https://cardano.wims.io

**Report September 2025**

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**Role:**　　Developer, Facilitator

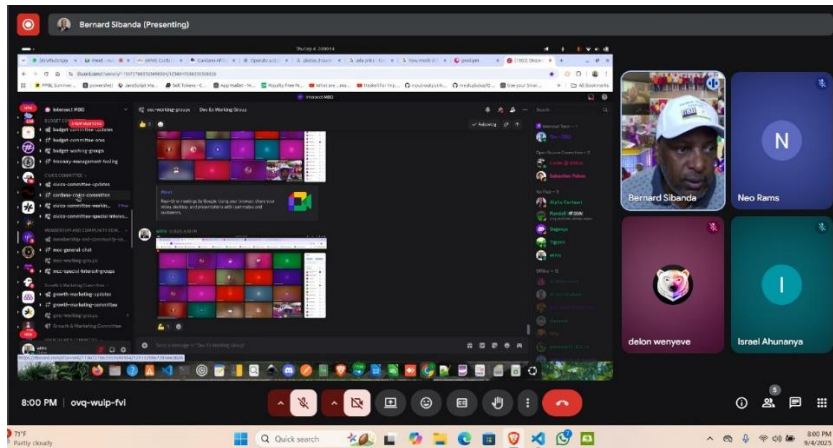**Date:**　　30 September 2025

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# 1 Overview

In September 2025 the Haskell Plutus program did not have much of an improvement. Attendance for the Coxygen program was low throughout September. Majority of the students are dropping out in group G011

My focus was on Haskell Plutus, the EBU program and Stake pool documentation with Neo.
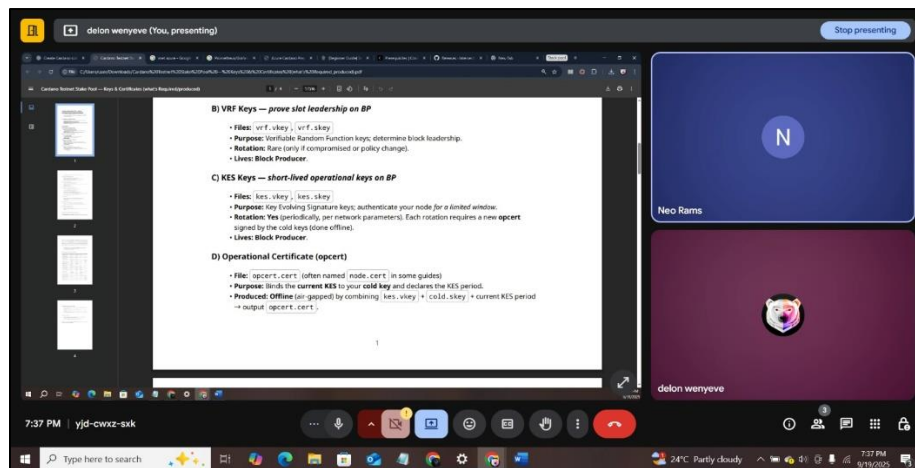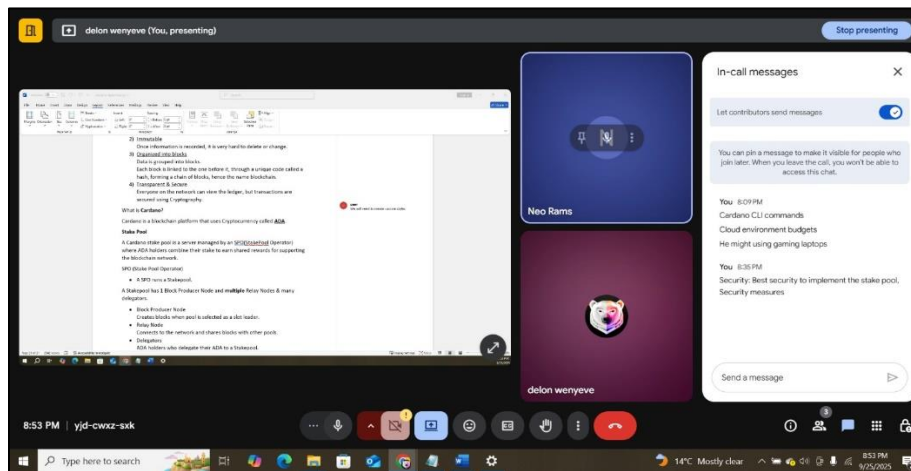
# 2 Stake pool

## 2.1 Meetings on Stake pool

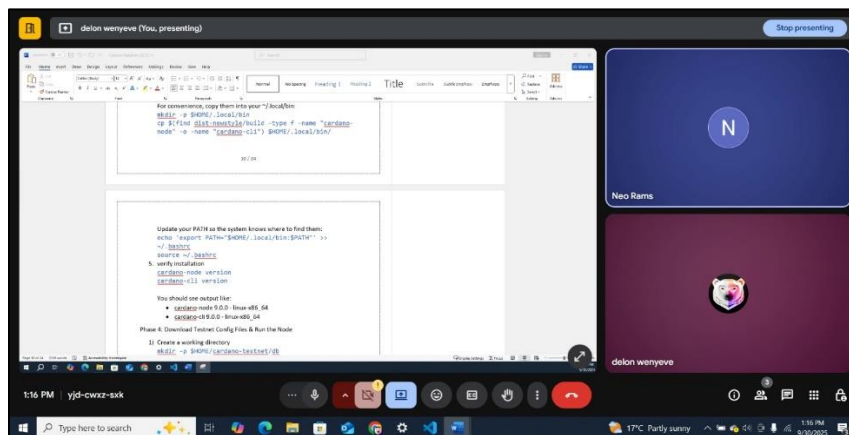### 2.1.1 Date: 09 September 2025



### 2.1.2 Date: 19 September 2025

### 2.1.3 Date: 25 September 2025



### 2.1.4 Date: 30 September 2025



In September, Neo and I formally kicked off the Cardano stake pool initiative and focused the month entirely on producing the foundational documentation. We captured the project scope and roles (SPO, block producer, relays, delegators), defined prerequisites and system requirements, documented secure key management (cold/VRF/KES, operational certificate/counter) and the air-gapped workflow, and wrote step-by-step procedures for Azure VM setup, building cardano-node, downloading testnet configs, wallet/stake key generation, pool registration, topology/networking for BP/relays, and basic monitoring. No infrastructure was yet provisioned and no on-chain transactions were executed; the tangible deliverable for September is the "Cardano Stake pool Guide V1.2," which will serve as the baseline for implementation in the next phase.

# 3 Coding Aspect

In the month of August, I have been working on Haskell Plutus chapters as well as preparing for the EBU during the daily Coxygen sessions meetings.

# 4 Challenges

- **Low Student Attendance**:  There was a consistent low attendance throughout August.
- **Coding aspect**: There was no much progress for coding, besides the chapters and the different group coding Haskell.

# 5 October plan

For October I am planning to continue with the stack pool with Neo. That's the primary focus in October. Continue with the Haskell programming.