



International Islamic University Chittagong
Department of
Computer Science & Engineering

Batch No : CBI-018

Course Title : Mobile App Development using Flutter

Course Instructor : Noor Mohammad Anik





EXPENSE & INCOME TRACKER APP

'FinTrack'

Prepared By -

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CONTENTS

- Introduction
- Language, Tool, Framework, Database Used
- Key Functionalities
- Workflow
- User UI
- Conclusion
- Future Work





INTRODUCTION

- Simplify personal financial management.
- Enable users to track expenses and income effortlessly.
- Encourage budgeting and saving habits.
- Currency Converter

LANGUAGE



DATABASE



TOOL



**Android
Studio**

FRAMEWORK



```
mirror_mod = modifier_ob.  
Set mirror object to mirror  
mirror_mod.mirror_object
```

```
operation == "MIRROR_X":  
mirror_mod.use_x = True  
mirror_mod.use_y = False  
mirror_mod.use_z = False  
operation == "MIRROR_Y":  
mirror_mod.use_x = False  
mirror_mod.use_y = True  
mirror_mod.use_z = False  
operation == "MIRROR_Z":  
mirror_mod.use_x = False  
mirror_mod.use_y = False  
mirror_mod.use_z = True
```

```
selection at the end -add  
mirror_ob.select=1  
modifier_ob.select=1  
context.scene.objects.active  
("Selected" + str(modifier_ob.  
mirror_ob.select = 0  
= bpy.context.selected_object  
data.objects[one.name].select  
print("please select exactly
```

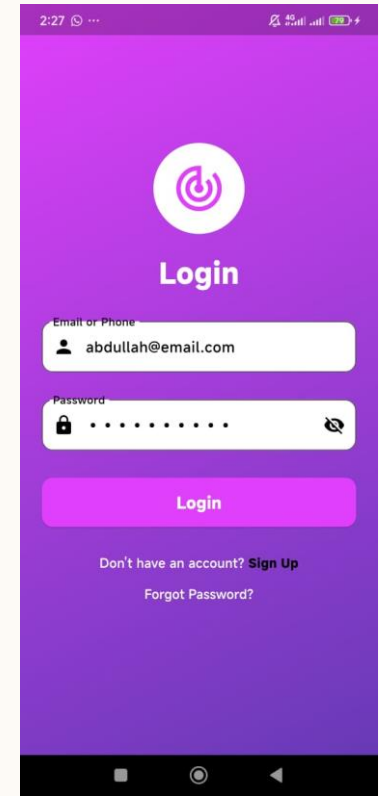
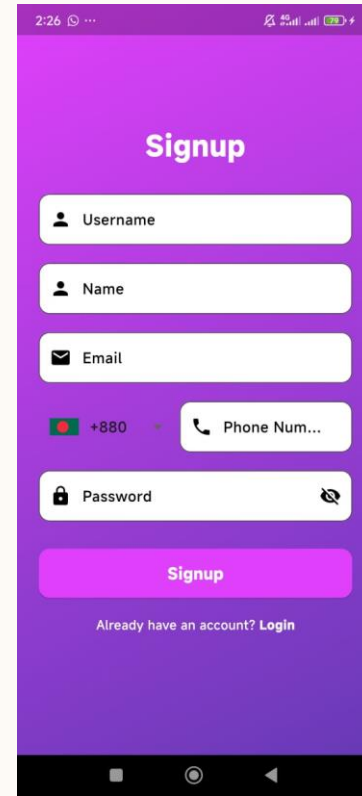
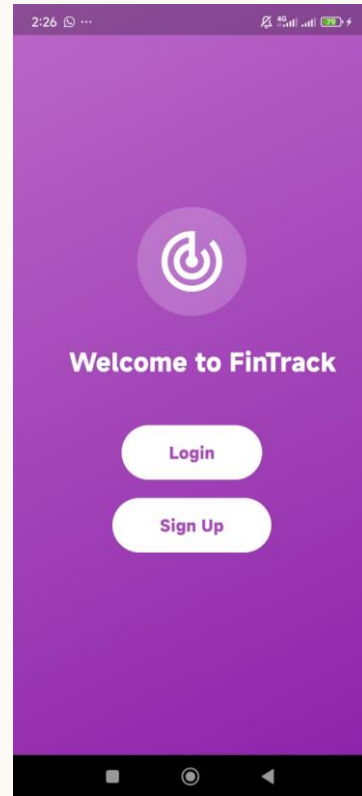
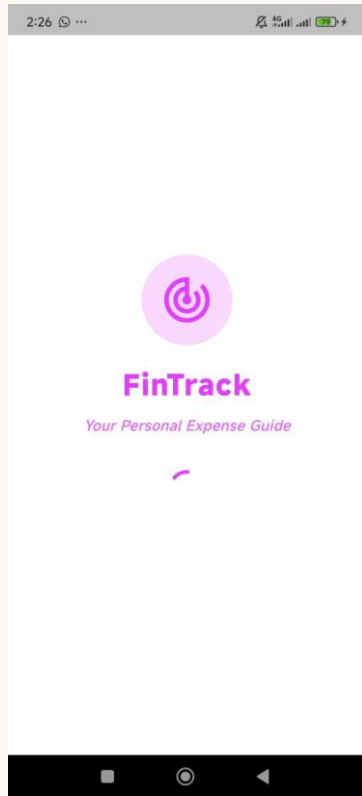
-- OPERATOR CLASSES ----

```
types.Operator):  
X mirror to the selected  
object.mirror_mirror_x"  
mirror X"
```

