



SRM

INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)



TIRUCHIRAPPALLI

BANK MANAGEMENT SYSTEM

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Submission to: -
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Android Developer's

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BANK MANAGEMENT SYSTEM

The bank management system is an application for maintaining a person's account in a bank. The system provides the access to the customer to create an account, deposit/withdraw the cash from his account, also to view reports of all accounts present the following presentation provides the specification for the system by using android applications.

Requirements: -

- Android device (Internet Access)
- System (intel i5 processor)
- Android studio
- Firebase

Programming language: -

- Java

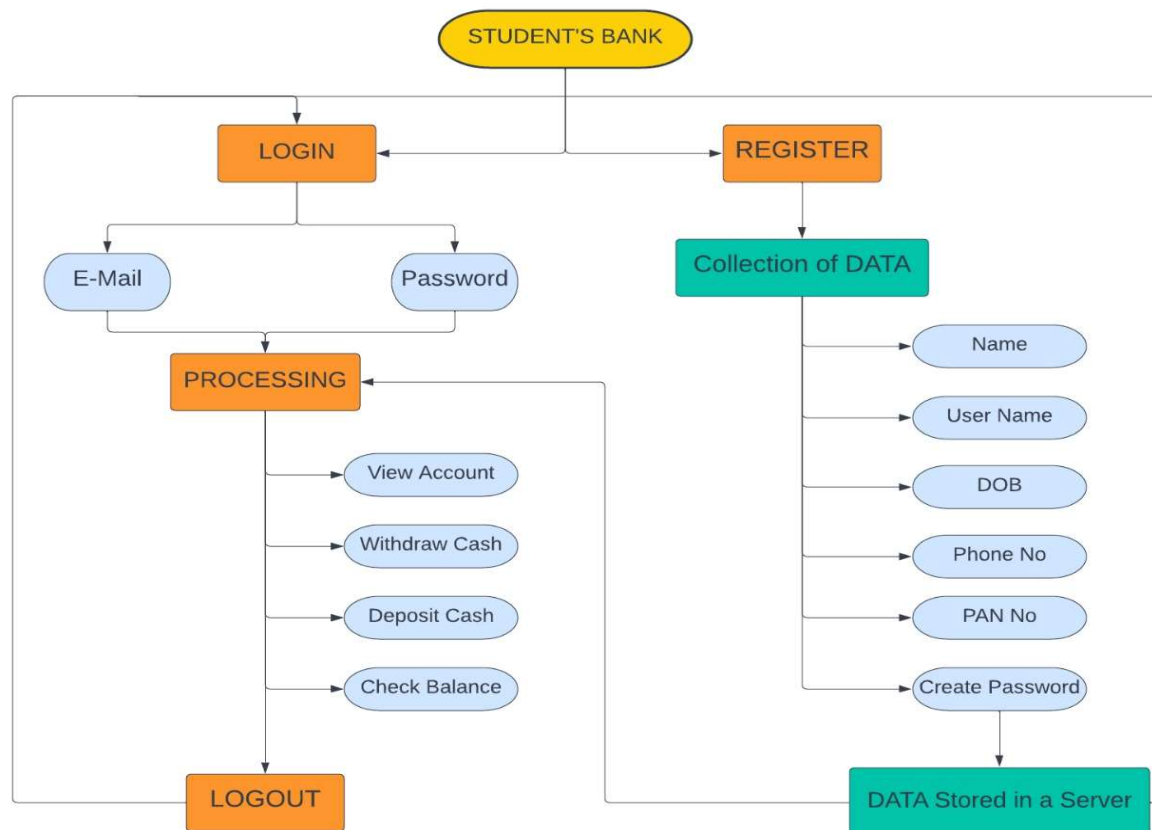
Android device requirement: -

- Android version 5
- 1GB RAM
- 2GB Storage

Problem Description:

The bank management system is an application for maintaining a person's account in a bank . The system provides the access to the customer to create an account, deposit/withdraw the cash from his account, also to view reports of all accounts present The following presentation provides the specification for the system it enables to search for the details of the given account number. Displays only one account detail at a time search opens a new account for the user by accepting input such as account number, name and minimum balance Open account selecting this creates a new file for the user by accepting input such as account number, name and amount create file.

Flowchart:



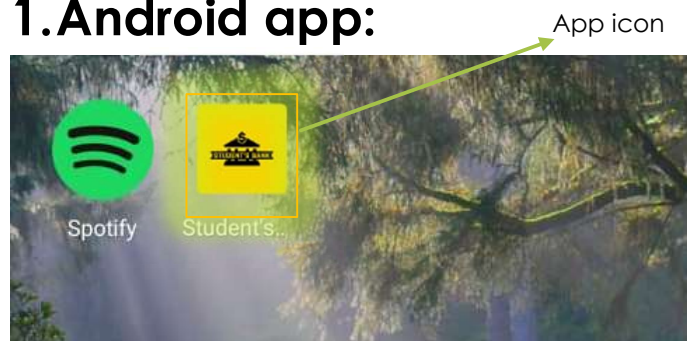
- Login or register your account in the application. For login it required User id & password or for registering your account it's required to fill your biodata.

