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Coxygen Global Haskell Plutus Facilitator

Report for 1 – 25 July 2025

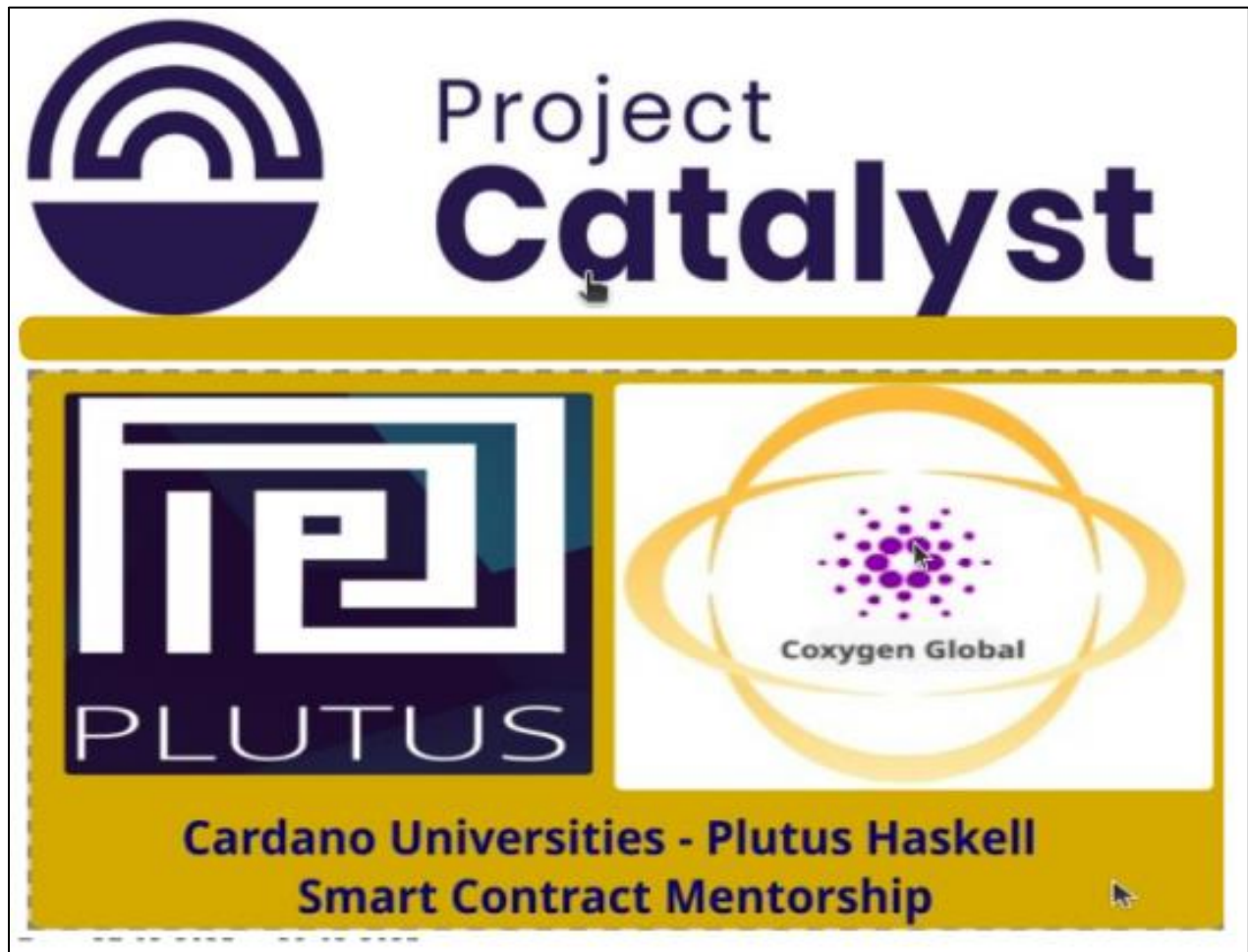


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Overview

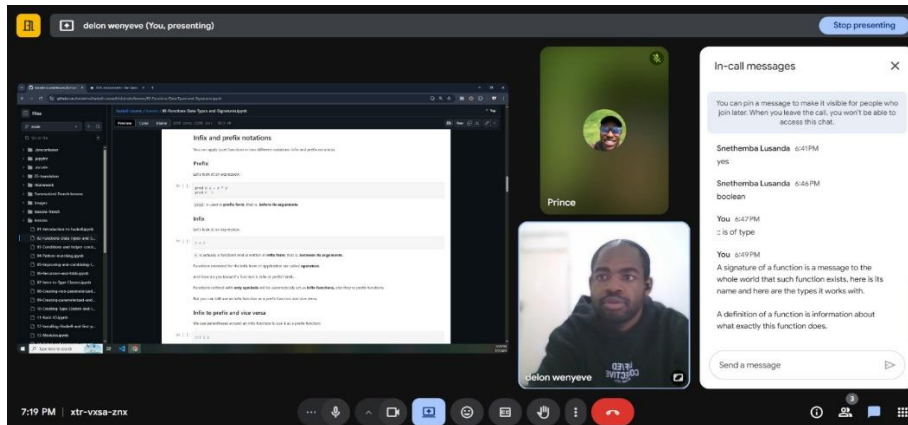
In July 2025 the Haskell Plutus program did not have much of an improvement. Attendance was low throughout July, only one student was joining the online meetings on a consistent basis who has