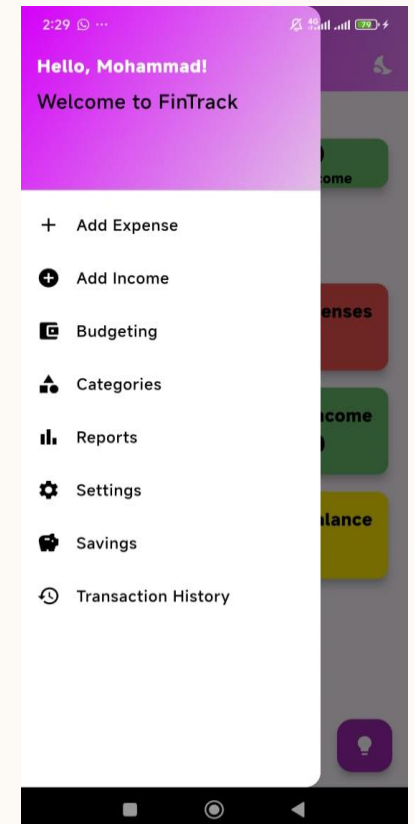
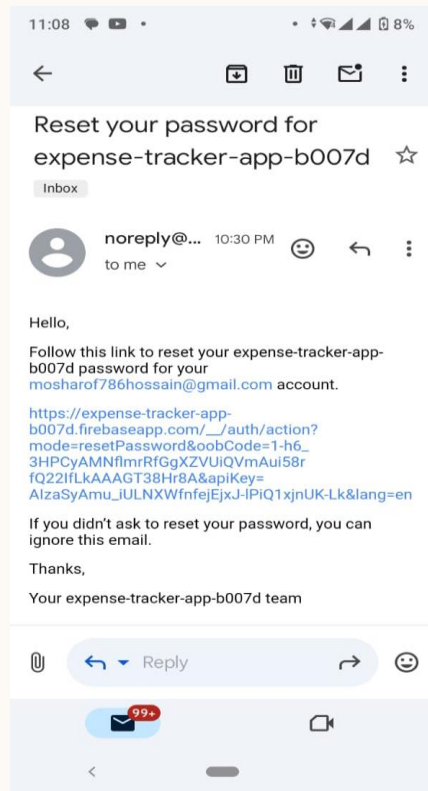
```
context):  
context.active_object is not
```