Functions described:

Buttons	Functions
Login	Processing
View account	Register
Withdraw cash	Collection data
Deposit cash	Data stored in a server
Check balance	Logout

Screenshot:

1.Android app:



Home Screen

12:47 PM | 8.3KB/s | 77%

← Register

CREATE ACCOUNT

Name

User Name

DOB (dd/mm/yyyy)

Email

Phone No

PAN No

password


REGISTER

Create Account

12:48 PM | 3.2KB/s | 77%

← Login

Login



Email

Password

Forget password

LOGIN

Login Screen

12:48 PM | 0.0KB/s | 77%

← Register

CREATE ACCOUNT

Yoga Vignesh v

yoga

28/09/19

yoga2822@gmail.con

9442249329

wps8277js

yoga12345


REGISTER

After Creating Account

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≡ Student's Banks

Welcome Yoga Vignesh v



View Profile

Withdraw money

Deposit

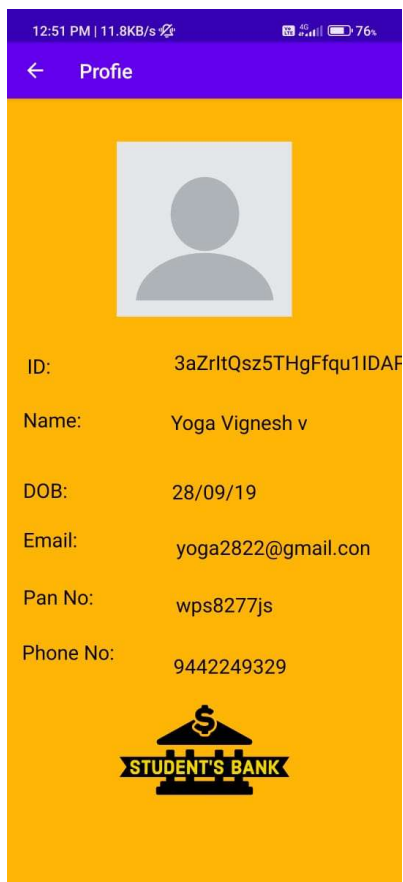
Check your account balance

Dashboard Screen

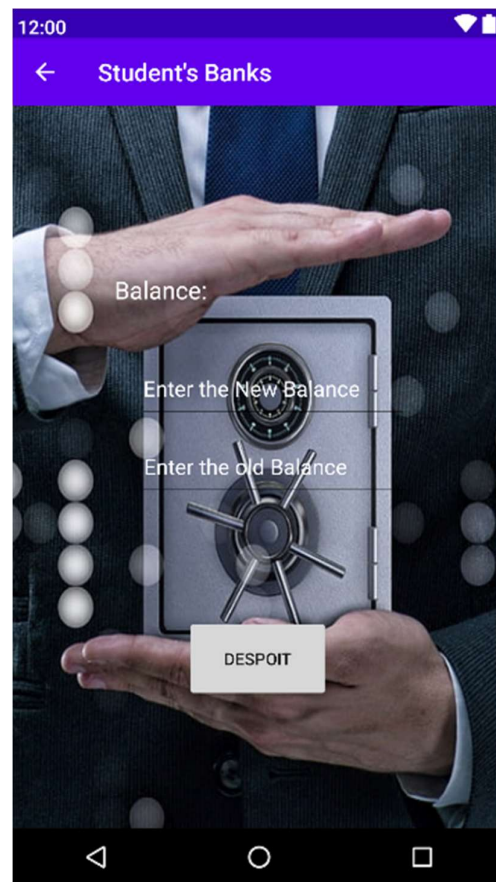
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← Student's Banks

