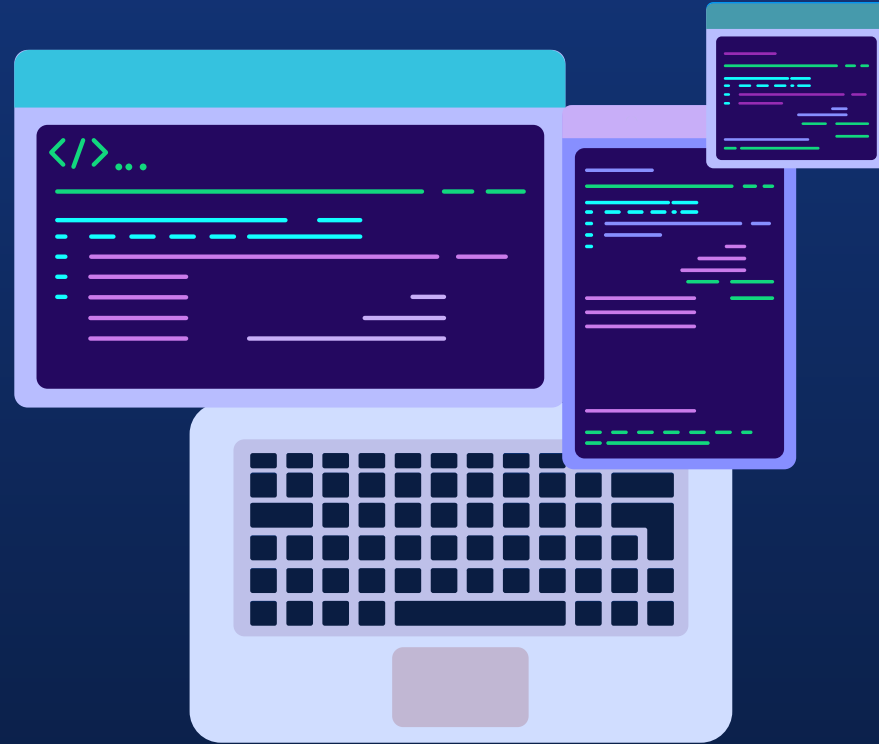


PayPal Digital Identity Application

Group C5G7

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01 THE PROBLEM

Context

When people migrate, their classical credentials like proof of address, credit score, financial statements are rendered irrelevant. Many times, the proof of identities lose their legitimacy as well e.g., national id cards, passports cease to be valid. This creates a barrier for accessing financial services like banking, remittance, credit and insurance in migrant's new home.

Problem Statement

How may we create an identity enrolment and issuance module that migrant populations can avail of and may use it to avail of traditional financial services from traditional providers?



OUR SOLUTION



PORTABLE DIGITAL IDENTITY VERIFICATION

Our users can submit a copy of their identification documents and get a verified digital identity through a mobile first solution



SCALABLE PLATFORM FOR REGULATORS TO VERIFY USERS

Admin side services on our mobile platform for regulators to easily verify users documents and identities



AN ACCESSIBLE SERVICE FOR FINANCIAL INSTITUTIONS

As a Digital Identity Verification platform, we can service our financial institutional clients a KYC service, and enable our users to access financial products which otherwise would be harder to access.



02

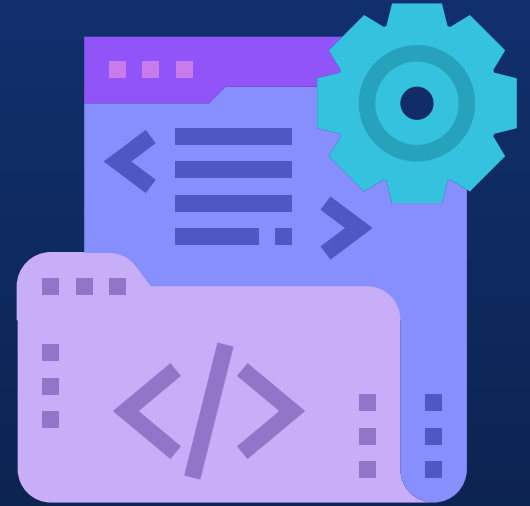
IMPLEMENTATION
DEMO





03

TESTING



TESTING IMPLEMENTATION



FUZZING

We have used a native android library called monkeyrunner to simulate random inputs which might potentially break the code



UI TESTING

We have extensively tested our UI using automated UI testing with the the help of the espresso testing framework

TEST IMPLEMENTATION DEMO





04

FUTURE IMPROVEMENTS





BLOCKCHAIN INTEGRATION

A Secure ledger for storing
our user records, which
cannot be tampered with.

LINKING USER ACCOUNTS


Allow users to link their
dependants accounts to
theirs and maintain family
accounts.

LOGISTICAL DIFFICULTIES

Improving our client
side management for
document verification

ACCESSIBLE APIs FOR FINANCIAL CLIENTS

Creating APIs for our
financial institutional
clients for KYC and
Customer verification





THANK YOU!

Any Questions?