made progress and now understands how the program works. The rest of the students did not attend meetings due to the recess/holiday they had between June and July.

The coding aspect which accounts to the 75%. My focus was still Loss Reduction System Android Mobile Application and Haskell Plutus. I have successfully made progress with the Haskell Plutus chapters. I have reached Chapter 11.

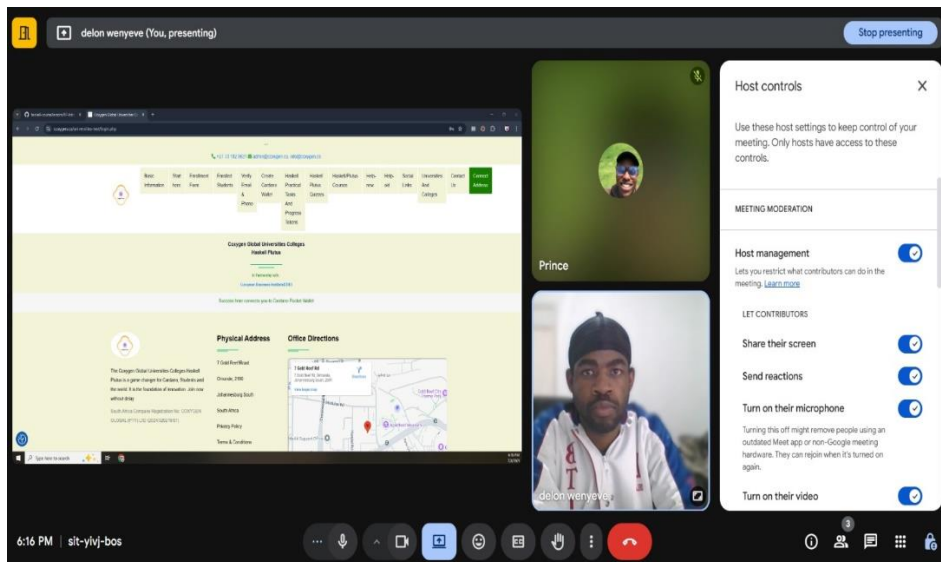
Haskell Program daily sessions.

