

# **PROJECT REPORT**

## **1 INTRODUCTION**

### **1.1 Overview**

A brief description about our project.

As the world moves online, we at ViewPay are making sure the small and medium businesses are part of this digital revolution. With our use of mobile application, we aim to make business easy for all and to develop every business in easy and fastest way.

Make your life easy and stress-free with ViewPay app.

ViewPay will help keep track of the entire customer.

ViewPay is maintain by owner.

ViewPay will help you to know the transaction details with each customer and also send the report to the customer for their reference.

### **1.2 Purpose**

The use of this project. What can be achieved using this.

- Record debit and credit transactions for your customers, send payment details.
- Access your Tally data and manage your business from your mobile anytime, anywhere.
- Manage your daily incomes and expenses, and keep track of your cashflow in ViewPay.
- Unlimited features to help grow your business faster than before.

- User can make purchase and payment in online and can record all transactions and maintain a digital record

### **1.3 The use of this project.**

What can be achieved using this?

- View daily transaction of the date.
- By click on any customer, user can view list of transactions and can edit those transactions as well(new)
- Using the ViewPay user can add new customer under selected company.
- User can view transaction list by click username.
- ViewPay is the application which provides as much options to give usage flexibility and maintain.
- Save of time to customer.
- Easy to maintenance shop details It is also useful for audit tax purposes

## **2 LITERATURE SURVEY**

### **2.1 Existing problem**

Existing approaches or method to solve this problem

- There are many issues in maintenance of transaction with customer.
- There is loss of information in transaction and payments.
- Difficulty in finding customer.
- Difficult to find available products in a shop.
- Loss of time in finding details about a shop.

## 2.2 Proposed solution

What is the method or solution suggested by you?

**Subject:** By using ViewPay we can maintain our transactions so clearly and the details can also be transferred to the customers.

Several small business owners start a business and run it for a few days. But when it comes to managing finances, they find it difficult as all are not good at accounting. Especially in small businesses, people tend to buy things and pay later.

The cash book, accounting book, ledger book are the names given to one book that is used by business owners to enter their daily finance transactions. It provides relief to business owners by doing all accountings and manages the end-to-end cash transactions. There is not much technical knowledge required to use this app and just understanding how to use it will help every individual to enjoy all the features of it.

ViewPay will help keep track of the entire customer along with their mobile numbers. When the customer in the contact makes payment you and the customer get a prompt. Automatically the account book gets updated with debit and credit details.

Here it becomes easy to refer and understand the pending payment of each customer. Business owners can make the next move in their business such as sending reminders requesting payment, etc.

