

Mojaloop Hackathon

# **Agenda**

- Introduction to the DFS Lab
- Why run a hackathon?
- The Process
- The Results
- Conclusions





Introduction

## DFS Lab in <280 Characters

The DFS Lab mission is to work with the best FinTech companies in Africa and South Asia and play a meaningful role in their success.

We invest in early-stage companies and work on ecosystem initiatives that put us at the center of innovation in FinTech.



## Thesis in Action

**Thesis:** Successful FinTech startups digitize informal sectors, have great founders, and add value beyond transactions



Nala is creating a streamlined, interoperable mobile money experience that speaks to the youth of Tanzania.

Analogues: Venmo (US), Alipay (China)

Follow-on: \$2m from Nyca, YCombinator



Pula is reinventing agri-insurance in Africa and South Asia through satellite data and lowering the cost of customer acquisition and risk management.

**Analogues: Syngenta (Africa)** 

Follow-on: \$2MM seed led by Omidyar Network



Hover is bringing USSD-based mobile money experience into the API era.

Analogues: Plaid (US)

Follow-on: \$1.6MM seed including Anthemis Partners



Pezesha is reinventing how credit for unsecuritized consumer loans is determined in Africa by deploying a "credit score as a service platform" that aggregates consumer data while providing financial education.

**Analogues: WeBank (China)** 

Follow-on: 1MM seed raised



TaniHub is creating a platform to access healthy, high-quality produce through digitized agrifinance and supply chain management.

Analogues: Meicai (China)

Follow-on: \$10MM Series A led by OpenSpace Ventures

## **DFS Lab team**



Jake Kendall Director



**Stephen Deng**Investments



**Dan Kleinbaum**Accelerator



**Alina Kaiser** Comms & Web



Jamie Radice PR



**Funder** 



Host



### Some of Our Assets

#### "Local Liaisons"

Highly connected scout network in 10 cities



#### **Mentor Network**

300+ experts and former founders



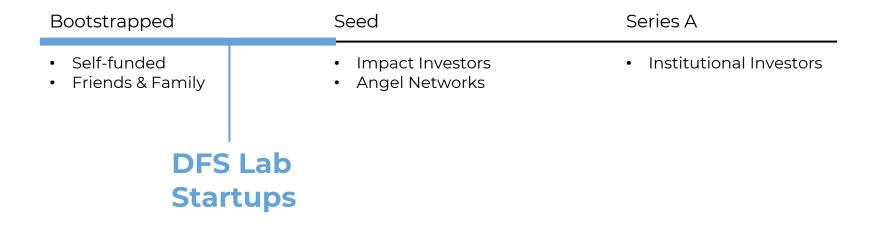
#### **Strong Brand**

Respected by entrepreneurs. Media presence.





# Our Investments are typically launch through seed round





## **Our Ecosystem Initiatives**

**Mojaloop.** Working with the Gates Foundation and Mojaloop to understand the implications of Mojaloop on the FinTech community



mojaloop



Well-tested playbook and tools for doing bootcamps. We run bootcamps to help others gather early-stage product feedback



Examples: Go-Jek post, NLP Paper, Early Expansion post.



# **Business Finance for the Poor in Bangladesh**

Indonesia's Go-Jek is bringing fintech to the last mile and most aren't paying attention

**(**) ......

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Why are African startups launching in multiple countries before they even hit seed stage funding?

We think they play by a different set of rules when it comes to finding "product market fit".

jole Kendali Golica Jan 3 - Emir read

Most investors in the US or Europe would think it was crazy if their pre-seed or even need stage company was planning an international launch. The advice would likely be: step focused, prove product native fit first then think about international examplion at your Needs is worth.

For financial companies with the extra burden of regulation and licensing in new jurisdictions it is even more damning to consider international expansion than it would be for, say, e commerce or other digital sectors.