KEY FUNCTIONALITIES

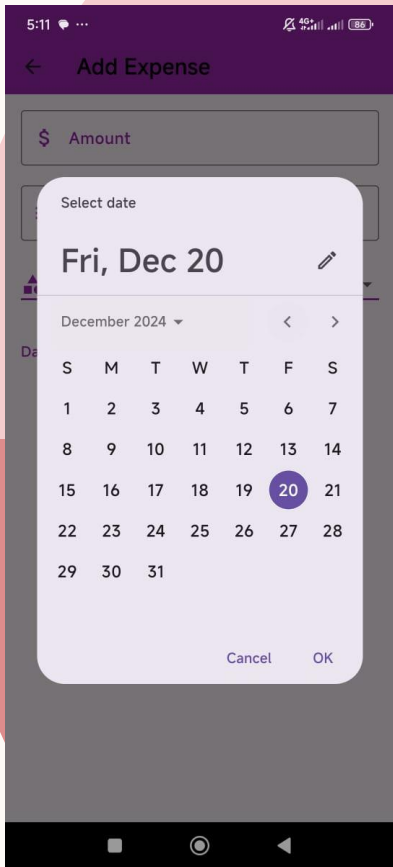
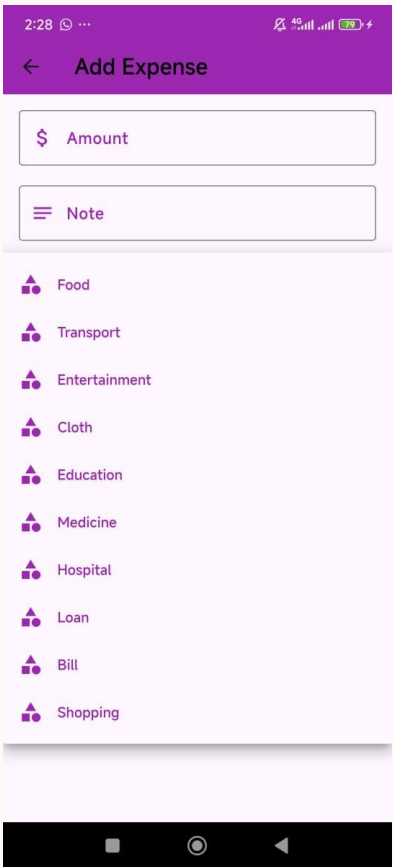
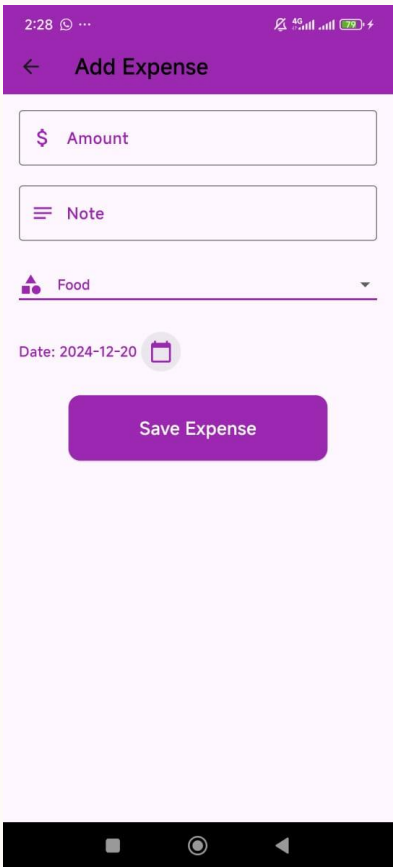
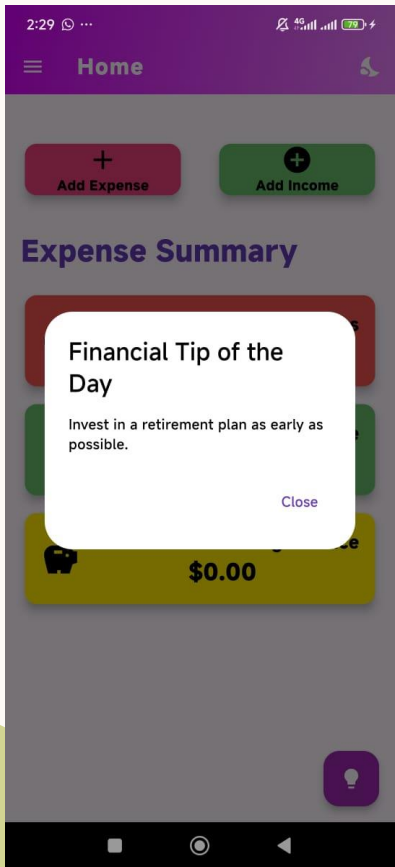
- Track daily expenses and income.
- Set budgets for expenses, income, and savings.
- Real-time progress indicators and remaining balances.
- Firebase integration for secure user authentication and data storage.
- User-friendly interface with a modern and intuitive design.
- Convert any currency to BDT and Vice-versa.
- Password Reset through sending email.



