



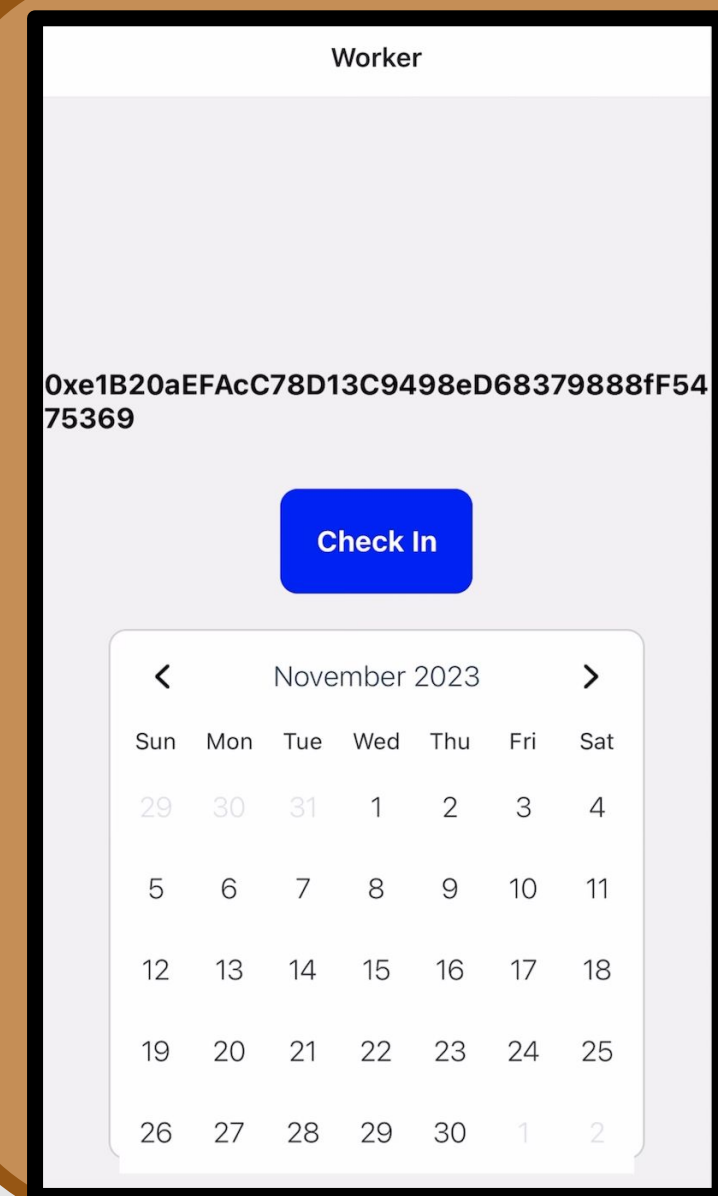
# ChainBytes

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Thank you to Eric Grill, Prof. Smith, Prof. Korth, & Roberto Salaverria



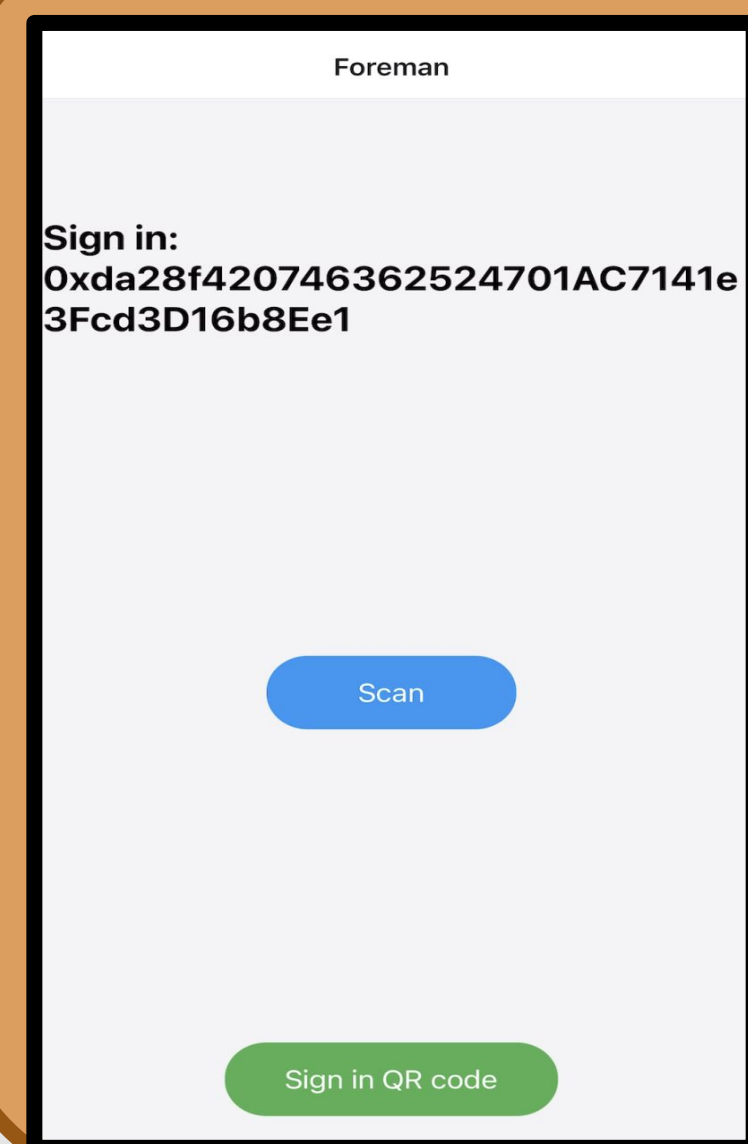
**Problem:** The economy of El Salvador is heavily linked to its coffee industry where the farms laborers are often underpaid or not paid at all. A decentralized solution will help eliminate opportunities for corruption.