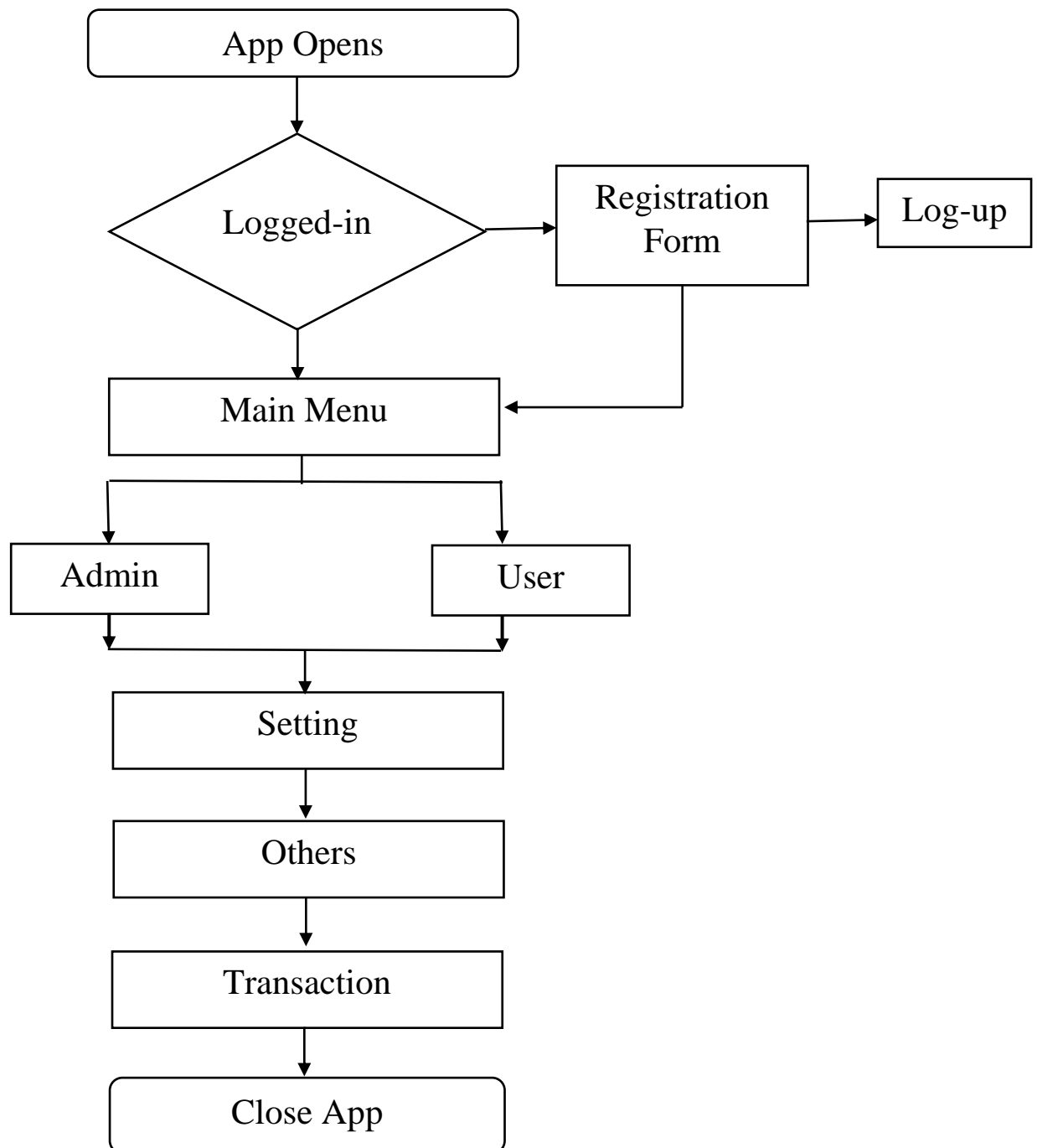
With this feature, you can manage multiple businesses with the same customer or different. No more worries about carrying different account books. All your business accounts are in your pocket with this one app.

ViewPay will help you to know the transaction details with each customer and also send the report to the customer for their reference. It is also useful for audit tax purposes

### 3 THEORITICAL ANALYSIS

#### 3.1 Block diagram

Diagrammatic overview of the project.



### **3.2 Hardware / Software designing**

Hardware and software requirements of the project

#### **Software:**

- Android Studio
- Canva

#### **Languages:**

- Java
- Xml
- Firebase

#### **Database:**

- Firebase cloud store
- Real-time database
- Payment API's

## **4 EXPERIMENTAL INVESTIGATIONS**

Analysis or the investigation made while working on the solution.

- Google
- YouTube
- GitHub
- Mozilla firebox
- Internet browser
- UI/UX designing concepts for designing