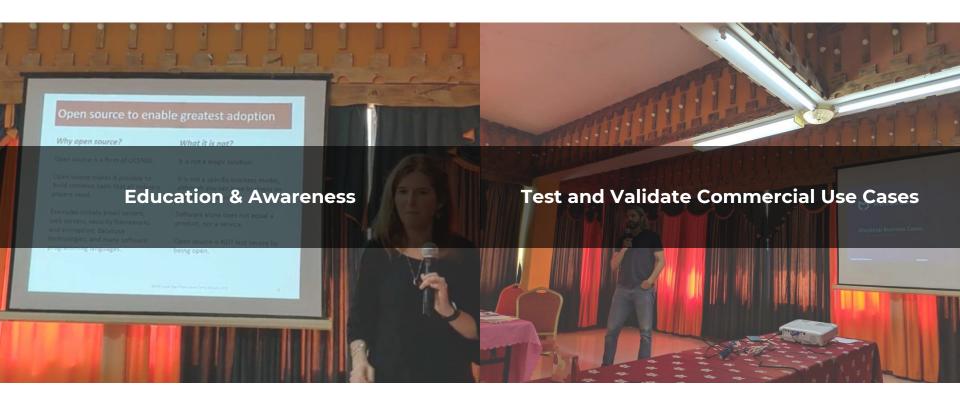
But this is easedly what we are seeing in the Affician markets. Many startups are learning in multiple countries and even reassing over occasing but one to multiple outsiness before their feeting Seed or Series A rounds. What is driving this mend? We at DES Lab think in because product market for bas a different definition in the context of the many small committee this comprise. After so the definition in large context.





Why run a hackathon?

# Why run a hackathon?





## How did we run the hackathon

- Recruitment
- Develop Sandbox Test Environment Mifos/DPC
- Communications
- Participant Selection
- 4-day Hackathon & Design Sprint

# **Participants**





















## **Mentor Representatives**









## The Format (Days 1 & 2)

#### **Introduction to Mojaloop**

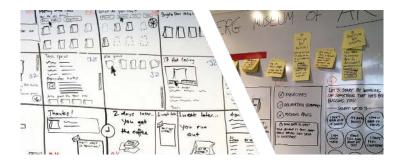
Technical Intro

#### **Design Sprint**

• Bring participants "to the users"

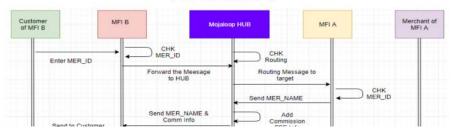
#### **Outputs:**

- Storyboard (UI/UX)
- Process Maps





#### **Process Flow**



# The Format (Days 3&4)

**Build** 



... and then demo!



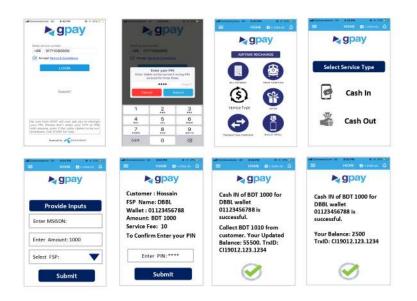


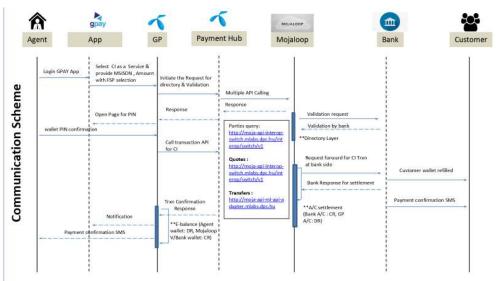
The Results (Demos)



**Core Goal:** Connect the gap between 50mn bank accounts, 67m MFS wallets and 1m agents all in disparate systems. Currently, 6 large banks are on board, but the 53 remaining banks present a large logistical and technical hurdle to on-board.

**Mojaloop Goal:** Demonstrate how an interoperable agent network would enable agents to perform agent banking transactions



