



G2P POC Demonstration

A MOSIP-based personal payment token
alias

A demonstration of how Mojaloop, MOSIP, Mifos and other digital public goods projects can work together to offer a valuable solution to support the G2P/social payment or beneficiary payment use case.

Digital public goods - in place

Open source implementation of a nation-scale personal digital identity system; G2P beneficiary has a MOSIP digital identity



- personal validation & login
- KYC information to confirm accounts

Open source interoperable payment switch connecting diverse financial institutions and their customers



- payments can be routed to an account identified by the beneficiary's MOSIP digital identity

Open source banking system for small financial institutions; G2P beneficiary has an account here

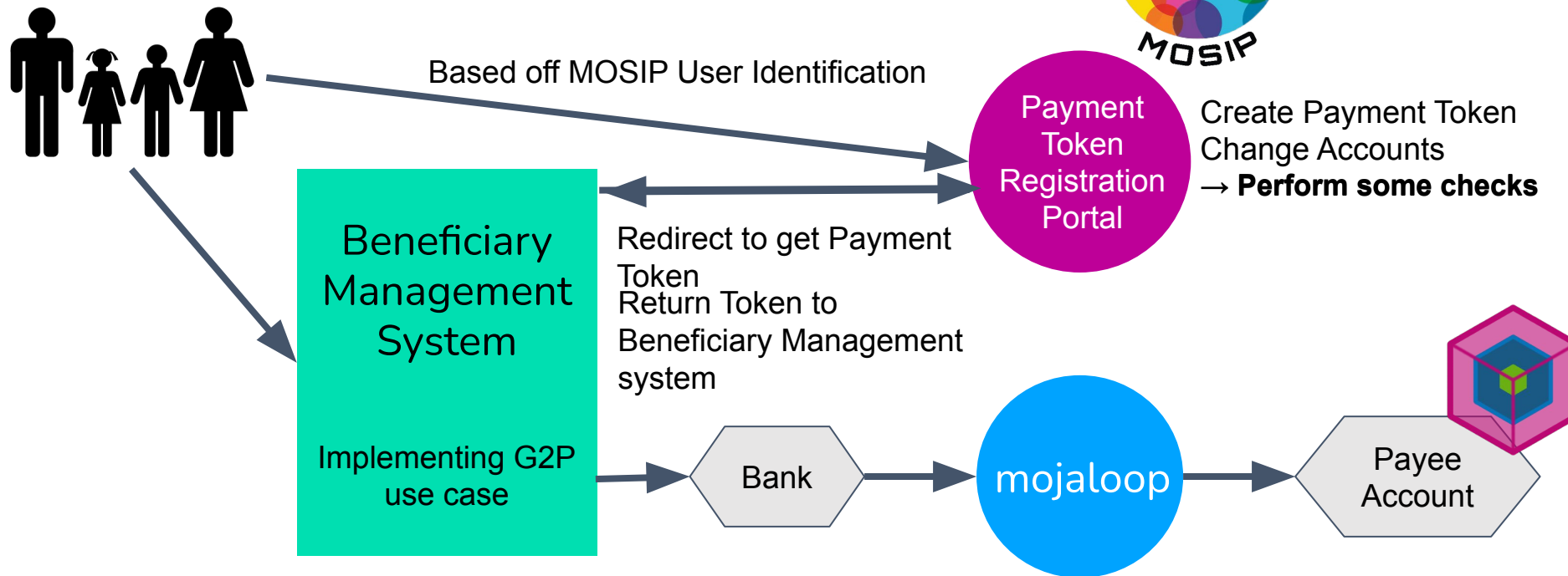


- show how customer account is integrated

Community Effort



How is the Token Registration Portal used?



Payment Token used by beneficiary management system to address beneficiary payment

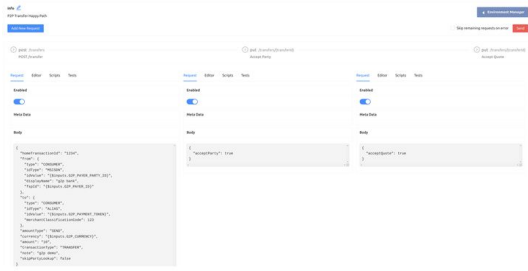
Portal Registration Demonstration



Making Beneficiary Payment Walk through



Beneficiary
Management
System



G2P

Bank

mojaloop

Payee
Account

Token
Registration
Portal

Digital Savings Account KES(#0000000057)					
Current Balance: KSh 9,510					
Available Balance: KSh 9,510					
Total withdrawals		KSh 500			
Interest earned		KSh 2.6			
Earned interest not posted		KSh 2.6			
Nominal interest rate		5%			
Interest compounding period		Daily			
Interest posting period		Monthly			
Interest calculated using		Daily Balance			
A Days in Year		365 Days			
Last Active Transaction Date		07 June 2024			
Interest Recalculation Date		07 June 2024			
Activation Date		06 June 2024			
Field Officer		Unassigned			
External ID		Not Provided			
Currency		Kenyan Shilling(KES)			
Nominal interest rate		5%			
Total Deposits		KSh 10,010			
Interest earned		KSh 2.6			
ID	Transaction Date	Transaction Type	Debit	Credit	Balance
844	07 June 2024	Deposit		10	9,510
749	06 June 2024	Withdrawal	500		9,500

MIFOS Payment Receipt Demonstration



References



[Epic #3683: Design and Implement G2P Connect Initiatives](#)

[Digital Public Goods - G2P design repository](#)

[Payment Token Adapter repository](#)

[MIFOS Core-connector repository](#)

[Beneficiary Registration Portal Backend](#)

[Beneficiary Registration Portal Frontend](#)

Thank you to everyone who contributed