- Home
- profile
- Check account balance
- Logout



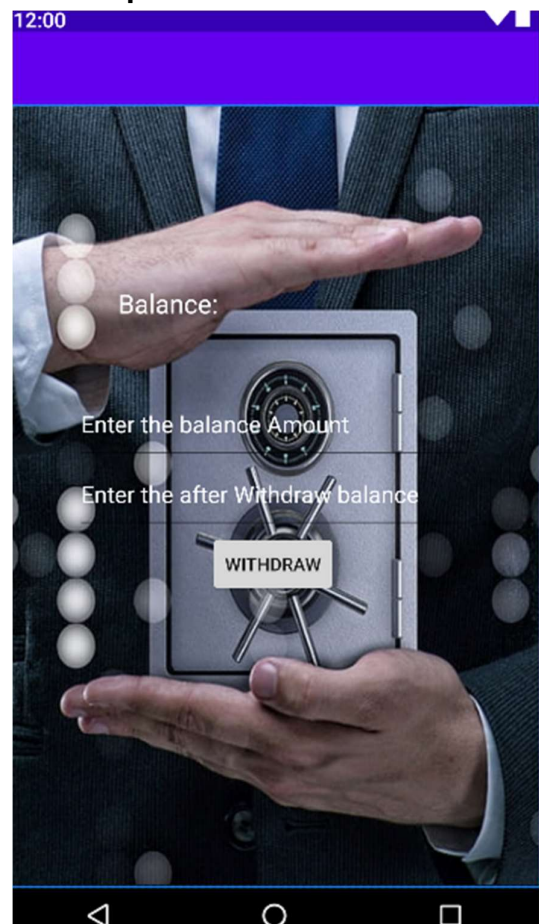
View profile



Deposit Screen

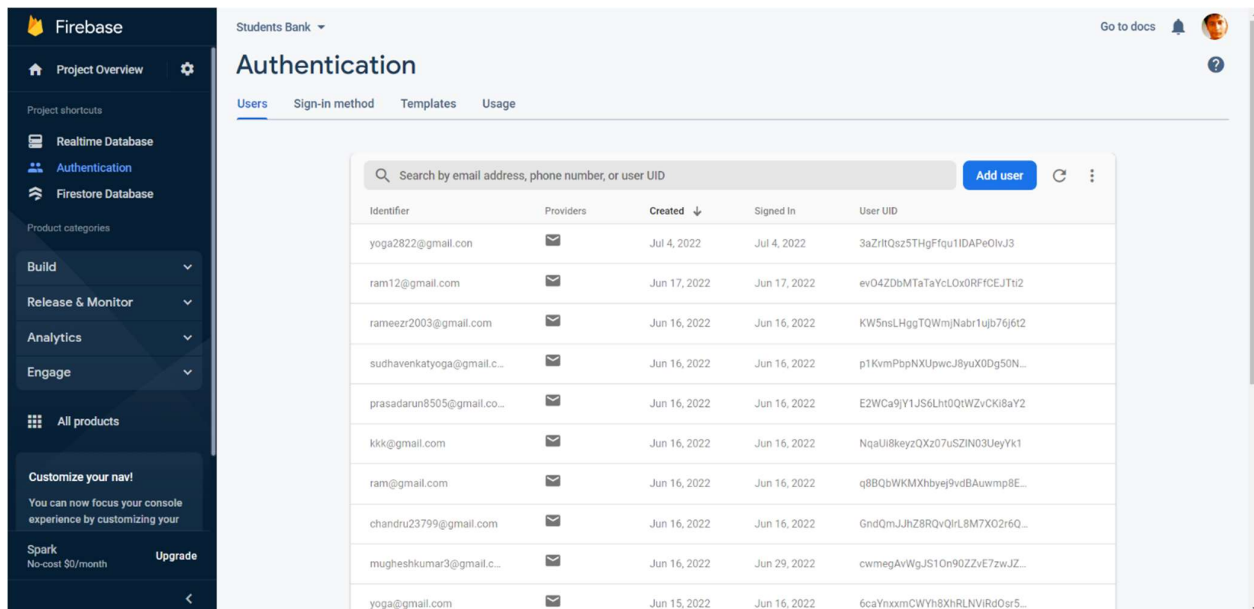


Check balance Screen



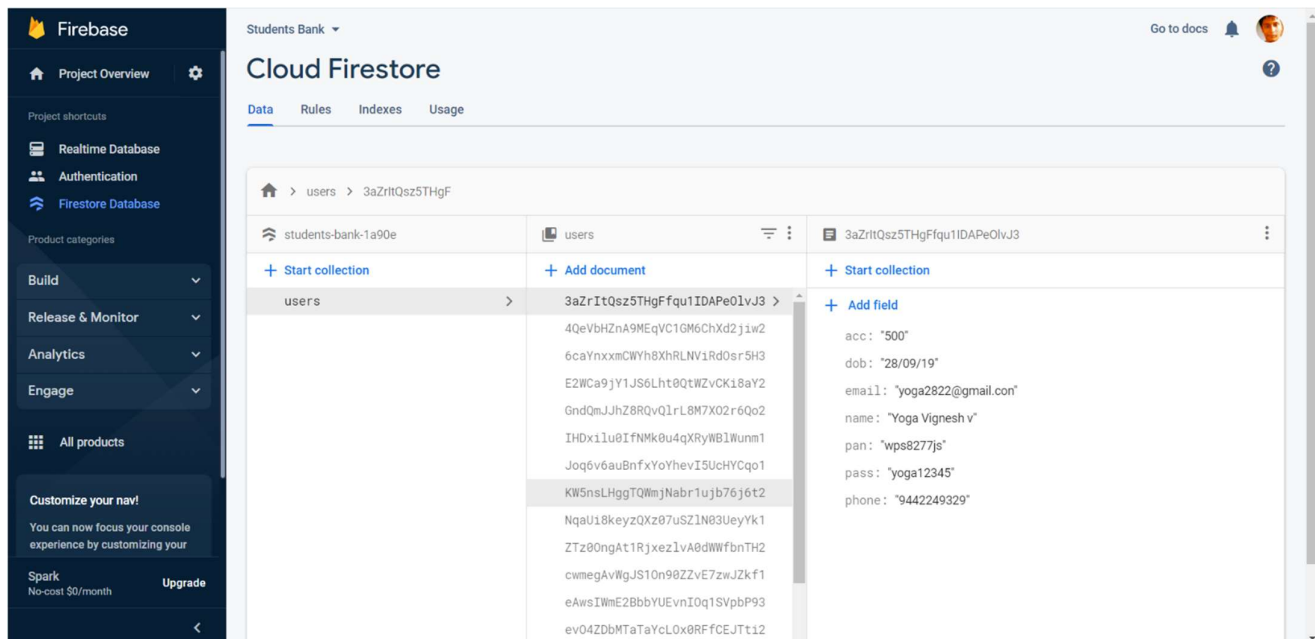
Withdraw Screen

2. Firebase (Server): -



The screenshot shows the Firebase Authentication console for the 'Students Bank' project. The left sidebar contains navigation links for Project Overview, Realtime Database, Authentication, and Firestore Database. The main content area displays a table of users with columns for Identifier, Providers, Created, Signed In, and User UID. A search bar at the top allows filtering by email, phone number, or user ID. An 'Add user' button is visible in the top right of the table area.

Identifier	Providers	Created	Signed In	User UID
yoga2822@gmail.com	📧	Jul 4, 2022	Jul 4, 2022	3aZrItQsz5THgFfqu1IDAPeOlvJ3
ram12@gmail.com	📧	Jun 17, 2022	Jun 17, 2022	evO4ZDbMTaTaYcL0x0RFfCEJTt2
rameezr2003@gmail.com	📧	Jun 16, 2022	Jun 16, 2022	KW5nsLHggTQWmjNabr1ujb76jt2
sudhavenkatyoga@gmail.c...	📧	Jun 16, 2022	Jun 16, 2022	p1KvmPbpNXUpwcJ8yuX0Dg50N...
prasadarun8505@gmail.co...	📧	Jun 16, 2022	Jun 16, 2022	E2WCa9jY1JS6Lht0QtWZvCKi8aY2
kkk@gmail.com	📧	Jun 16, 2022	Jun 16, 2022	NqaU18keyzQXz07uSZIN03UeyYk1