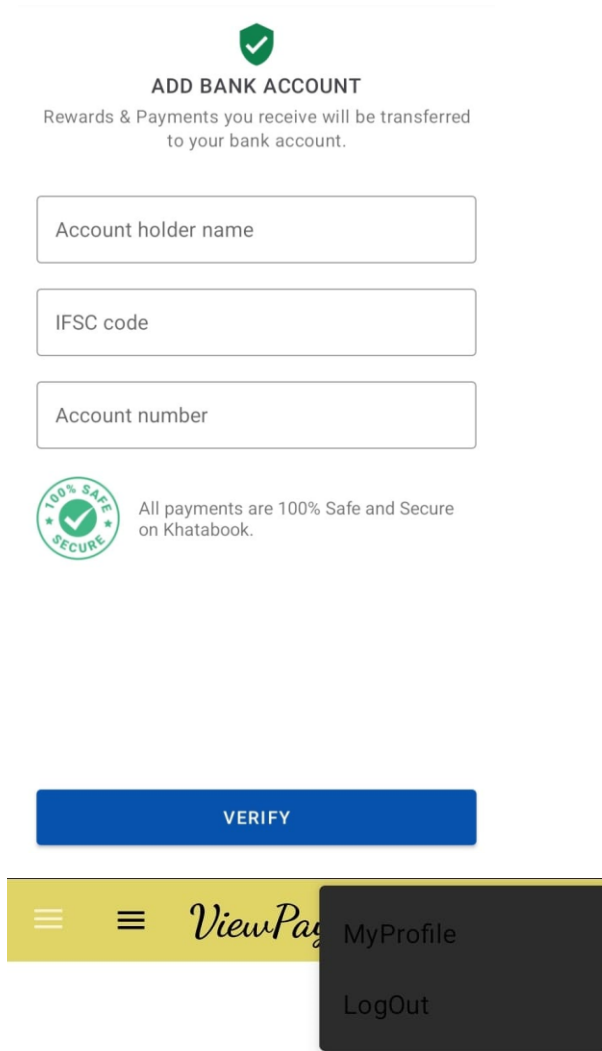
## 5 FLOWCHART

Diagram showing the control flow of the solution




## 6 RESULT

Final findings (Output) of the project along with screenshots.



The screenshot displays the 'ADD BANK ACCOUNT' interface within the ViewPage application. At the top, a green shield icon with a checkmark is positioned above the title 'ADD BANK ACCOUNT'. Below the title, a message states: 'Rewards & Payments you receive will be transferred to your bank account.' The form consists of three input fields: 'Account holder name', 'IFSC code', and 'Account number'. Below these fields is a green circular seal with a checkmark and the text '100% SAFE SECURE', accompanied by the text 'All payments are 100% Safe and Secure on Khatabook.' A blue 'VERIFY' button is located below the seal. At the bottom of the screen, a yellow navigation bar contains a hamburger menu icon, the text 'ViewPage', and a dark grey dropdown menu with the options 'MyProfile' and 'LogOut'.




**ADD BANK ACCOUNT**

Rewards & Payments you receive will be transferred to your bank account.



Account holder name

IFSC code

Account number

 All payments are 100% Safe and Secure on Khatabook.

**VERIFY**

  ViewPage

MyProfile

LogOut

## **7 ADVANTAGES & DISADVANTAGES**

List of advantages and disadvantages of the proposed solution.

### **ADVANTAGES:**

- Ability to handle multiple purchases.
- More affordable and effective marketing.
- Lower costs of storage maintenance.
- Detailed product information.
- ViewPay helps in connecting with peoples in business.
- Faster buying process.
- Available 24\*7.
- Save time of the customer.
- Easy to hire employees.
- Easy to influence an impulse buy.
- Avoid human error while dealing.
- Comparison of the products easy.

### **DISADVANTAGES:**

- ViewPay is not used in large business area.
- Payment is done only in online.

## **8 APPLICATIONS**

The areas where this solution can be applied

- Small business area
- Medium business area



## **9 CONCLUSION**

Conclusion summarizing the entire work and findings.

ViewPay app is developed for small and medium business owners in mind and helping them in getting paid from customers and managing their ledger and customer book. ViewPay is user-friendly, easy to use and secure too. Place your financing calculation worry to the app and focus on growing your business.

## **10 FUTURE SCOPE**

Enhancements that can be made in the future.

- We will develop in transactions (transactions will be made using all payment apps).
- We will also develop multiple languages to use ViewPay for the different users of their convenient.
- We also develop the app for the merchants to use ViewPay.

## **11 BIBLIOGRAPHY**

References of previous works or websites visited/books referred for analysis about the project, solution previous findings, etc.

- [IBM training classes](#)
- <https://www.geeksforgeeks.org/how-to-view-and-locate-sqlite-database-in-android-studio/>
- <https://github.com/bGuom/Boadima-Transaction-Management-Android-Application>
- <https://github.com/gotev/android-speech>

- <https://github.com/sng06/Unspoken Caller>
- <https://github.com/apaar97/translate>
- <https://github.com/Kashier-payments/Kashier-Android-SDK>
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- <https://www.geeksforgeeks.org/android-creating-a-splash-screen/>
- <https://codingwitht.com/modern-design-dashboard-in-android-studio/>
- <https://www.learnhowtoprogram.com/android/data-persistence/logging-out-and-overflow-menus>

## **APPENDIX**

### **A. Source Code**

Attach the code for the solution built.

<https://docs.google.com/document/d/1I-KbIJRvukQmncJFFHmmR4i9e6AFehAM/edit?usp=drivesdk&oid=117609332163100751501&rtpof=true&sd=true>