



TrustWallet

টাকা যাবে ট্রাঙ্কে!

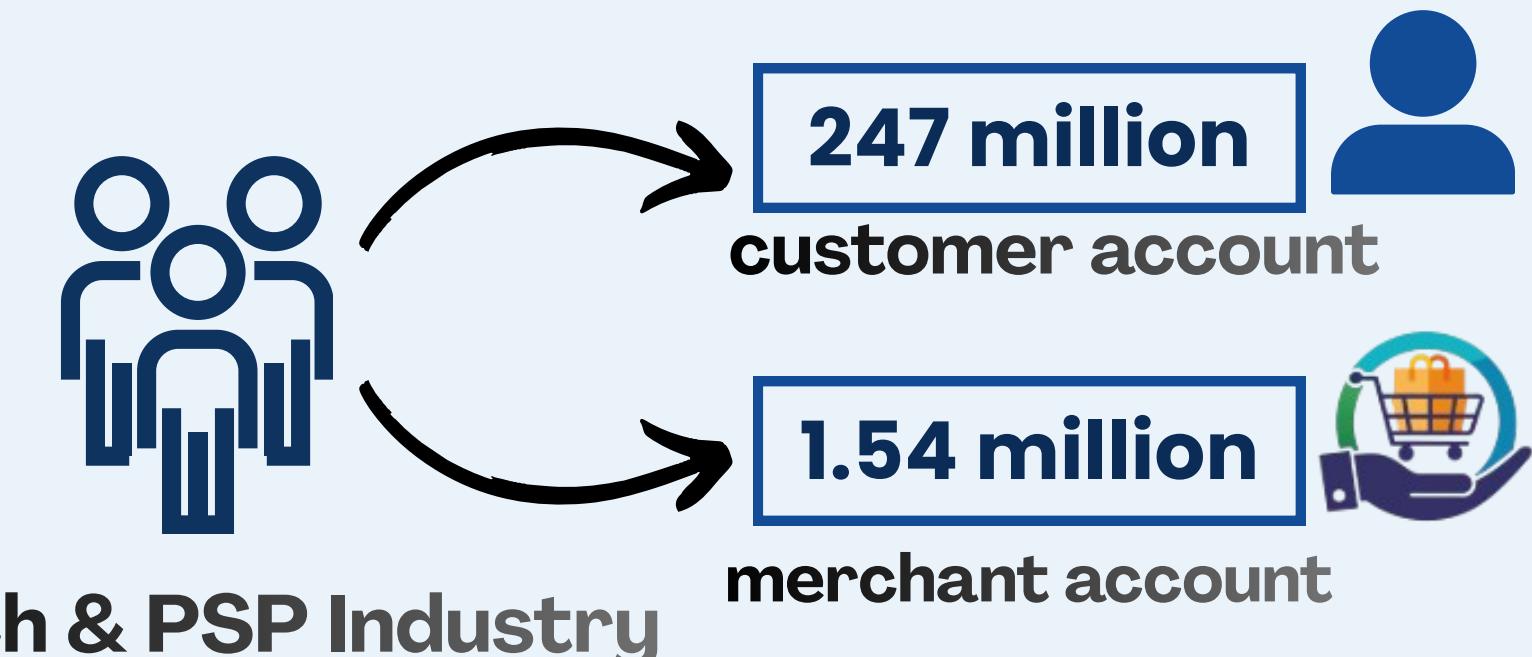
