Introduction

BAZAR KHATA is basically an app useful for shopkeepers and small, medium businesses

It can replace our offline Bill Khata and transform it into a digital Cash Book with a lot of great features. It is Tally for mobile. Shop owners can use the app to record credit (Jama) the transactions with their trusted customers

BAZAR KHATA is very easy to use, safe and secure app for our business.

Here we first add customers ,then we receive the payment made by customer, Everytime after successful reception of money from customers we get notified with e-mails, sms Hence this

PROBLEM STATEMENT

The main problem which is resolved by using the BAZAR KHATA app is that we dont need to remember all credits of customer and basically it maintains all the accounts of sales. Small business owners often struggle to keep track of their daily transactions, particularly when it comes to recording credit transactions for their customers. This can lead to errors, lost transactions, and ultimately financial losses.

SOLUTION

We developed a Hybrid App to keep track of day to day transactions between shop owners and customers,
1)Designed a System capable of generating invoice for shop owners on daily as well as monthly basis.
2)Used Firebase's Authentication to verify user and Firebase's firestore to store data.
3)Apart from Firebase,we also used Sqllite database(SQL Database) to store bills and customers information locally.

TECHNICAL ARCHITECTURE

FrontEnd

BackEnd

API'S

Flutter

Dart

FireBase

SQLlite DataBase

FireBase Authentication

Email JS

Technologies used

Flutter :- Flutter is used for the designing the UI of the Application.
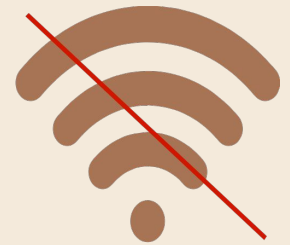Flutter is a powerful framework that allows developers to create high-quality, cross-platform mobile applications quickly and efficiently.

Firebase:- Firebase provides developers with a powerful and easy-to-use set of backend services that can help them build high-quality applications quickly and efficiently.

SQL Lite:-SQLite is a lightweight, easy-to-use, cross-platform, high-performance, and ACID-compliant database system that is widely used for mobile and web applications.

Email JS:- EmailJS is a simple, cost-effective, and reliable email delivery service that can be easily integrated into any application. Its customizable templates, integration with popular frameworks, and advanced features make it a popular

DRAWBACKS

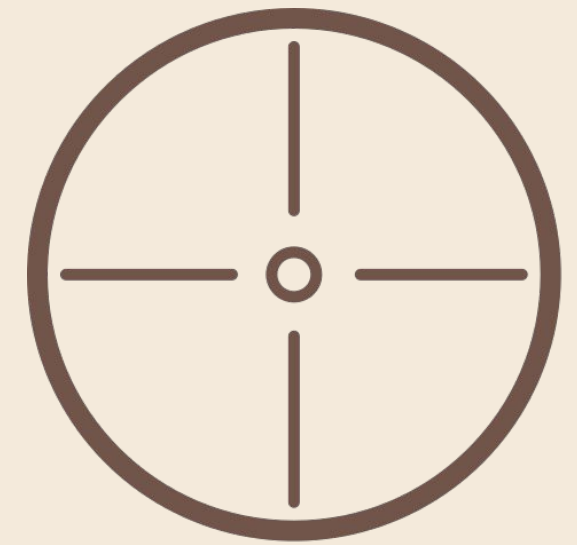1.Internet connectivity required for registration hence it is considered as a one of the major drawback.

2.If mobile phone is lost no-backup will be present

3.Since Data is store on local disc ,if my account of shop is opened on another device there will be no access to my transactions history hence it is considered as a one of the major drawback.
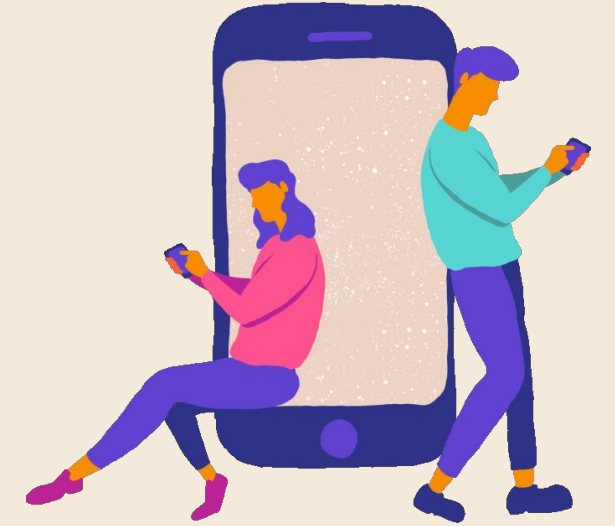
FUTURE SCOPE

- Payment Gateway: business owner needs to create a payment link in the third-party payment gateway and then add that link to the BAZAR KHATA app. So that ,Customers can then use that link to make payments.

2. Data Analysis

ENHANCEMENTS

1.Improvement in UI can be made.

2. A feature to calculate Profit/loss on each sale can be added.

3.We can add various language to make our app user-friendly Languages feature.

4. A feature of Multiple subaccounts for branches can be added in our app.

5.We can add feature of microphone

CONCLUSION

BAZAR KHATA app offers a simple and user friendly interface, and owners can easily record their credit bills transactions.

This app make business analysis easy for the owner.

By using this app owner can easy maintain all the past and the present records
This is one step forward towards the Digital India.

This is app is sustainable for the nature also
owner can easily check how much money need to be send by the clie