UI



UI



2:28

4G

99

←

Add Income

\$

Income Amount

Category

☰

Note

📅

Selected Date: 2024-12-20

Pick Date

Save Income

5:13

4G

86

←

Add Income

\$

Income Amount

Salary

Business

Trade

Freelancing

Tuition

Rent

Investments

Others

5:13

4G

86

←

Add Income

\$

Income Amount

Select date

Fri, Dec 20

December 2024

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22

23

24

25

26

27

28

29

30

31

Cancel

OK

2:29

4G

89

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Transaction History

Expenses

Income

Today

Last Week

Last Month

All

Food

Bill

Cloth

Educ

🔍

Search Transactions

ice cream

Food

50.00

Dress

Cloth

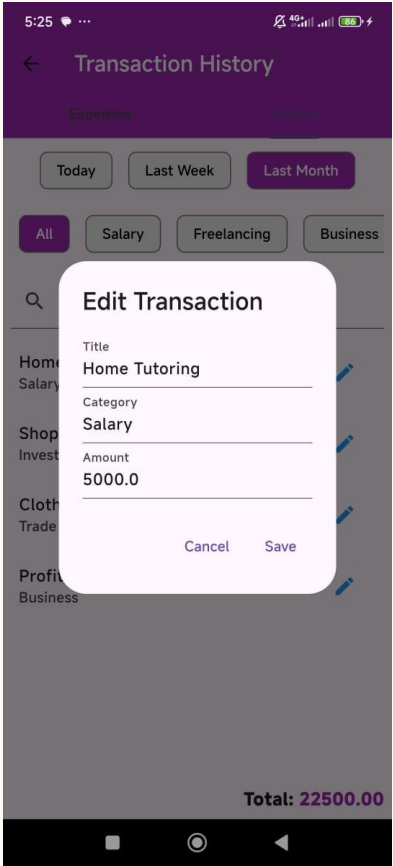
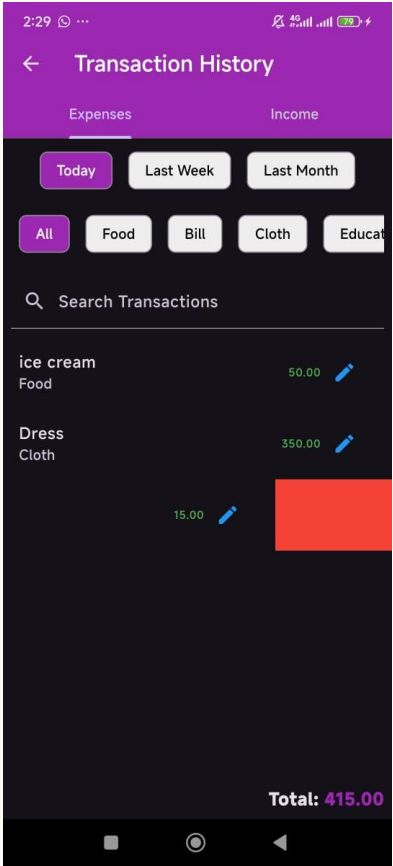
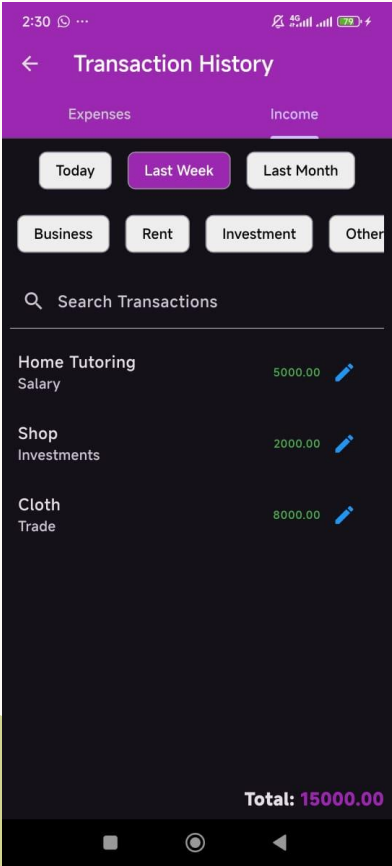
350.00

