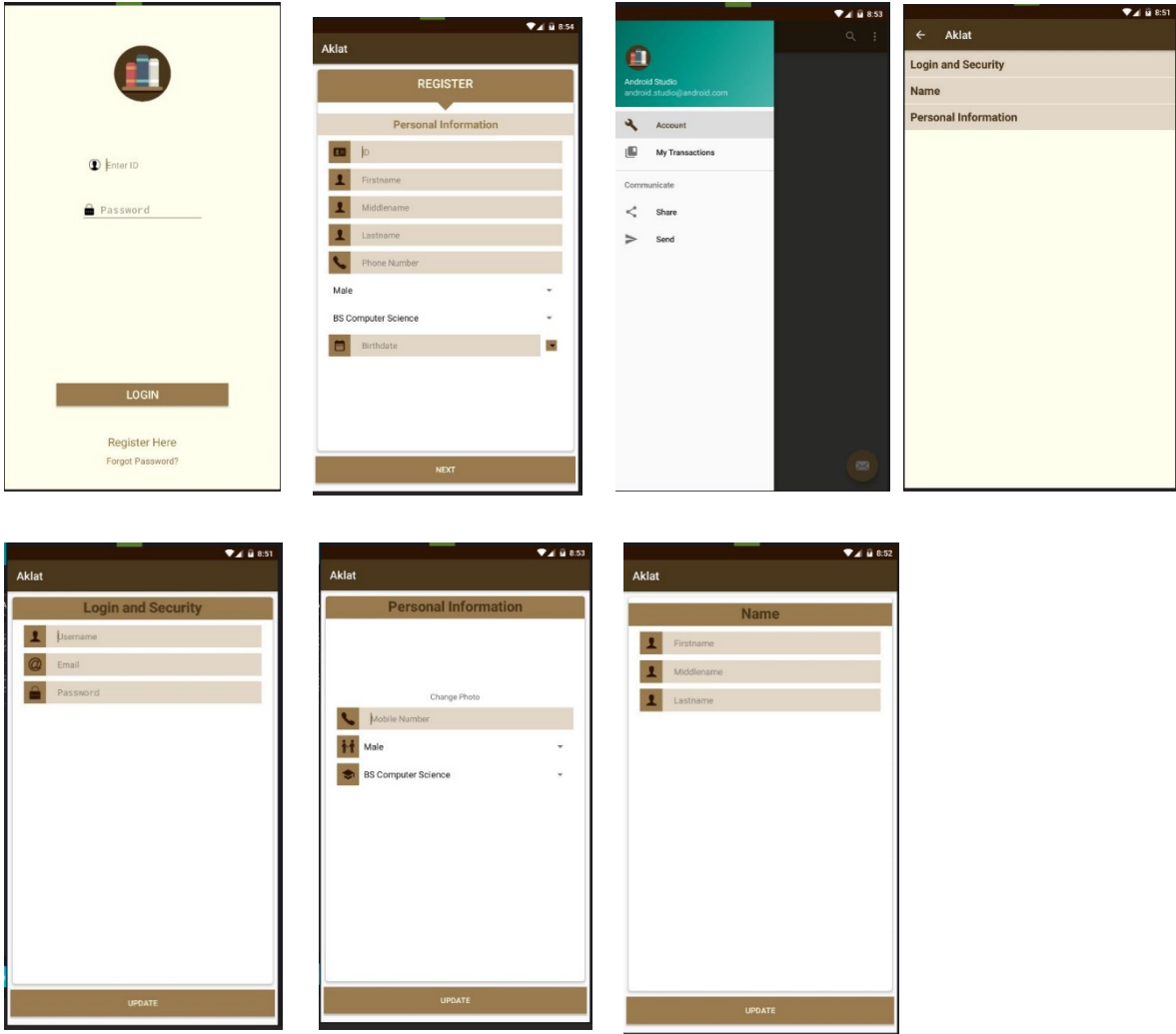




- III.

PROCESS
- Once the user opens the app the user can log in or create an account if the user hasn't created yet.
 - The user can browse for books and click the book, the user can view all the books by category or by title.
 - If the the user found the book, he/she looking he can now click the add to cart button.
 - They will receive a message if it is ready for picked up.
 - After the pick up the admin/librarian will mark it as borrowed.
 - And wait for the day it will be bring back and that's the end of transaction.

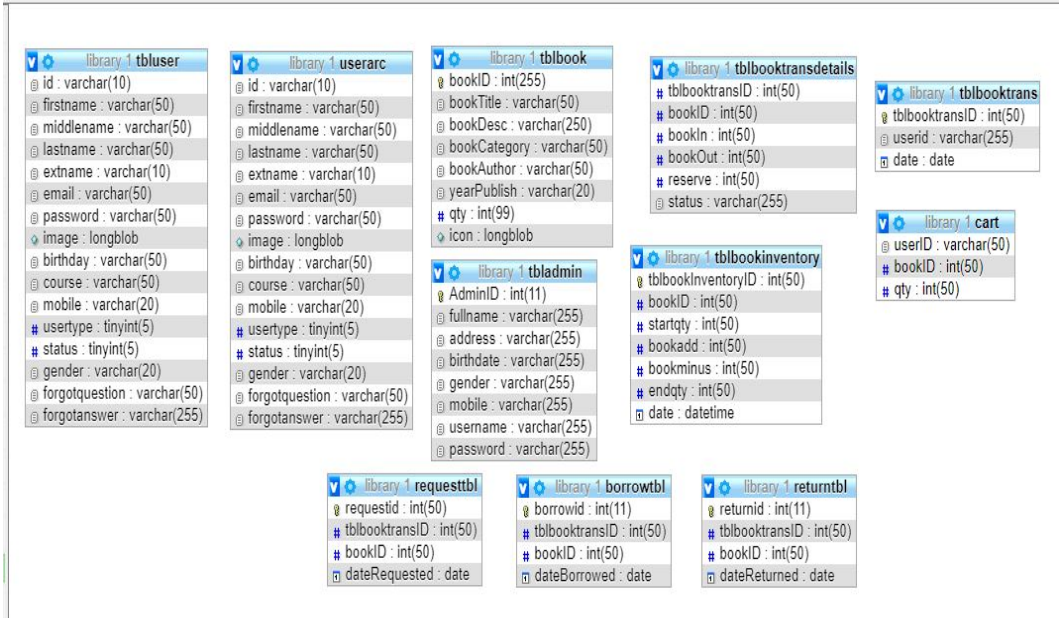
LAYOUT (UI)