Group G011 register

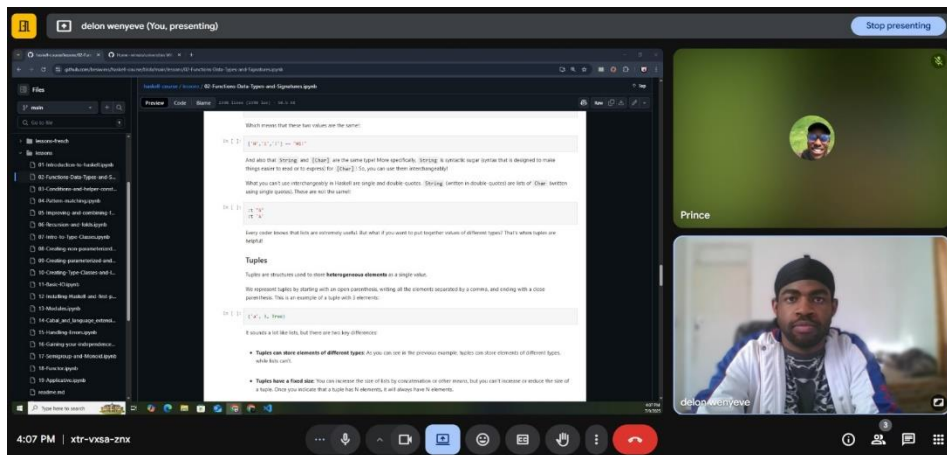
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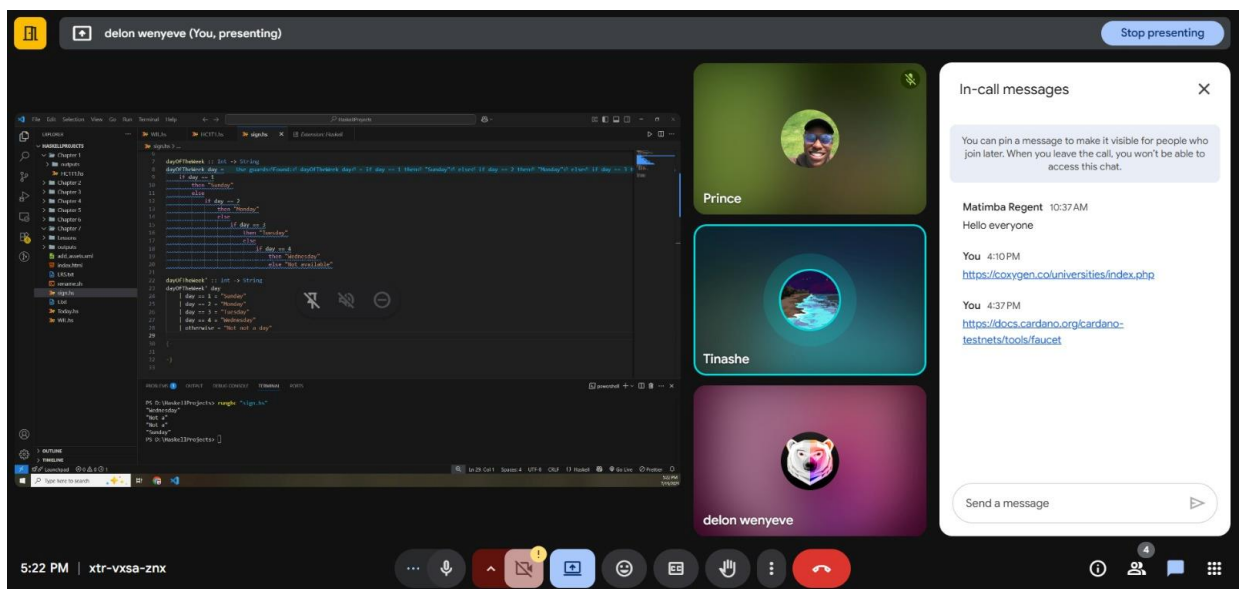
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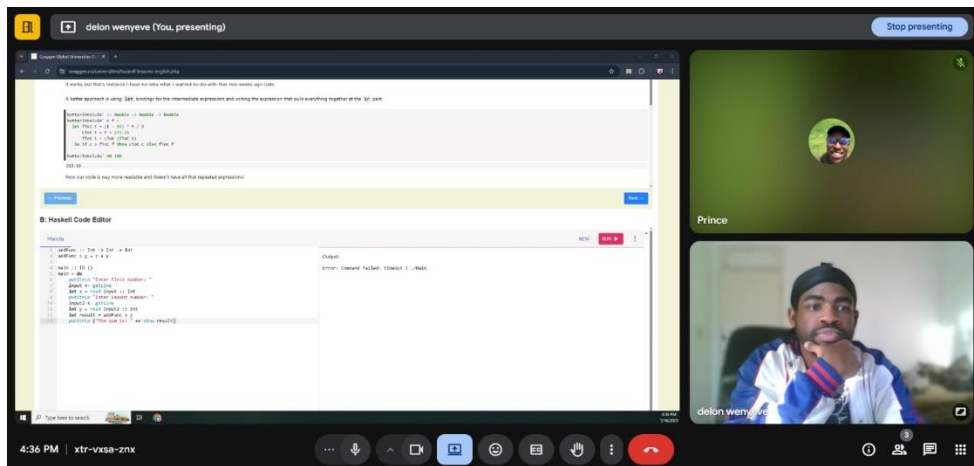
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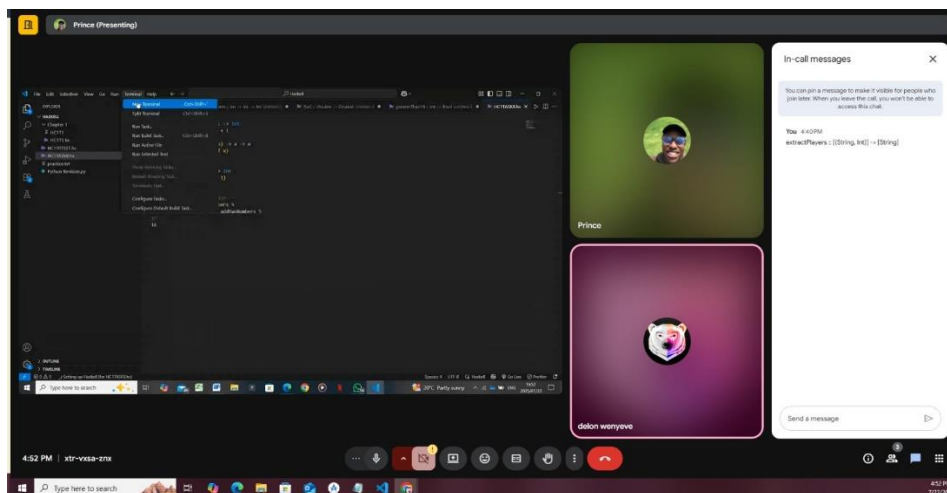
Date 15 July 2025 at 16:00