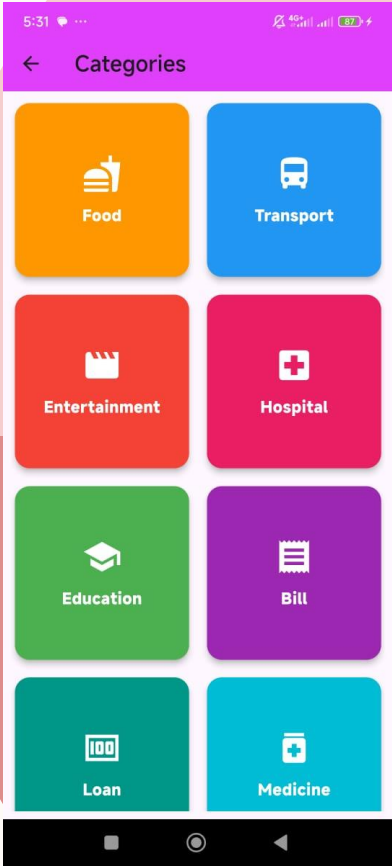
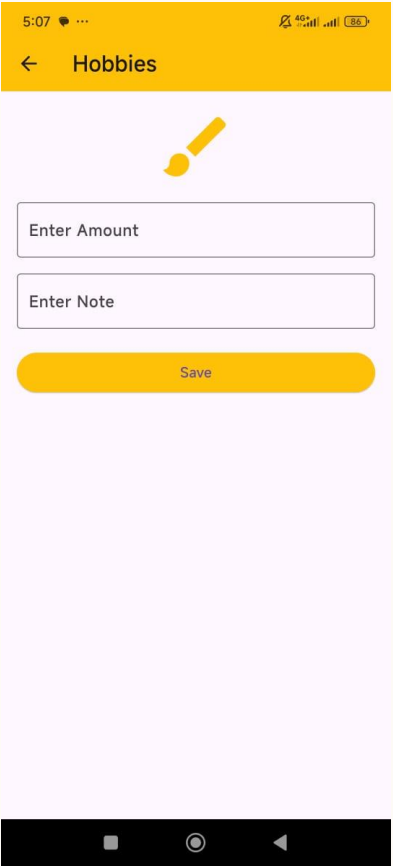
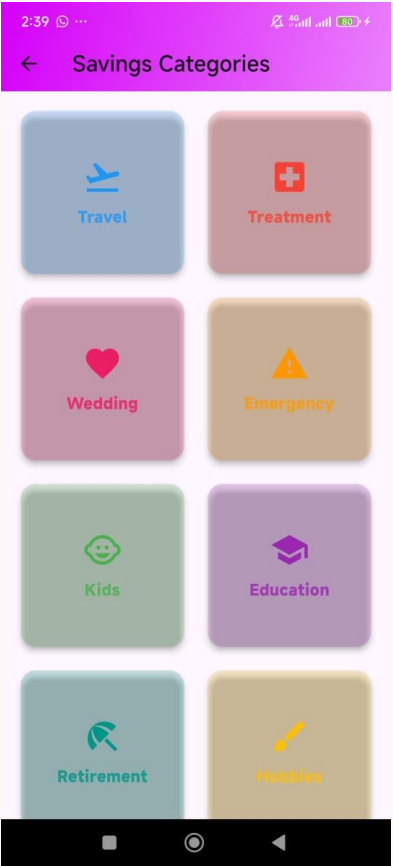
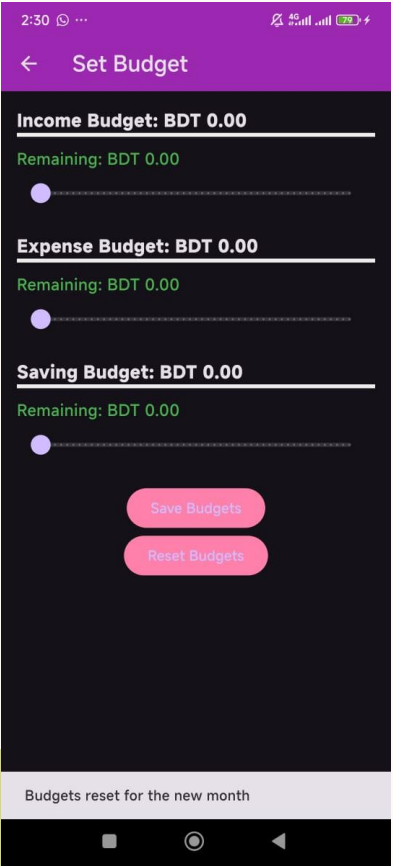
Lays