IV. Database

Diagram

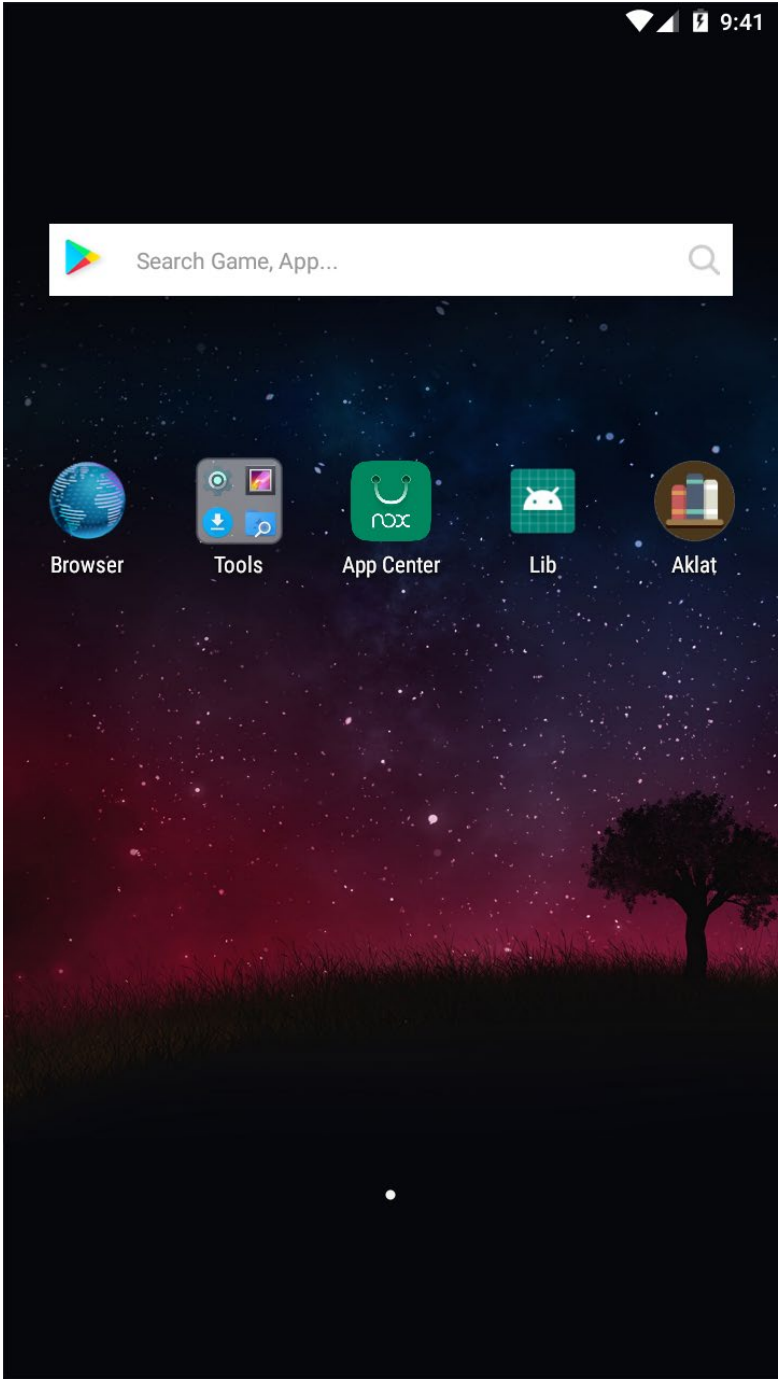


V. Expenses


| Expense every Meeting | | | | | |
|-----------------------|--------|--------|--------|--------|--------|
| | 04-Apr | 11-Apr | 18-Apr | 25-Apr | 10-May |
| Food | 300 | 300 | 300 | 300 | 0 |
| Transpo | 200 | 200 | 200 | 200 | 0 |
| Misc | 0 | 0 | 0 | 0 | 20 |
| Total | 500 | 500 | 500 | 500 | 20 |





VI. User Manual



Click on the Aklat Icon to Open the Application



 Enter ID

 Password

LOGIN

Register Here

Forgot Password?

Click on the Register here to create your **Aklat** account



← Aklat

REGISTER

Personal Information

ID

Firstname

Middlename

Lastname

Phone Number

Male

BS Computer Science

Birthday

NEXT

Fill in all fields with the correct information

Click on the **drop down** box and click on your gender

Click on the **drop down** box to select your course



← Aklat

REGISTER

Personal Information

1600800

Juan

Santos

DelaCruz

639392459877

Male

BS Computer Science

Jun 8, 1998

Cannot be empty

NEXT

1 Provide date of your birth and then 2 click next



REGISTER

@ juan@gmail.com


....


....

REGISTER


Fill in with a valid email and type your desired password and retype it for confirmation then hit Register







Enter ID



Password

LOGIN

Register Here

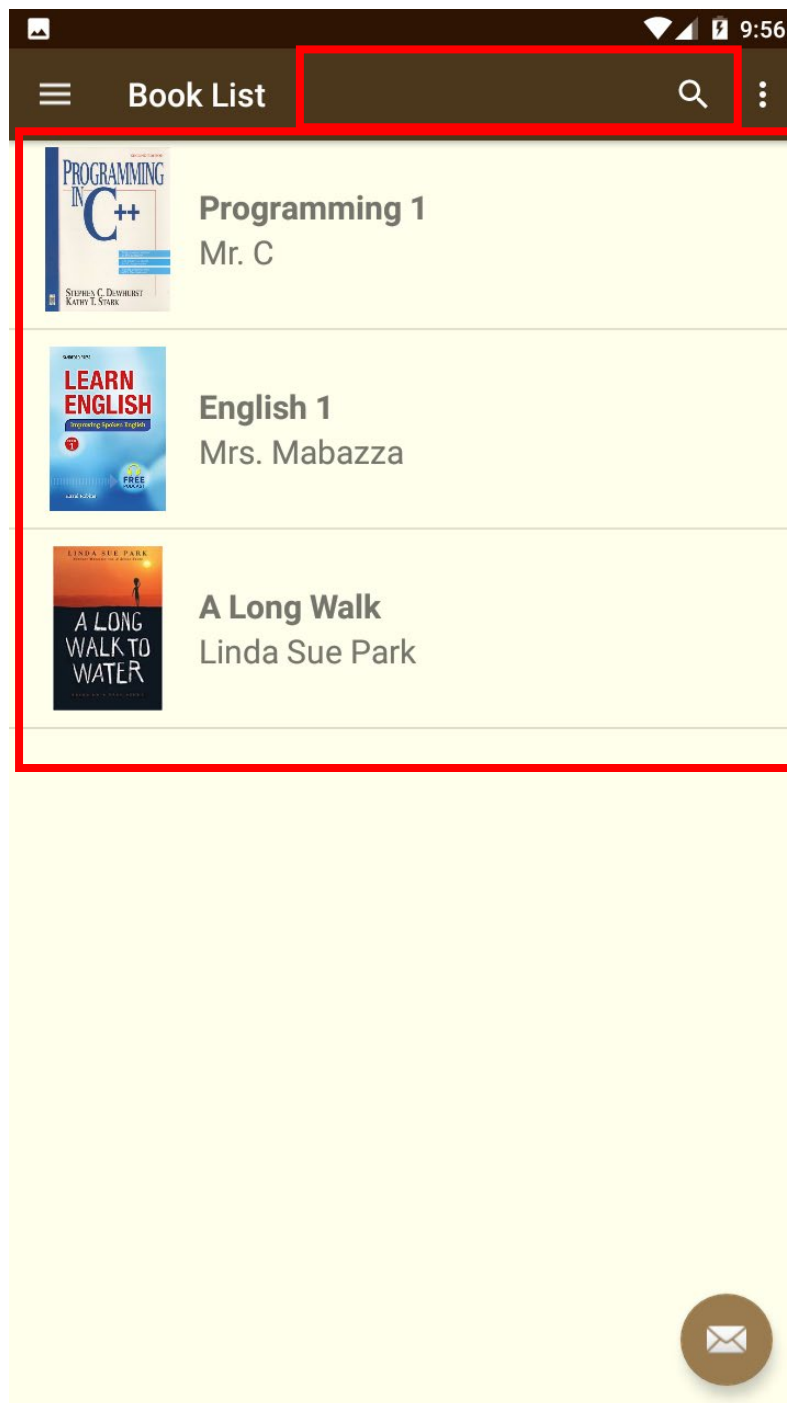
Forgot Password?