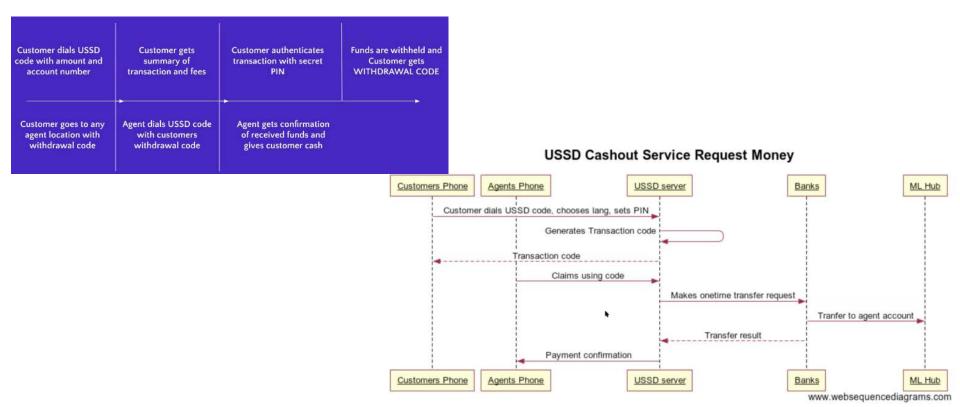






**Core Goal:** To provide DFS to the under-banked by expanding beyond digital loans.

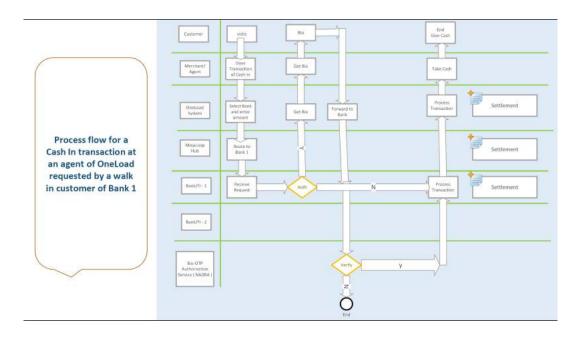
**Mojaloop Goal:** Demonstrate how a customer can redeem a voucher from any agent on their network through a Mojaloop deployment





**Core Goal:** Be able to easily integrate banks to access their 30,000+ agents for CICO

**Mojaloop Goal:** Demonstrate a workflow where an individual from any bank can redeem a voucher and the banks

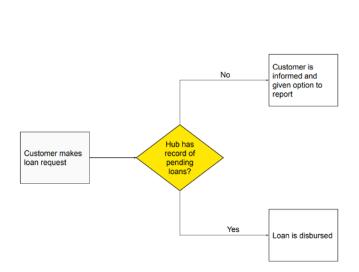


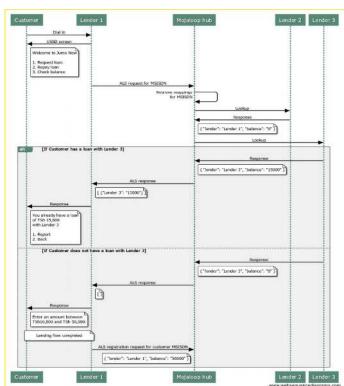




**Core Goal:** Give millions of people access to high-value savings and lending products

**Mojaloop Goal:** Establish a lender-based Mojaloop hub with specific scheme rules to provide deeper insight into customer's financial standing



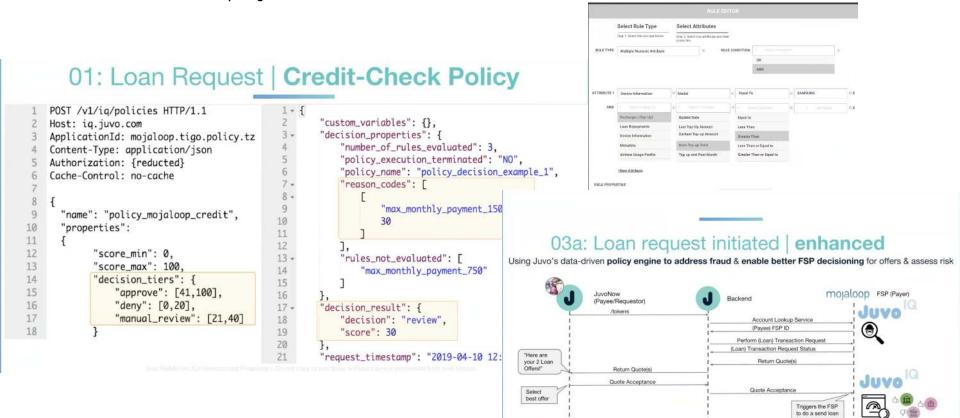




Core Goal: Offer equitable finance services to mobile-only customers

Mojaloop Goal: Build out a credit marketplace on top of a Mojaloop

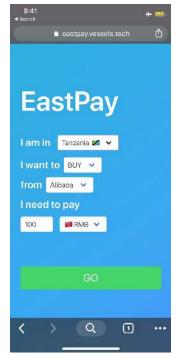
deployment

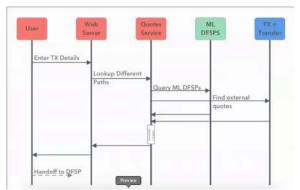


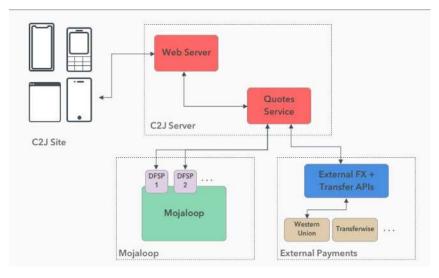


**Core Goal:** Enable users to get money from point A to point B as efficiently as possible

**Mojaloop Goal:** Demo how an SME would use multiple quotes to route a payment to Alibaba in China. Lay groundwork for an 'account-lookup' API and define the best solution for querying a quotes API