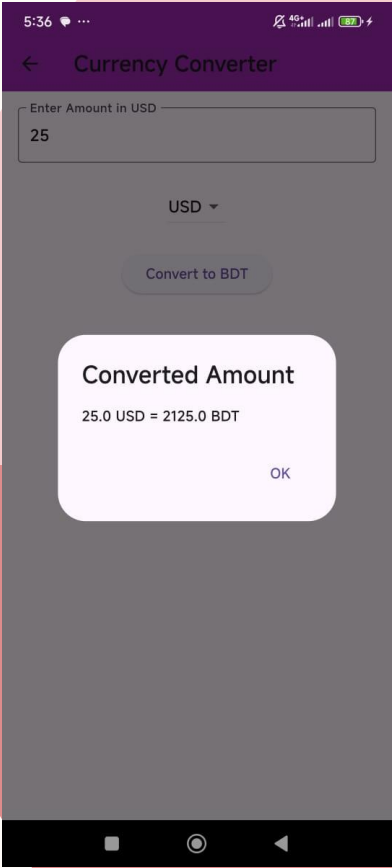
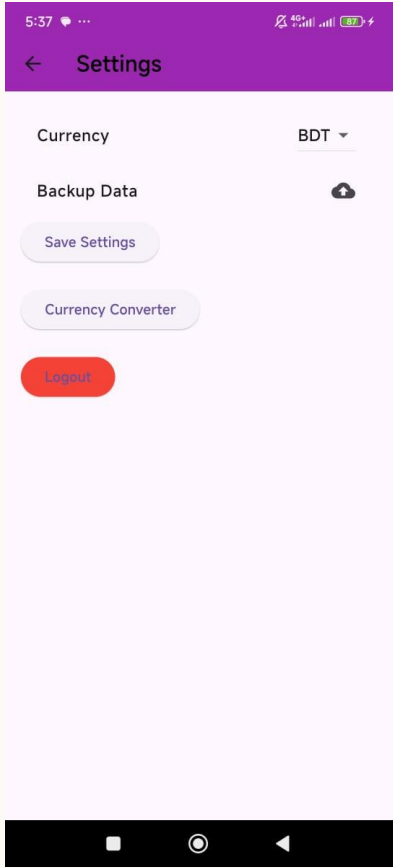
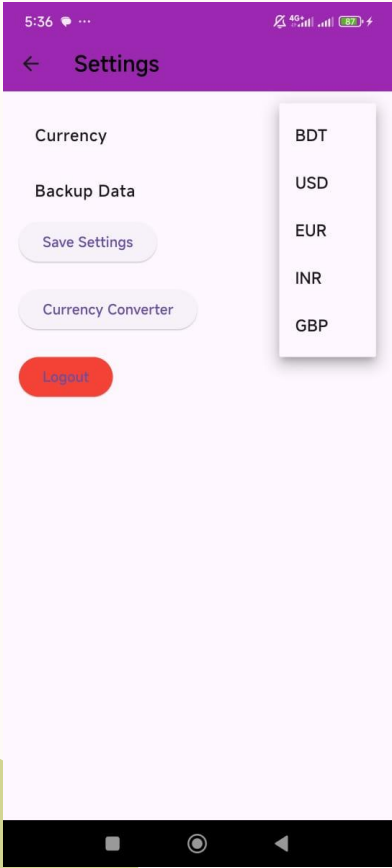
Food

15.00

Total: 415.00









FUTURE WORK

- **Integration with Bank Accounts:** Automatically fetch transaction data for real-time tracking.
- **AI-Based Spending Insights:** Provide personalized recommendations to improve savings and reduce expenses.
- **Voice Command Integration:** Allow users to log transactions using voice input.
- **Push Notifications:** Remind users about upcoming bills or savings targets.
- **Investment Tracking:** Include features for tracking investments and returns.
- **Enhanced Security Features:** Add biometric authentication like fingerprint or face recognition.



THANK YOU