Log in with your Student Id Number and Password

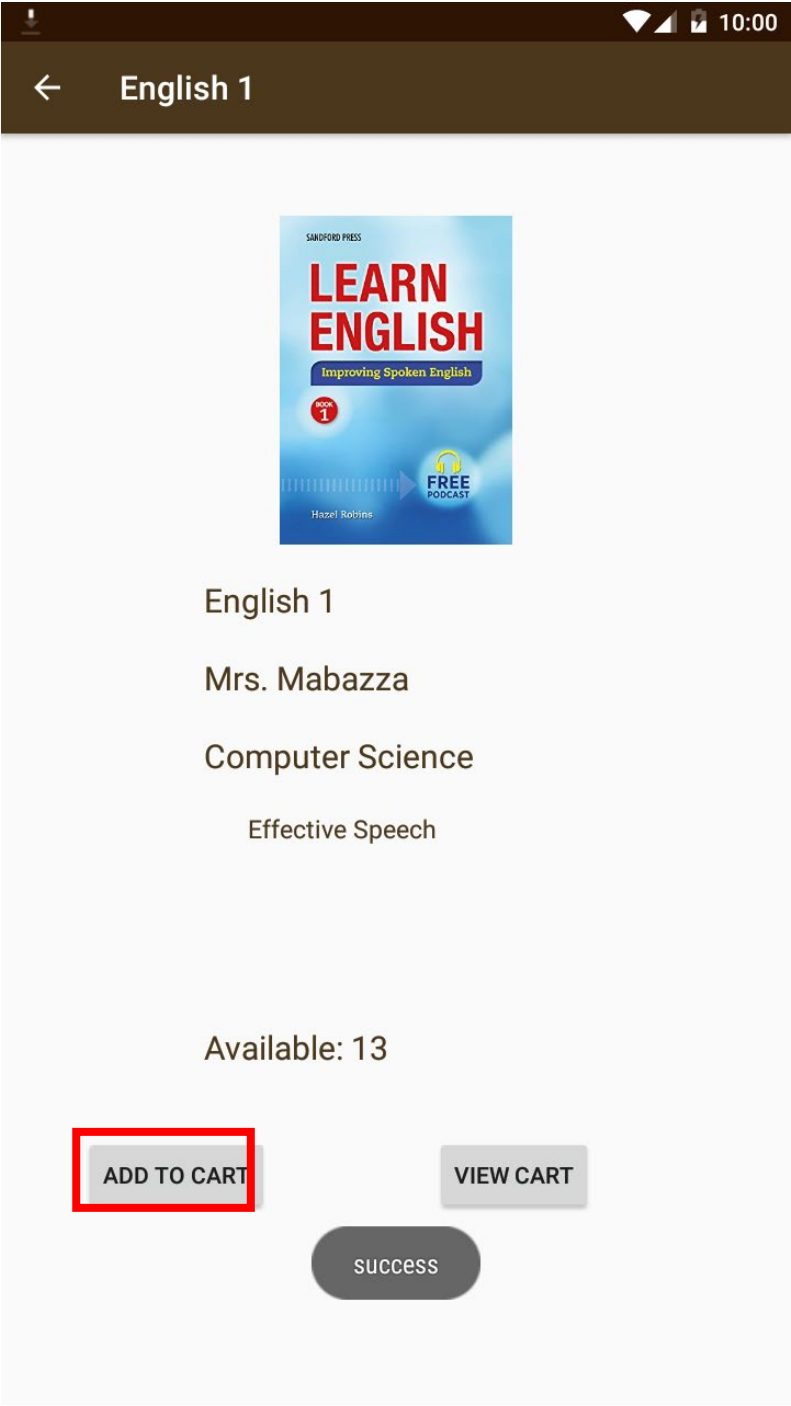


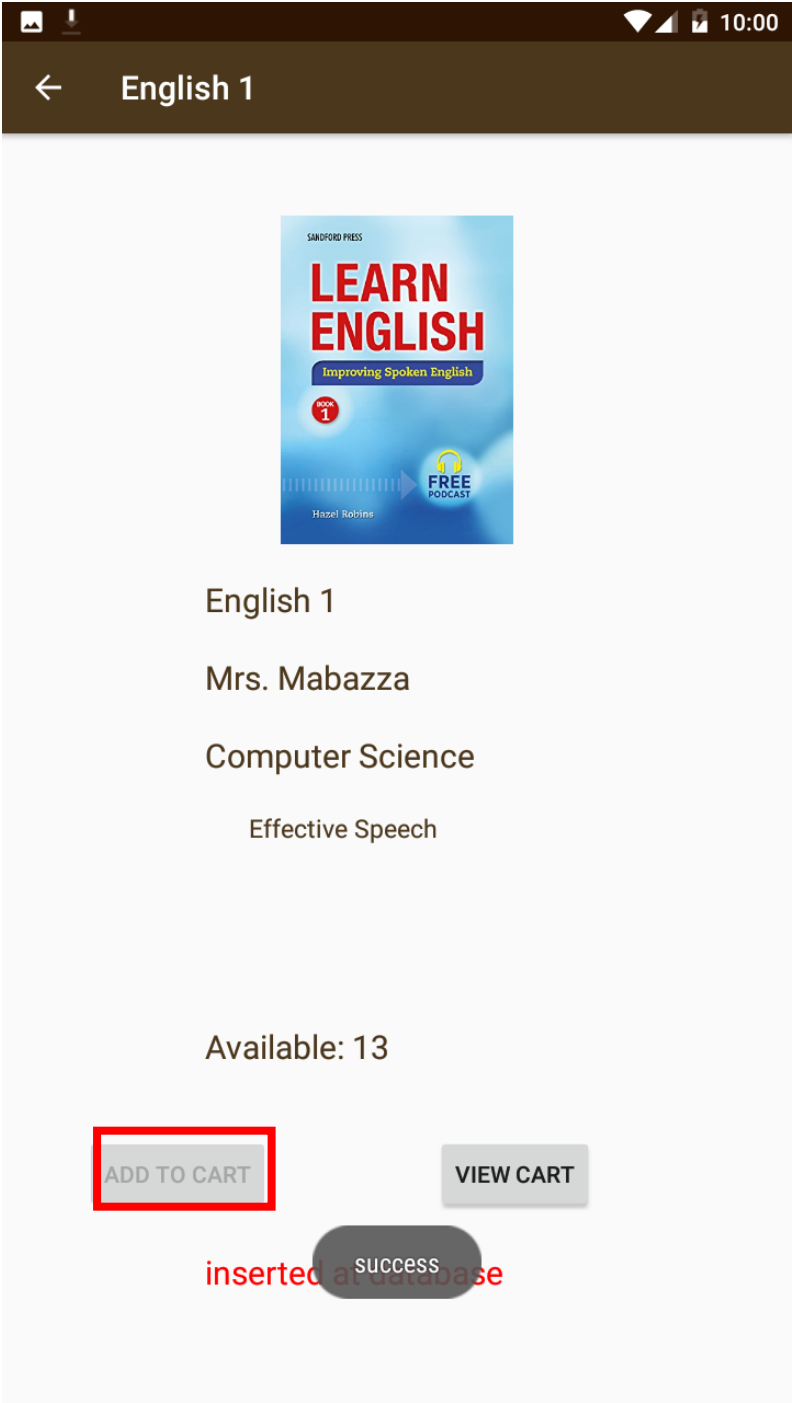
BORROWING OF BOOKS

On the book list, choose which book you want to borrow and click on it

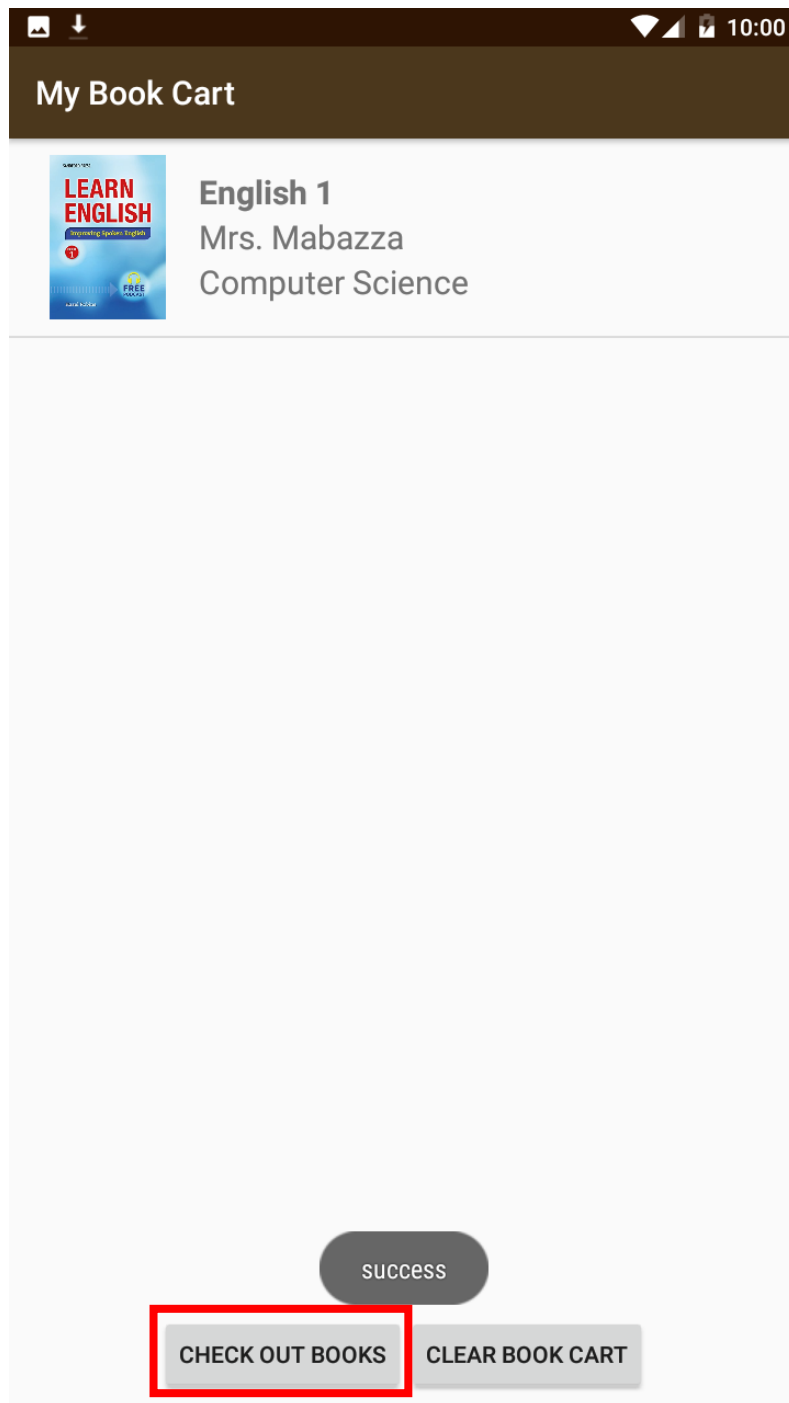


