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Report for 1 – 31 May 2025

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Overview

In May 2025 the Haskell Plutus program experienced a good turn out from students although majority of the students from Richfield college were occupied with their CA tests and assignments. But in general student attendance significantly increased thereby enhancing their participation during the period.

Regarding the coding component, which accounts for 75% of our required workload, my focus has primarily been on the .E commerce website. I have successfully implemented several features which includes wallet connection, products page, adding to cart, making payments at checkout...

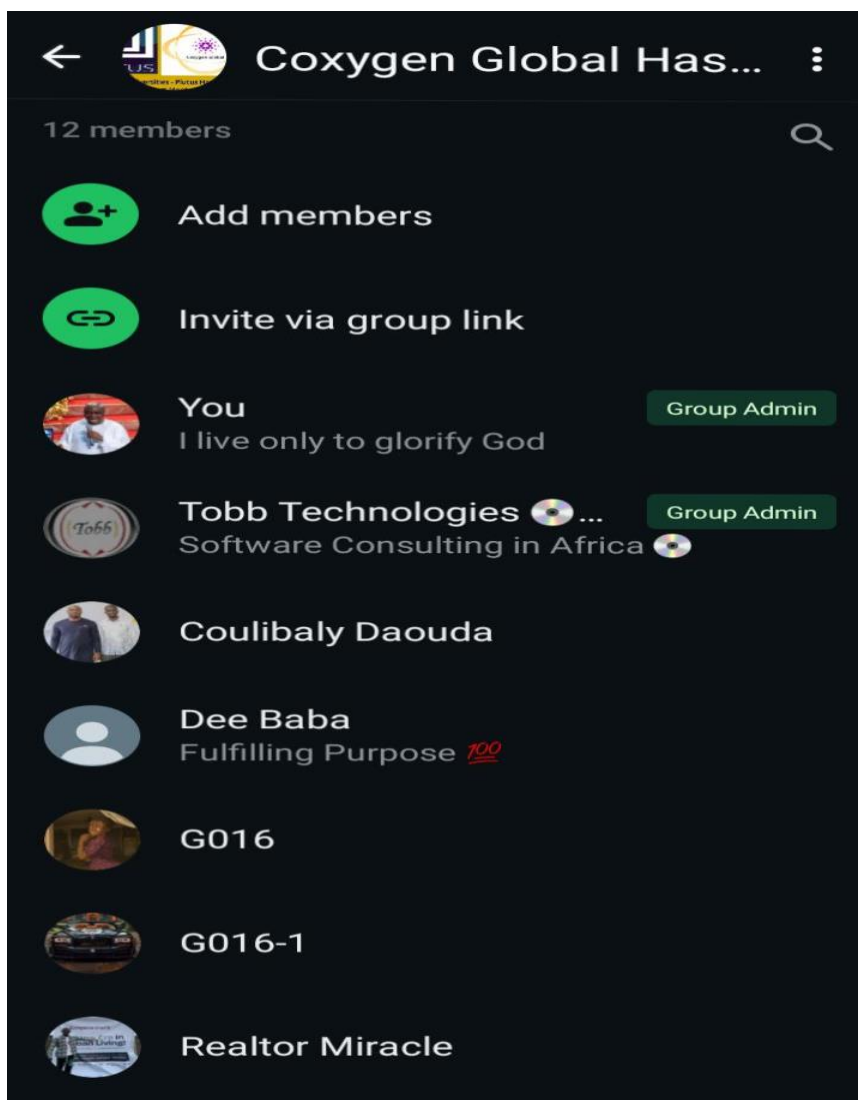
Haskell Program Students

Old group G008-A

16 of the students that I had in the previous group was engaging, communicating their progress. In May they were able to complete the on chain credentials for the first five chapters...

New group G016

In the new list of the Richfield students that I received who signed up in May (19), only 10 managed to join the WhatsApp group chat.



Coding Aspect

In the month of May I have been working on the E-commerce website. The website now allows wallet connection, add to cart and checkout.

1. Key achievements

During May, I was able to get source codes for the home page and product page and was able to modify it by adding features like wallet connection, including products at the homepage to the product page, updating all prices of products from USD to ADA, adding the checkout page for purchase using ADA in the connected wallet...

2. Completed Work

Frontend

Wallet Connection

Created a button at the home page that allows for connecting the website to your cardano wallet and allows for automatic access to the products page.

Add to cart

Created a button at the products page that allows for adding products and their desired quantity to cart before checkout.

Checkout

Created a checkout button that opens up the payment gateway where the buyer sends out the total amount of goods purchased in ADA from their connected wallet address.

GitHub

<https://github.com/Savissy/Coxygen-ecommerce-website.git>

Challenges

Coding Project: Certain key features were not implemented such as the escrow smart contract that allows for a trust less transaction which is very important to avoid fraud and enhance security...

June plan

With the new group of students, I am planning to conduct 2 lessons per week to put them through on previous chapters and to get more students from the new and old group to do the on chain credentials.

For the E-commerce website, I'm working on integrating an escrow smart contract at check out to enhance security against fraud.