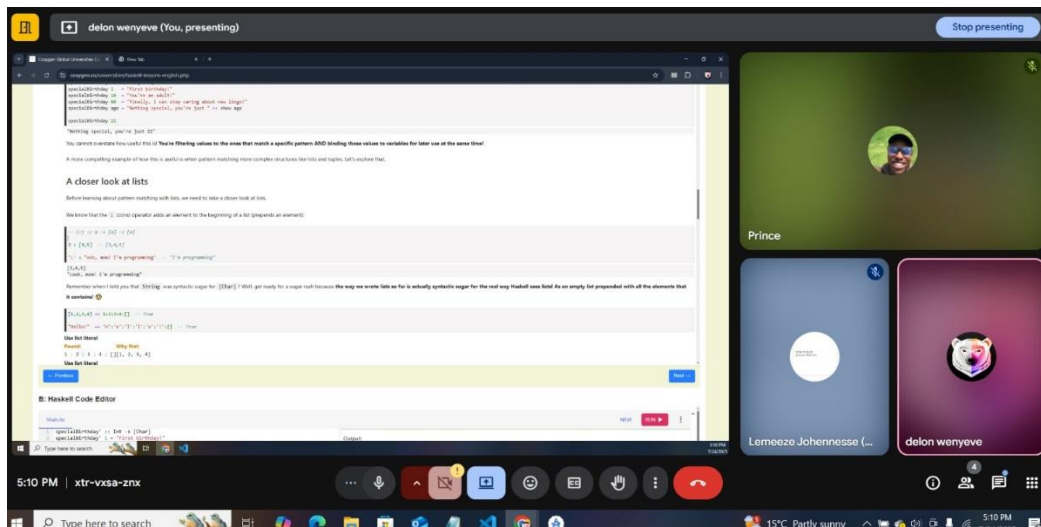
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Date 22 July 2025 at 16:00



Date 24 July 2025 at 16:00



The attendance was lower throughout July. Only a few students were attending the online sessions. Only one student is progressing with the program and was able to complete 3 chapters.

Coding Aspect

In the month of July, I have been working on the Loss reduction system, Haskell Plutus chapters and created Marathons for the Haskell Plutus program. The Loss reduction system production was slower than the last month.

1. Key achievements

Key achievements include:

- Continuous update of the PHP-based backend REST API
- Integrating the Android mobile client with the new backend
- Marathons Created
- Completed up to 10 Haskell chapters

2. Completed Work

Backend & Database

API Endpoints

get_statuses.php – returns the statuses for add asset.

get_categories – returns different types of category labels.

upload_utils - Handle an uploaded image file.

add_assets = adds assets for clients.

Repository links

Loss reduction Android App: <https://github.com/delon500/Loss-Reduction-Android>

Lose reduction Backend: <https://github.com/delon500/Loss-Reduction-Backend>

Haskell repo: <https://github.com/delon500/Haskell-Plutus-Code.git>

Marathon repo: <https://github.com/delon500/Haskell-Plutus-Marathon>

Challenges

Low Student Attendance: There was a consistent low attendance throughout July.

Coding aspect: There was no much progress for coding.

Coding Project: Certain key features are still not implemented such as Report generation, expense upload, analytics and metrics generation and the expense management features.

August plan

Group G011, I am planning to carry on conducting lessons at least 3/4 times a week lessons per week. In August I am planning to complete the Haskell Plutus chapters and create Haskell marathon mini applications.