You can search books by Category, Title and Author.

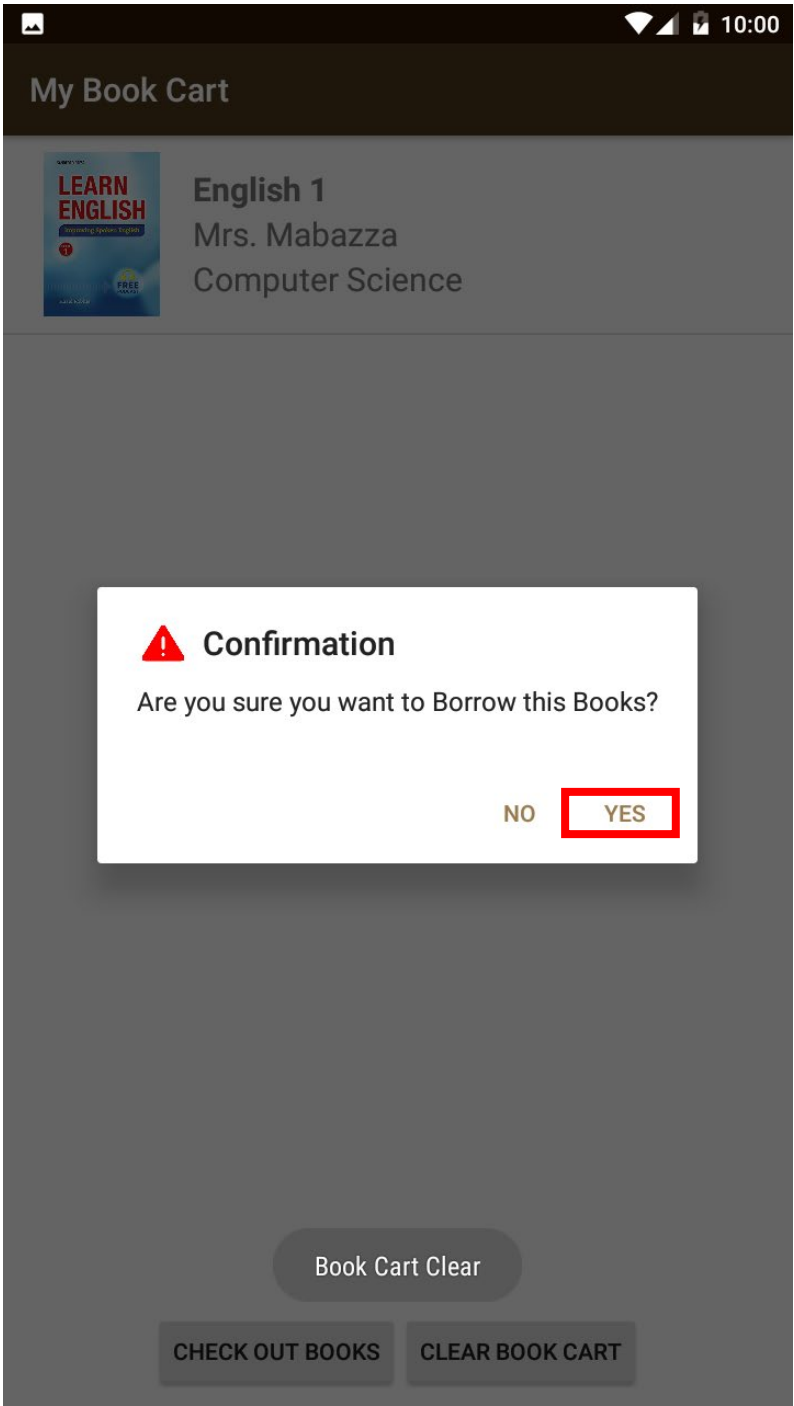




After finding the book you want to borrow, click add to cart



It will take you to your cart, and then you can click on Check Out Books for the books you have in your cart