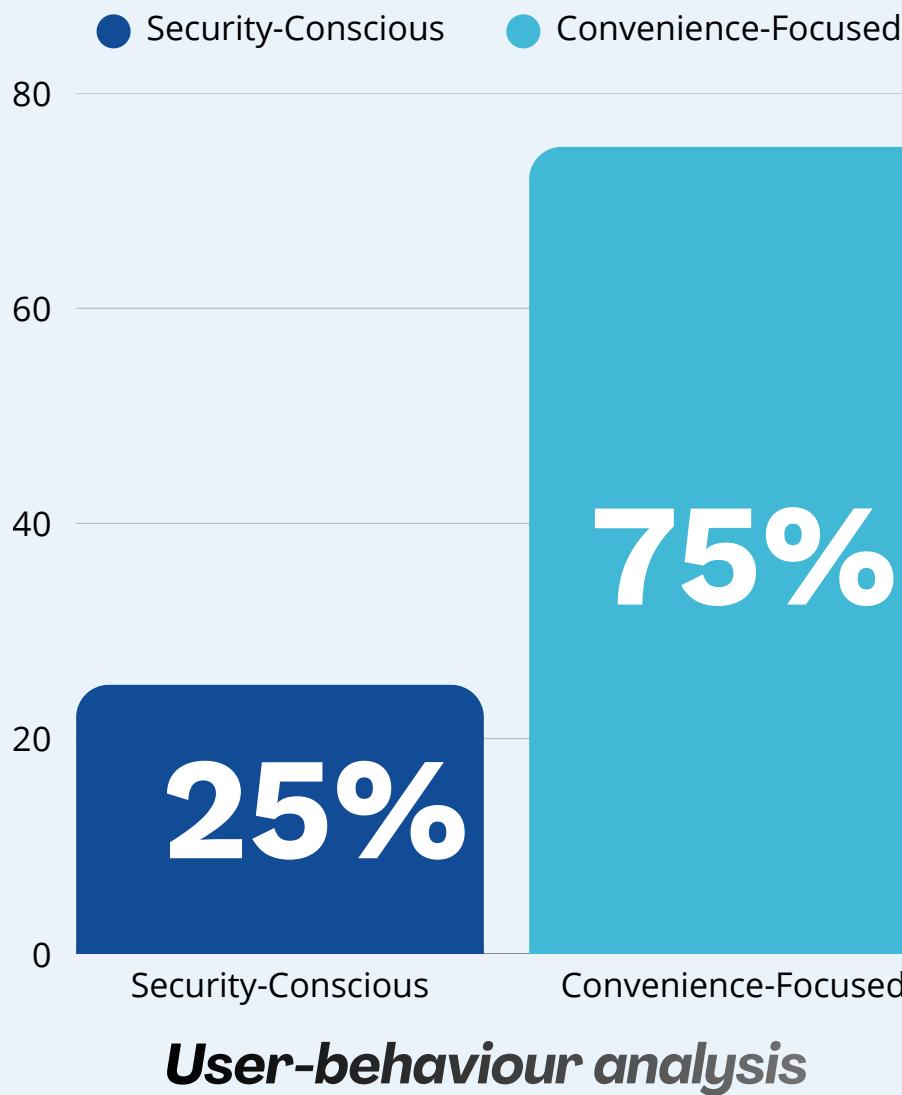
Team : DU_GenMorphix