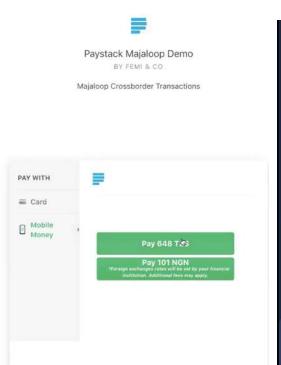


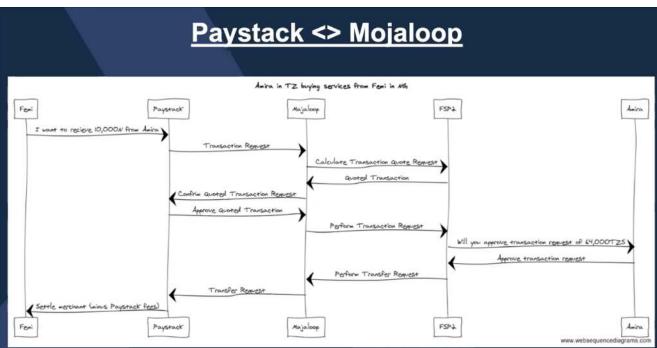




Core Goal: Enable merchants to accept payments anywhere

**Mojaloop Goal:** Demonstrate how an merchant-initiated push payment can be routed through Mojaloop when it's cross-border.

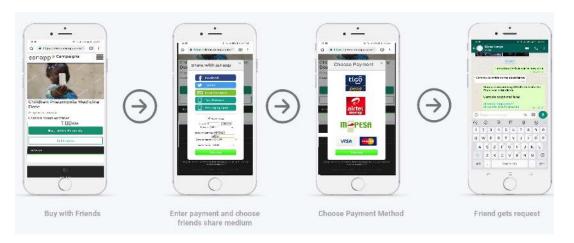






Core Goal: Enable merchants to buy and sell things online

**Mojaloop Goal:** Merge multiple payments from payees on multiple DFSPs to a single merchant request.



How does L1P reconcile with a use case where multiple payees respond to a merchant-initiated push?

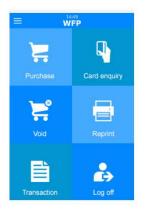
Potential for real-time analysis of merchant-payee pairings to offer coupons, etc...





**Core Goal:** Enable enterprises to verify digital transactions

**Mojaloop Goal:** Demo how WFP to provide real-time settlements and payments for voucher programs in 42 countries









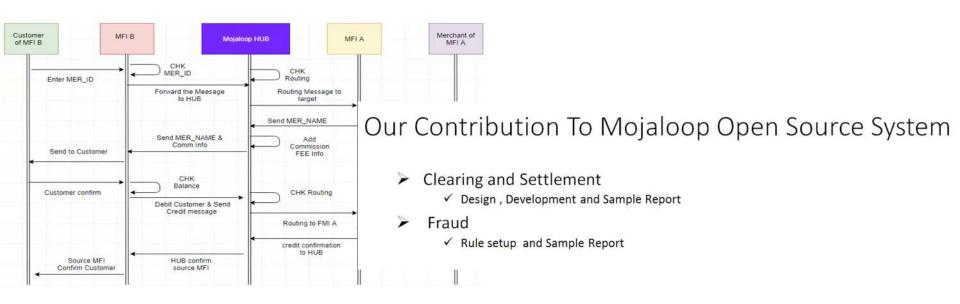






**Core Goal:** Expand the use cases for EthSwitch beyond the initial ATM switching platform that has already been build

**Mojaloop Goal:** Build out a use case which provides a universal merchant-acceptance platform

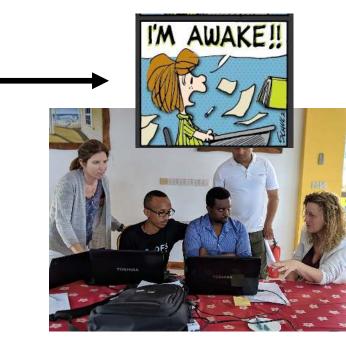




## **Conclusions**



- Format Works: Zero → "Speaking Mojaloop"
- Commercial Use Cases are necessary
- The Use Cases → Adoption





# Thanks! dan@cariboudigital.net