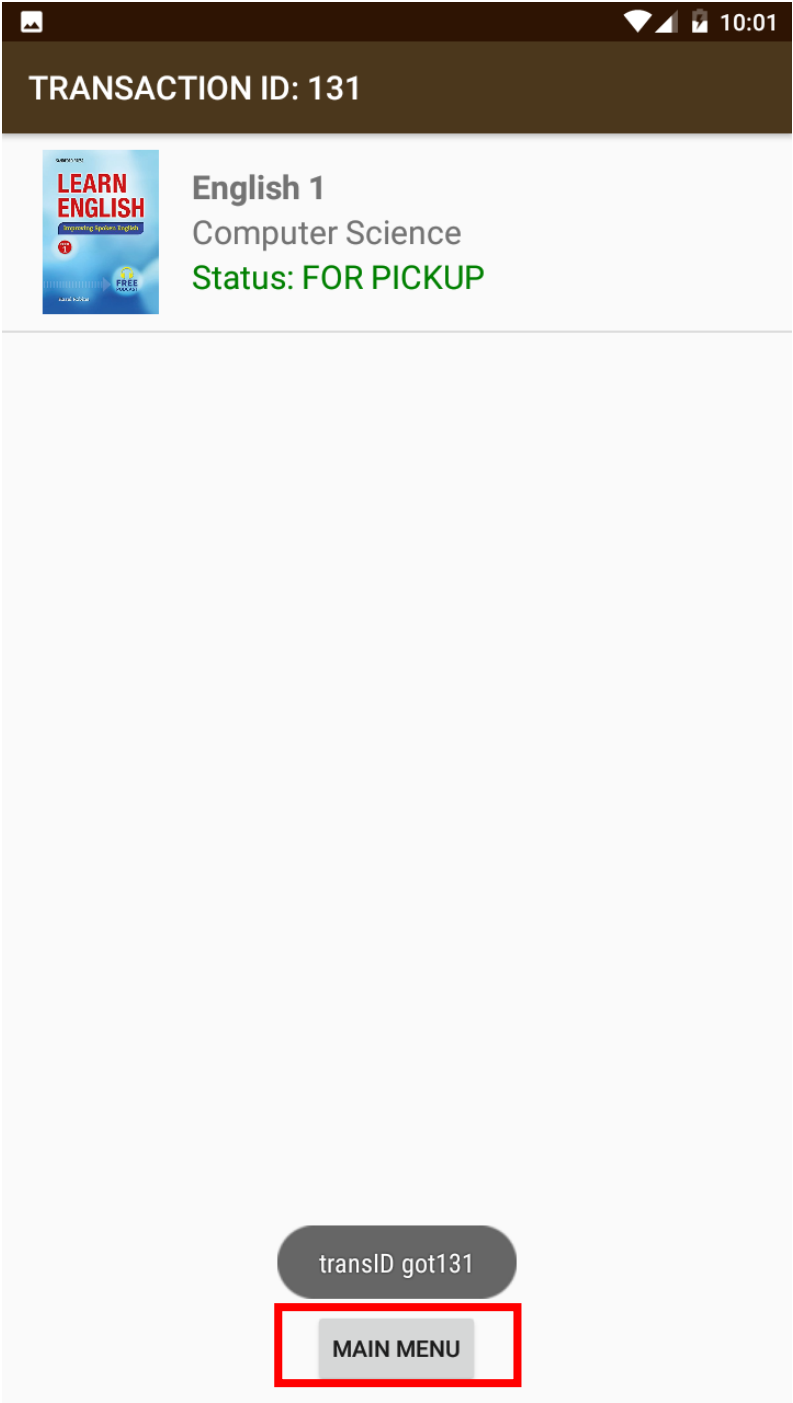


You will get a confirmation to borrow the book, click on yes

You will get a success notification and you can then proceed to view

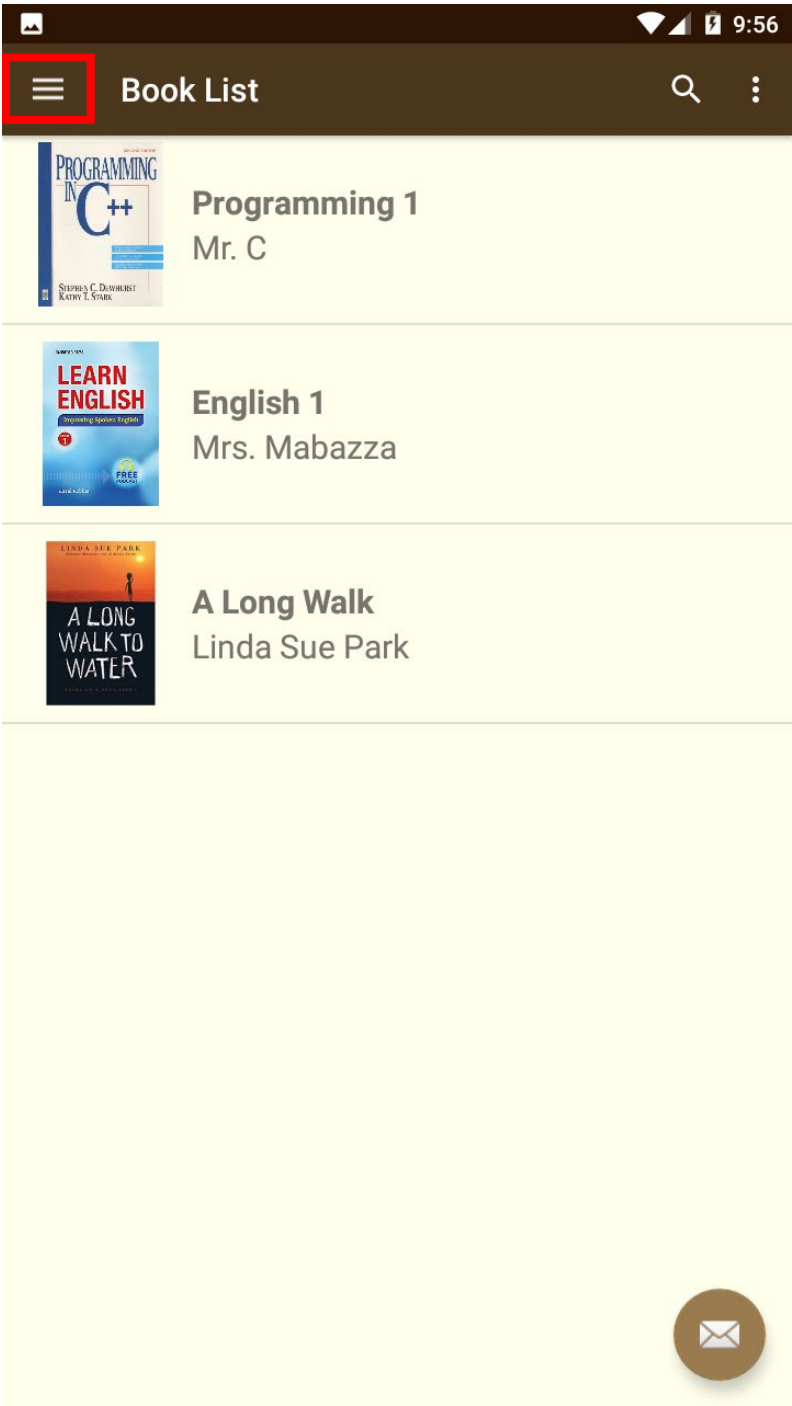


You will get your Transaction ID and you can go to the library and show them your Transaction ID and Pick up the Book