PROBLEM STATEMENT

About **10%** of MFS users in Bangladesh have fallen victim to fraud, losing an average of **BDT9,200 per user**

(PRI Survey, The Business Standard, The Daily Star).



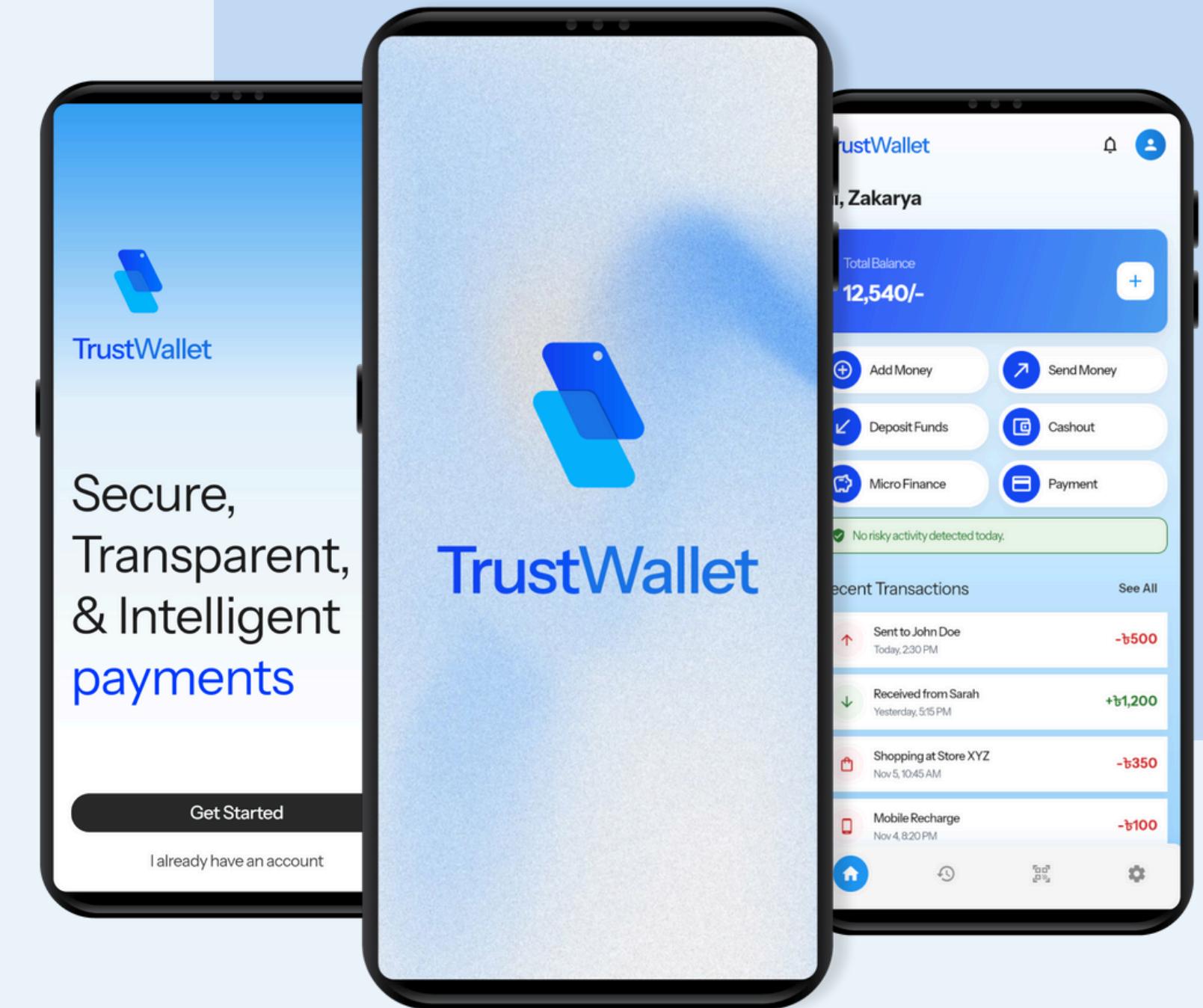
- ## PAIN POINTS
- ### USER
- Users are vulnerable to scams & fraud
 - Service Fees and taxes are unclear

SOLUTION

TrustWallet is an AI-powered digital payment platform designed to make transactions safe, transparent, and user-friendly. It has -

- ★ Real-time AI-fraud detection
- ★ Step-Up Biometric Security
- ★ Intelligent Risk Alerts
- ★ Transparent Transactions

A smart payment partner, **TrustWallet** powers your transactions with **AI-driven security and zero hidden surprises.**



