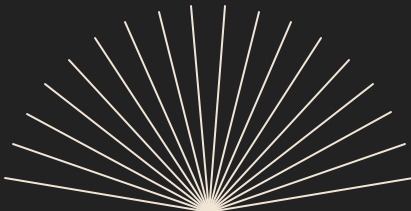




# MS3

## Proof-Of Concept Presentation

+ Project Expansion Proposal

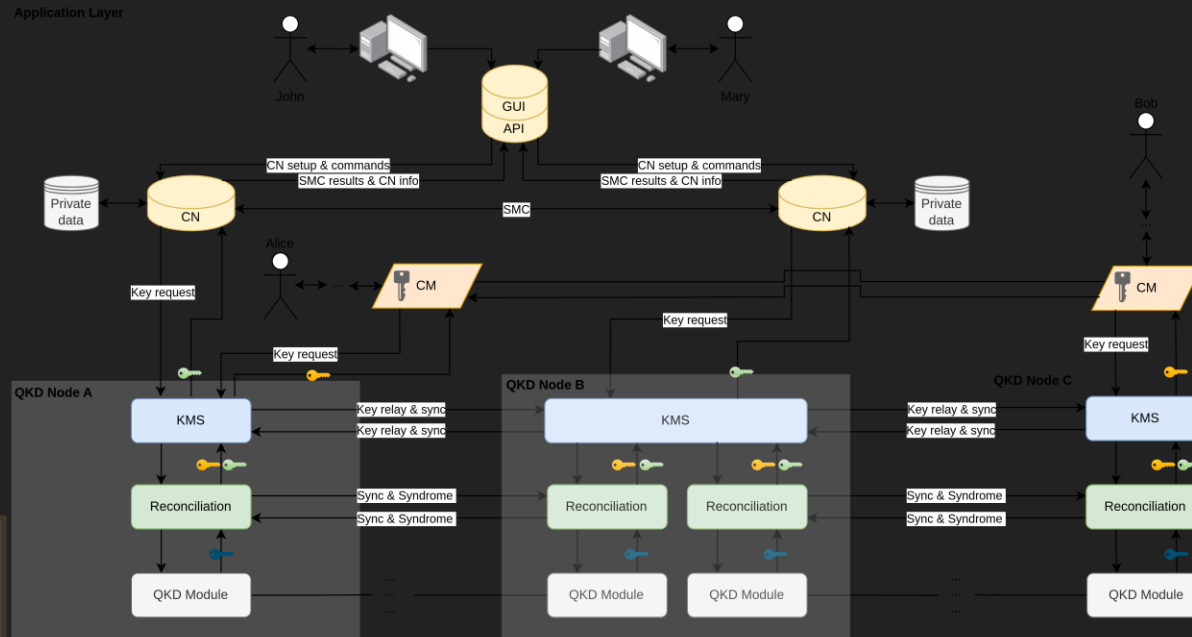


# Context

- Quantum key distribution

- Reconciliation layer

- Adjacent layer comms



# Current Status

## Message Handler ●

Communication  
between reconciliation  
parts **implemented** and  
**tested**

## Emulator ●

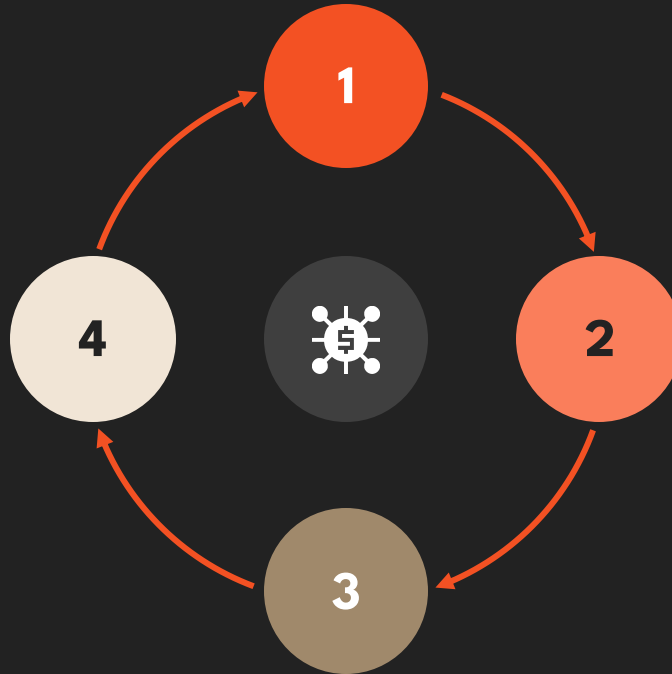
Binary random  
generation  
**implemented** and  
**tested**