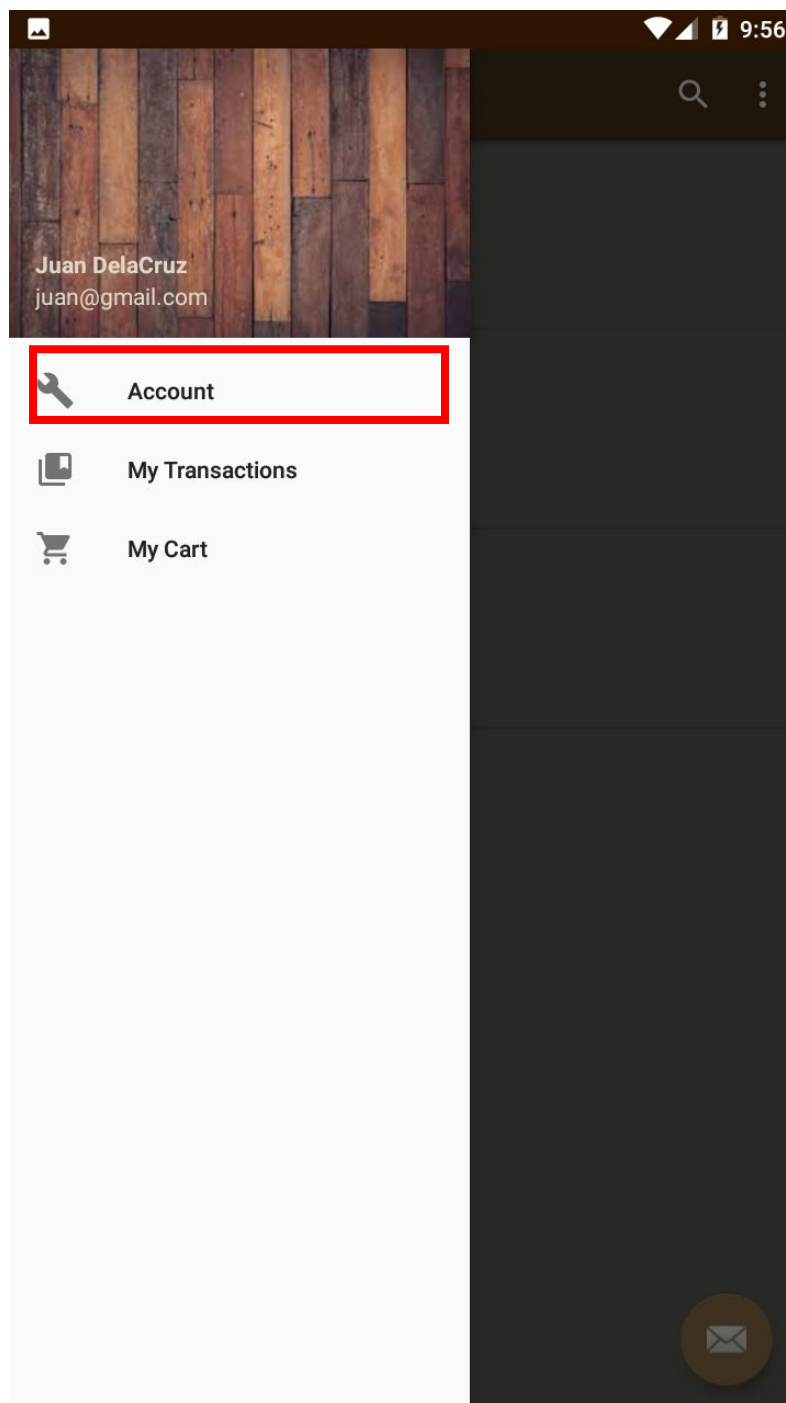




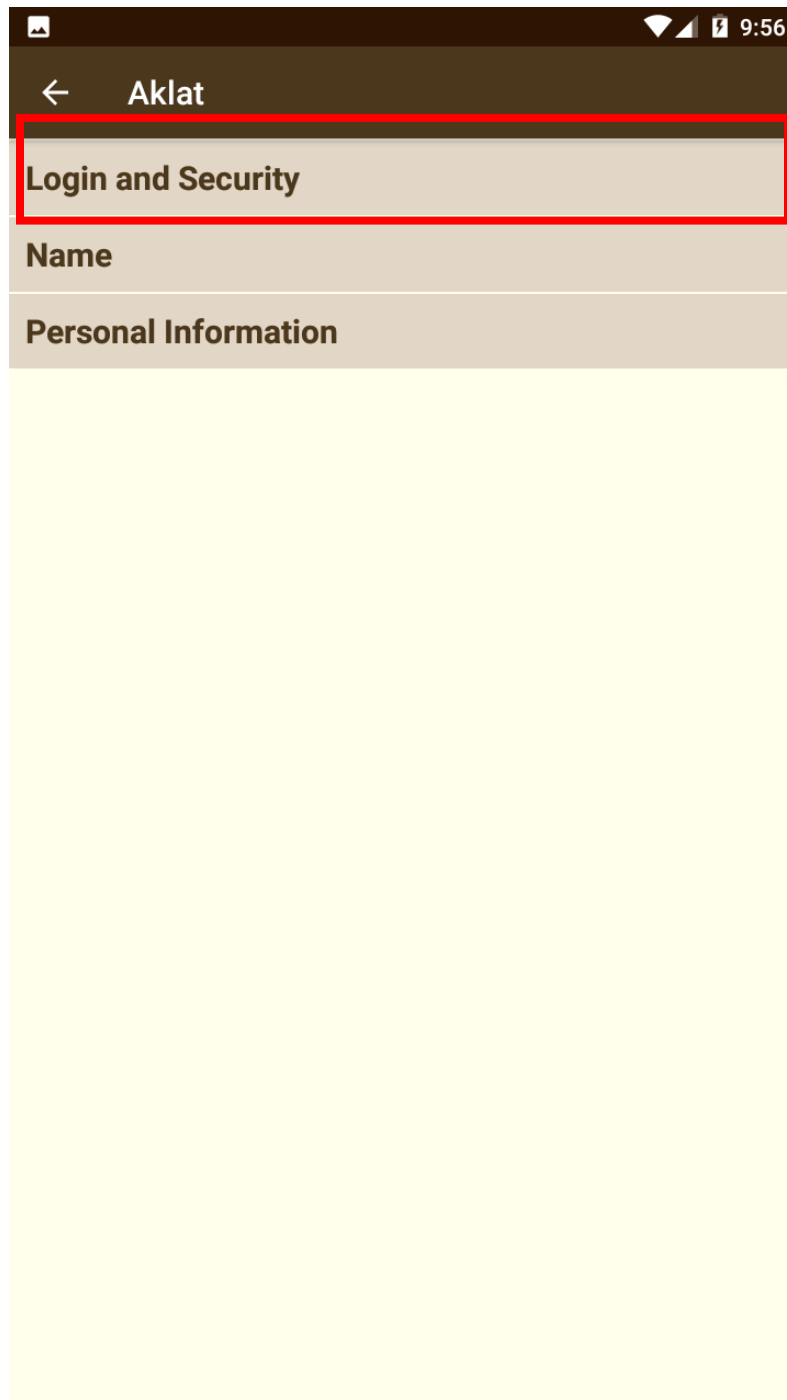
Navigation



On the Top right corner, click on the Hamburger Icon



Click on Account to edit your Aklat Account



To view and edit your Login information and Security, click on Login and Security