ram@gmail.com	📧	Jun 16, 2022	Jun 16, 2022	q8BQbWKMxhbyej9vd8Auwmp8E...
chandru23799@gmail.com	📧	Jun 16, 2022	Jun 16, 2022	GndQmJjhZ8RQvQ1rL8M7X02r6Qo2
mugheshkumar3@gmail.c...	📧	Jun 16, 2022	Jun 29, 2022	cwmegAvWgJS10n90ZZvE7zwJZ...
yoga@gmail.com	📧	Jun 15, 2022	Jun 16, 2022	6caYnxxmCWYh8XhRLNV1Rd0sr5H3



The screenshot shows the Firebase Cloud Firestore console for the 'Students Bank' project. The left sidebar contains navigation links for Project Overview, Realtime Database, Authentication, and Firestore Database. The main content area displays the 'users' collection with a document selected. The document contains fields for 'acc', 'dob', 'email', 'name', 'pan', 'pass', and 'phone'.

Collection: users

Document: 3aZrItQsz5THgFfqu1IDAPeOlvJ3

Fields:

- acc: "500"
- dob: "28/09/19"
- email: "yoga2822@gmail.com"
- name: "Yoga Vignesh v"
- pan: "wps8277js"
- pass: "yoga12345"
- phone: "9442249329"

Use's of Student's bank:

- **You can control all your transactions from your mobile by using one app.**
- **Need not required to visit the bank & stand in line for hours & hours.**
- **Usage of liquid cash will be less.**
- **We can encourage E- Transactions as per central government orders.**