## ● Reconciliation Algorithms

**Implemented** and  
**tested**.

## ● Stack Testing

**Tested** referred  
components working  
together

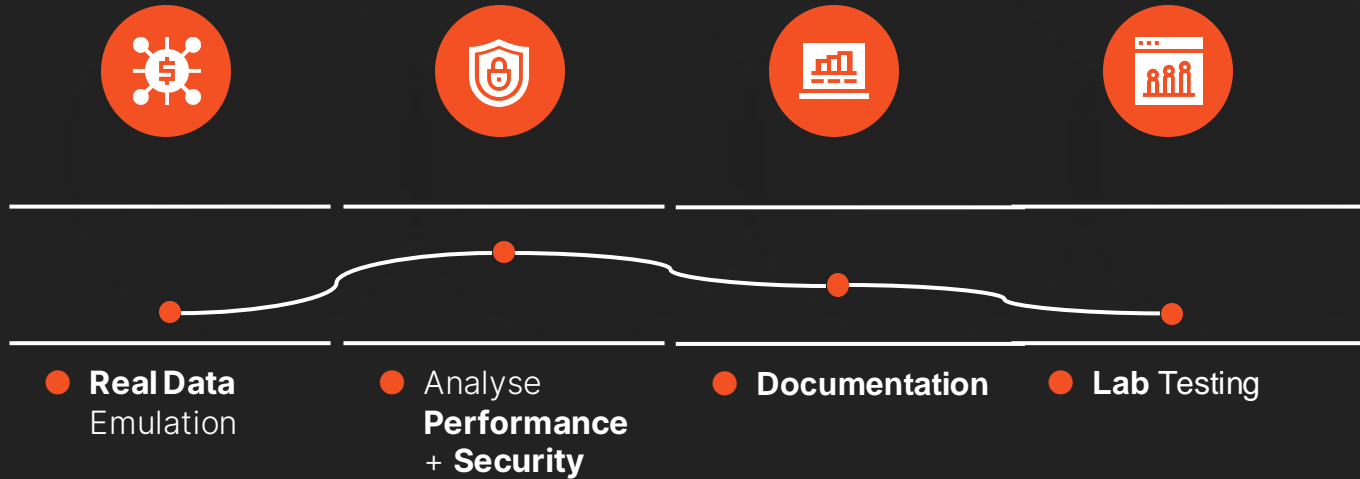




# Demonstration



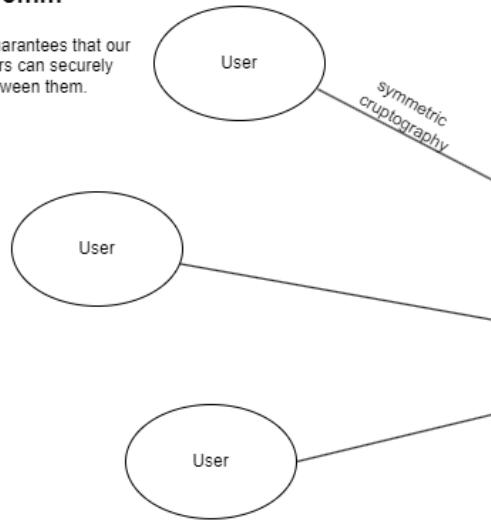
# What's Next?



# Project Expansion Proposal

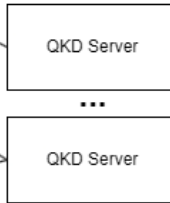
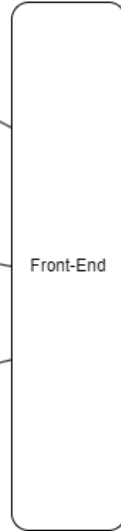
## Secure Comm

Our system guarantees that our registered users can securely share data between them.

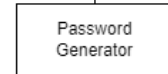
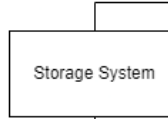
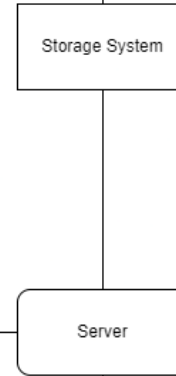


## Internal System Communication

All communication between system components makes use of quantum cryptography.



Quantum Channel Network connecting QKD-Servers and the rest of the system



## Password Generation

Using QKD as source of randomness, our system provides a ASCII password generator service.



# Thanks !

Do you have any questions?

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