← Aklat

Login and Security

@ | uan@gmail.com

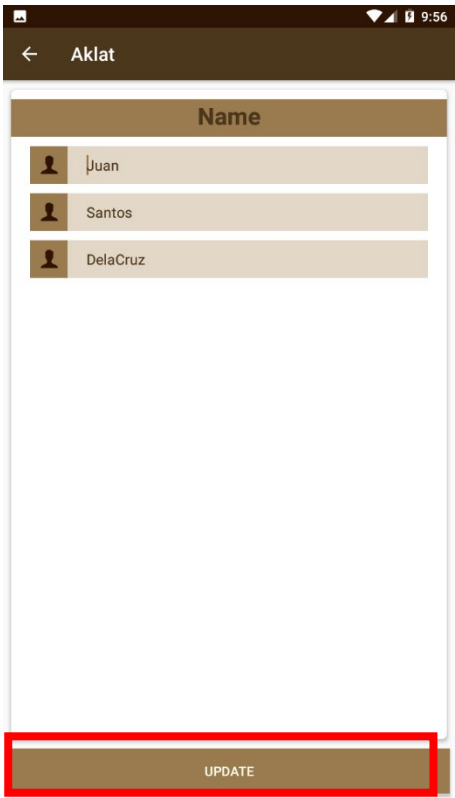
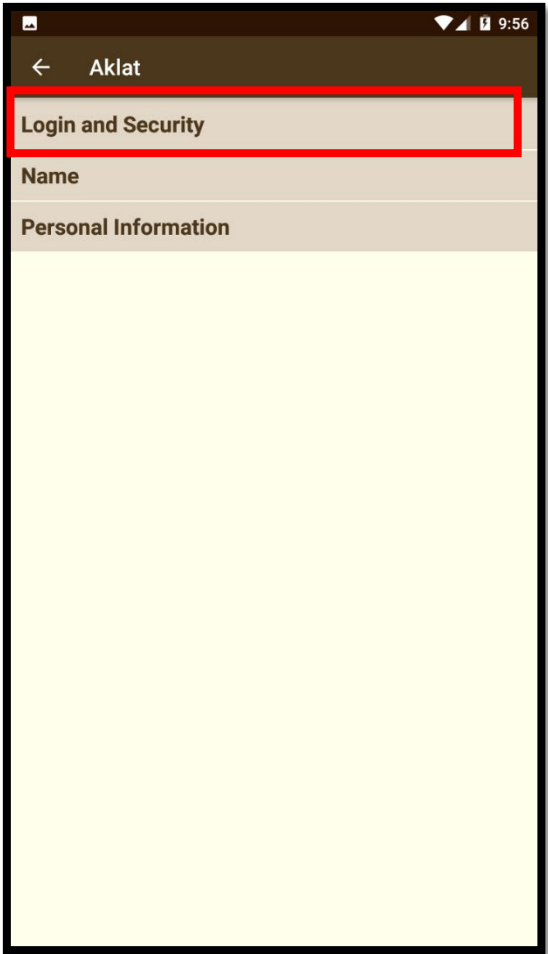
Forgot Password Setup

What is your first mobile number ever? ▼

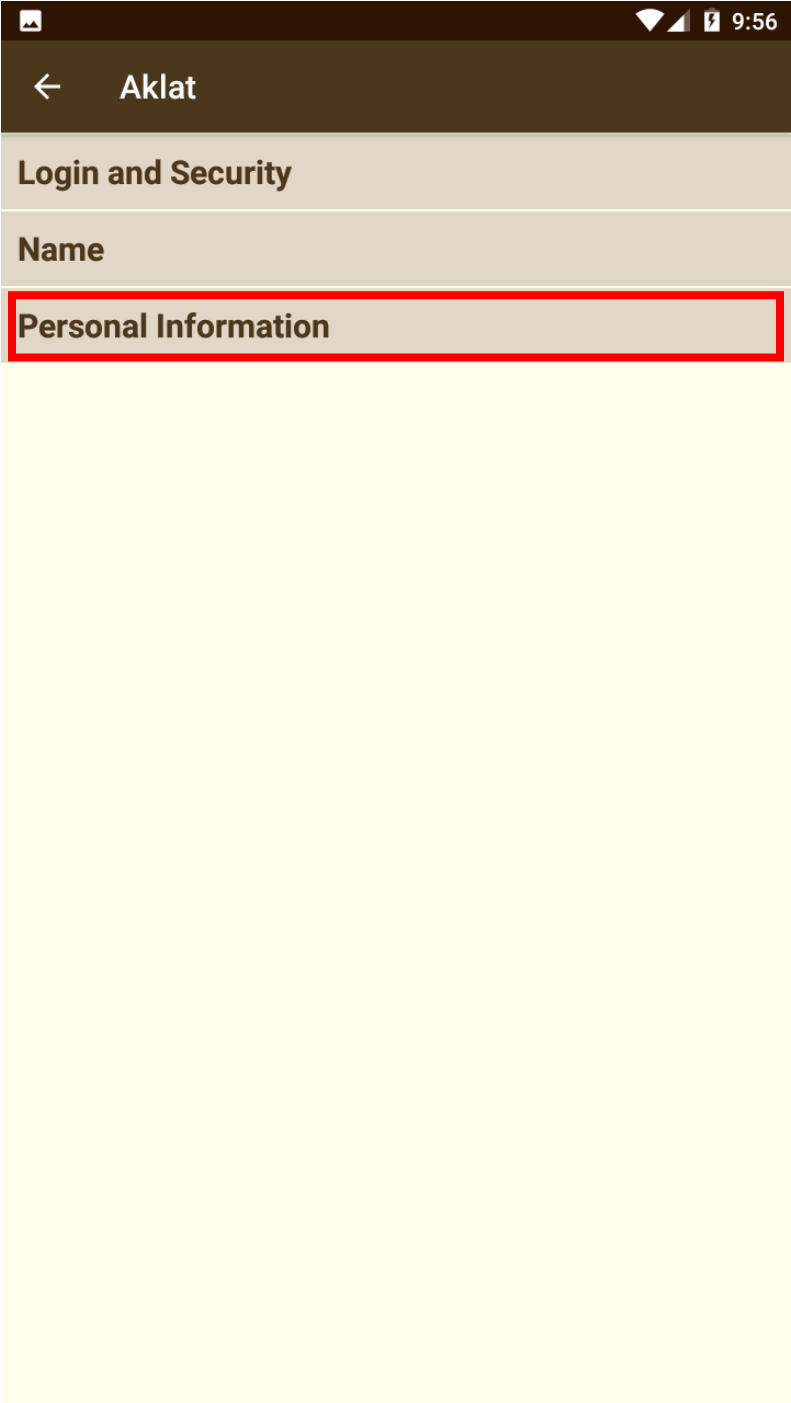
✓ Your answer

UPDATE

You can edit your Login Email and add a security question and answer, then click on update