Demo Flow

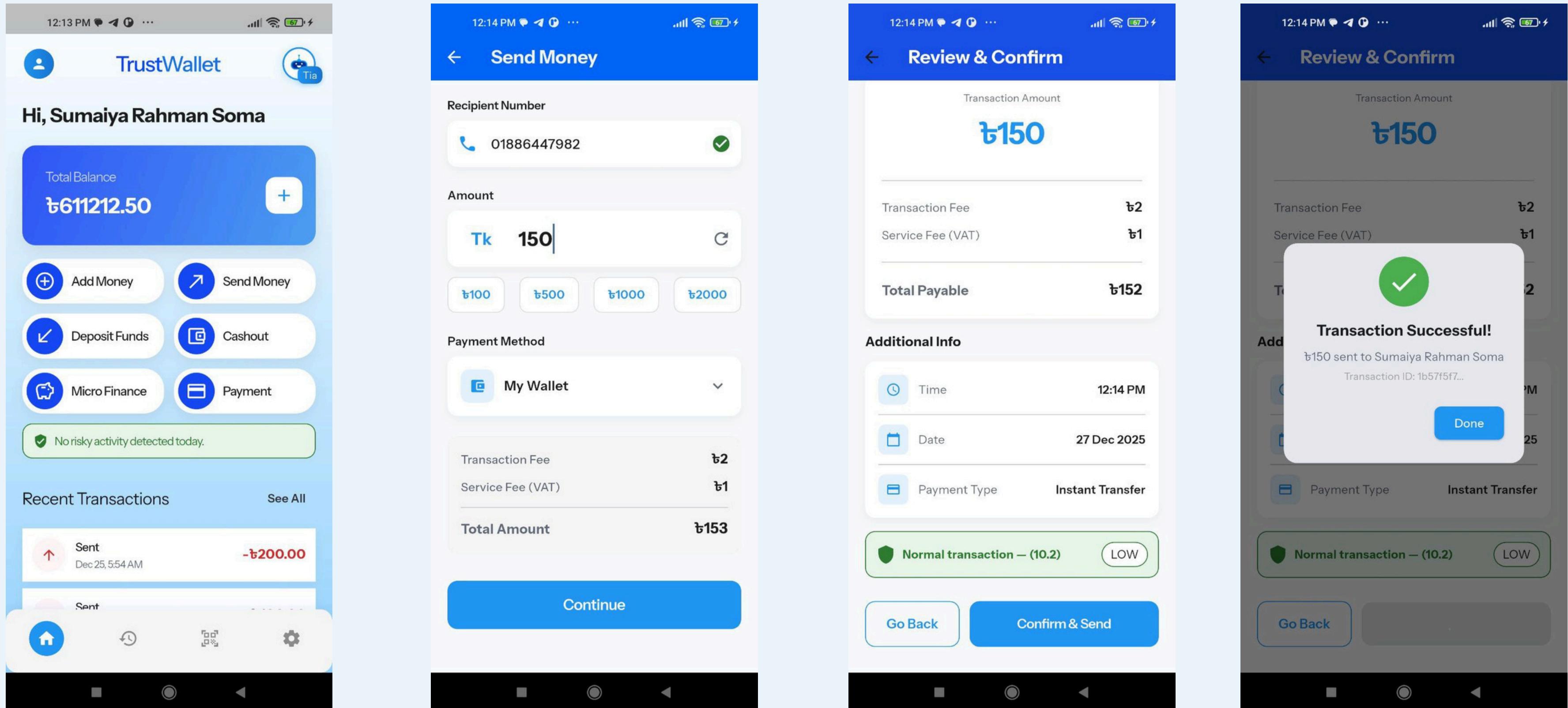


Fig: Normal Transaction Flow

Demo Flow

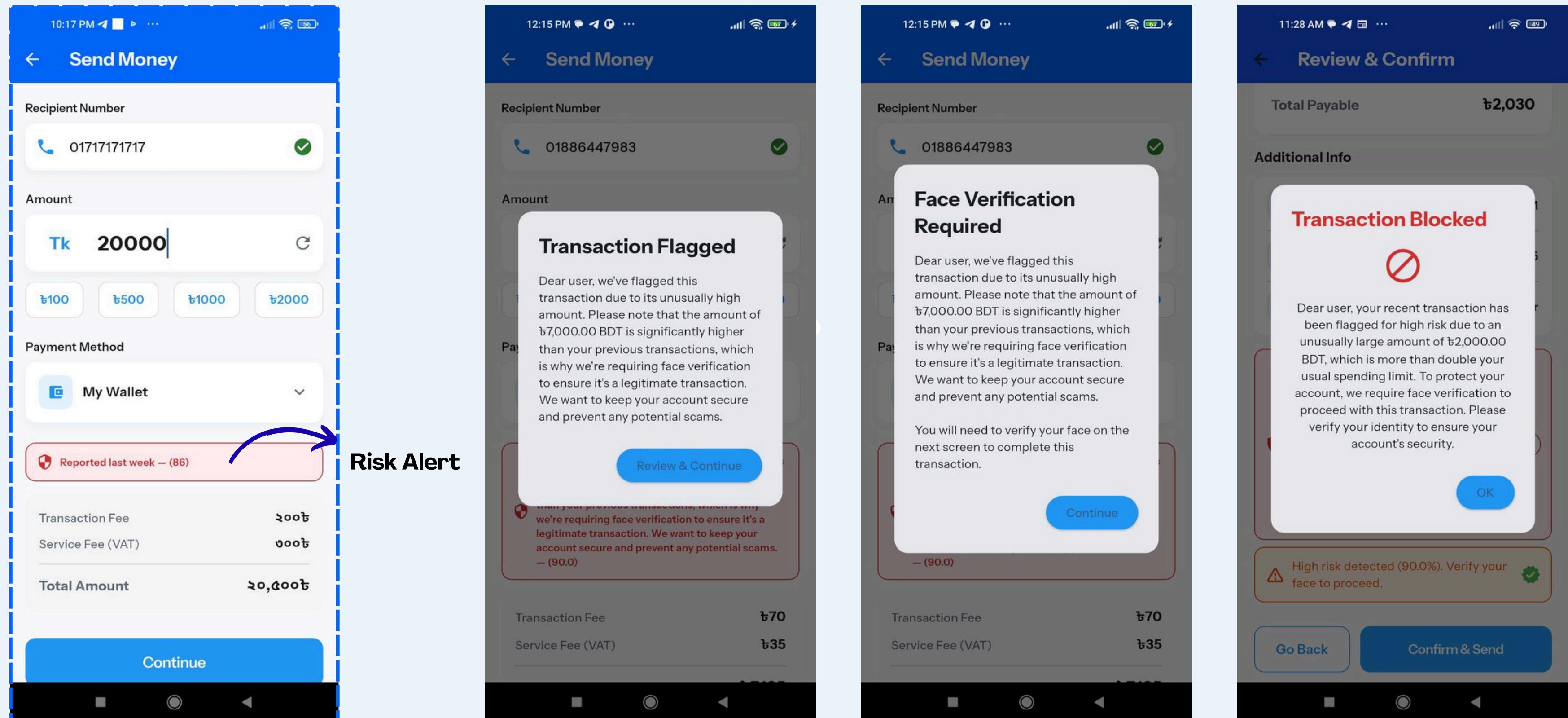
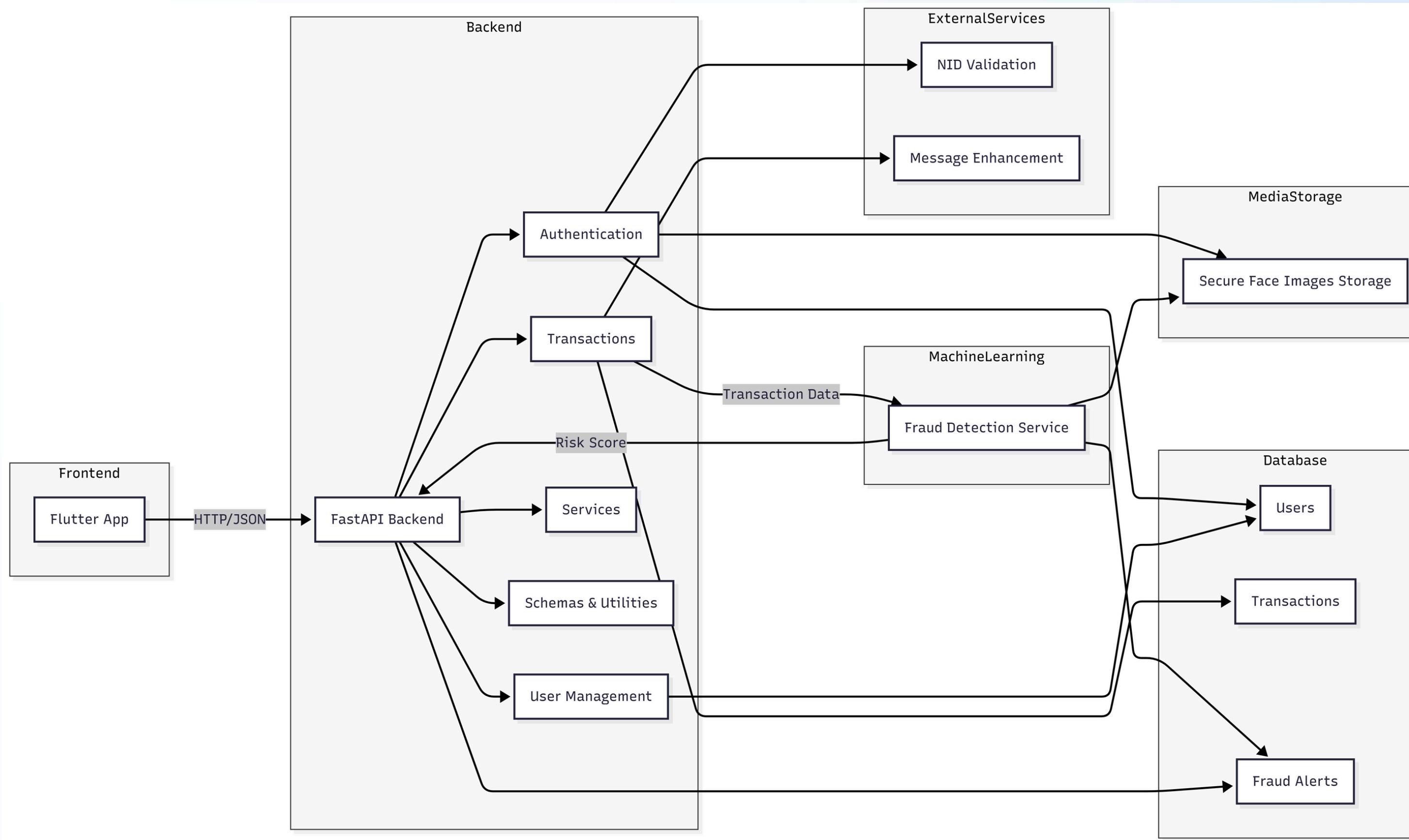


Fig : AI Based Fraud Detection

ARCHITECTURE



IMPACT & SCALABILITY

SCALABILITY

Cloud-based infrastructure

CPU-based servers for backend APIs and fraud detection

GPU instances activated only for biometric (DeepFace) verification

Containerized services for efficient scaling

IMPACT

Reduces financial loss through real-time fraud detection

Builds trust in digital payments

Improves transaction reliability

Enables secure digital payments for underserved and rural populations

MEET OUR TEAM



Sumaiya Rahman Soma

Project Strategist & Content Creator

Skills: Project ideation & planning (Agile/Scrum), stakeholder comms, GTM strategy, competitor research

Github: <https://github.com/srs4929>

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MD. Abu Bakar Siddique

Frontend Developer & UI Designer

Skills: Flutter, Figma

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H. M. Mehedi Hasan

Backend Developer & AI/ML Specialist

Skills: Python, FastAPI, gRPC, PostgreSQL, TensorFlow, NLP

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Chowdhury Shafahid Rahman

Rahman

Database Engineer & AI Model Trainer

Skills: Python, Database, Backend

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Thank You!