To edit your Aklat Account Name, Click on Name



Edit your name and then click on Update to update your Aklat Account Information



9:56

←

Aklat

Personal Information

Change Photo

639392459877

Male

▼

BS Computer Science

▼

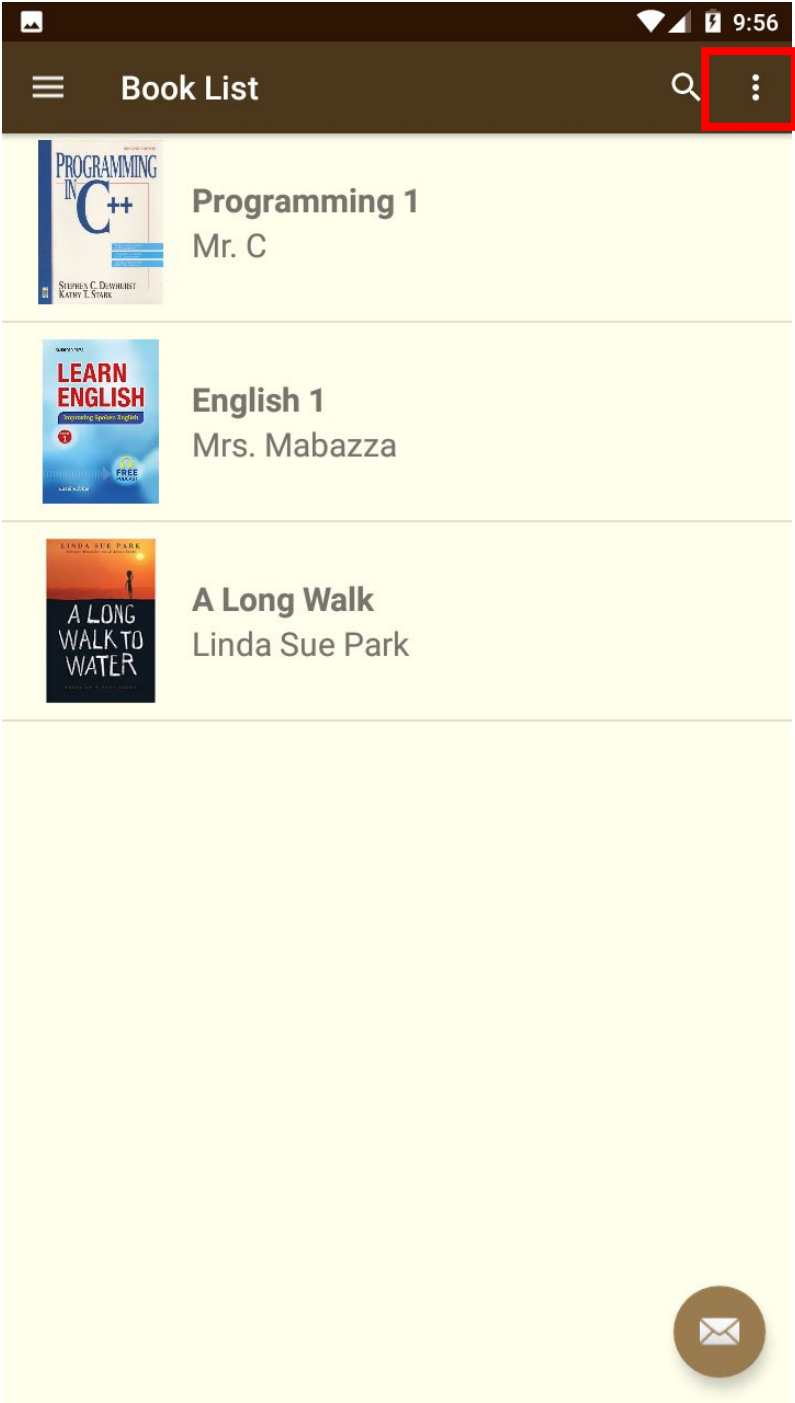
Birthday

▼

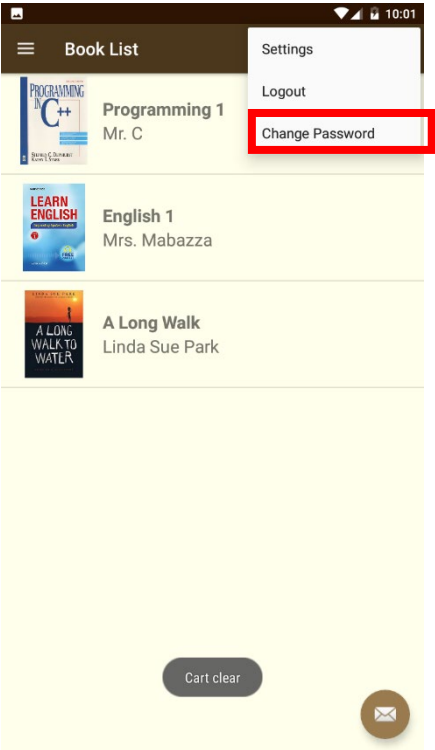
UPDATE

To edit your Aklat Account personal information, click on Personal Information

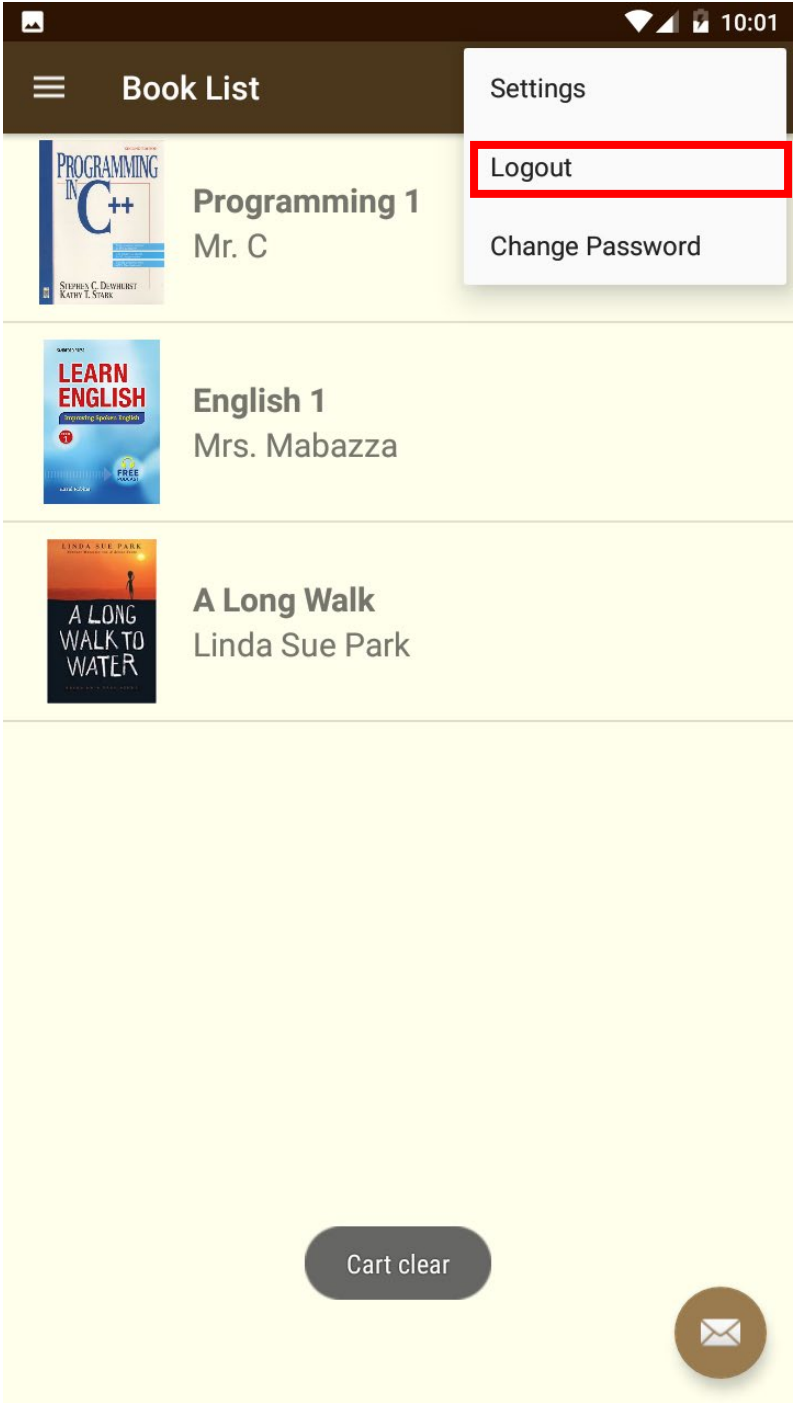
Edit your Personal information such as phone number, course and birthday then click on Update




Click on the Triple Dot Icon to View Settings, Change your Aklat Account password or Logout



To change your password, click on Change password
Type your current password for your Aklat Account and then
type and re-type your new password then click change



To log out of your Aklat Account, Click logout



LOGIN

Register Here

Forgot Password?

To Log in with your Aklat Account, fill the respective fields and then click Login



If you've forgotten your password, Click on Forgot Password
To recover your account, Type in your ID on the respective
field and you will see your security question, answer with the
correct response and click on recover