**Solution:** An application that tracks the history of a farms payment to their workers in bitcoin. Farms can be transparent about paying their workers fair wages and consumers can support these farms.



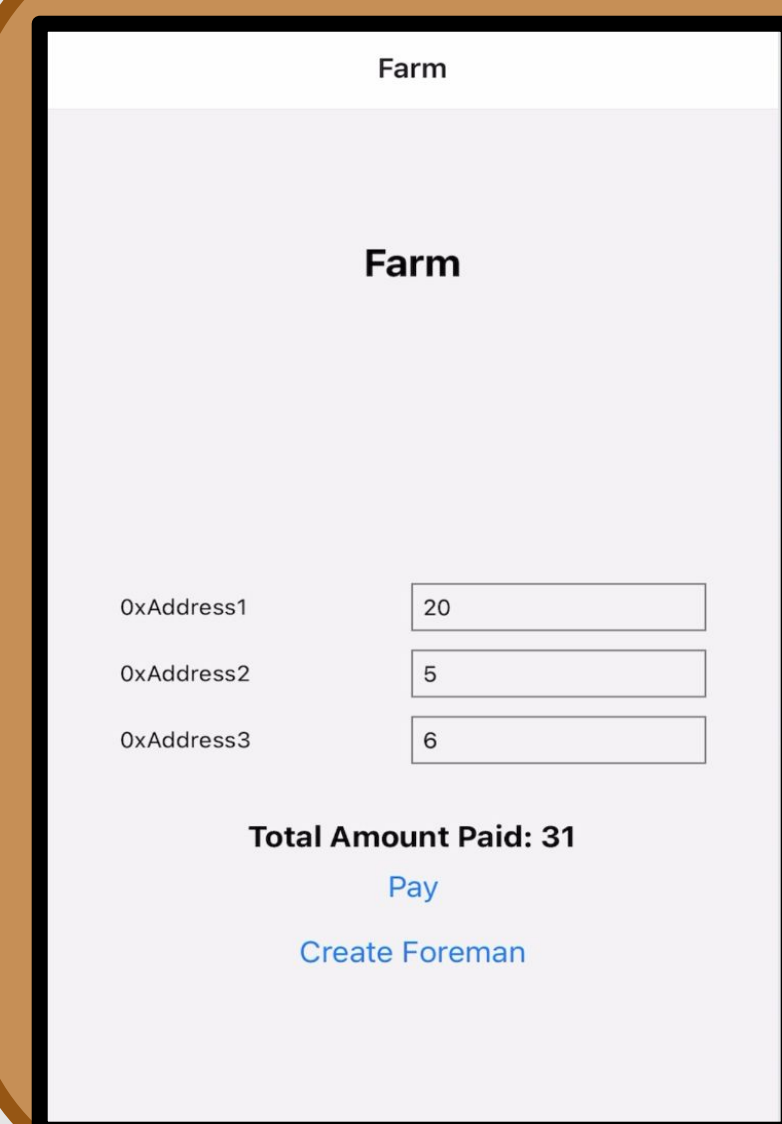
## The Worker

The worker screen displays the workers wallet QR code which allows the foreman to scan and check the user in. In addition, the worker screen queries theGraph to display the workers past worked days.



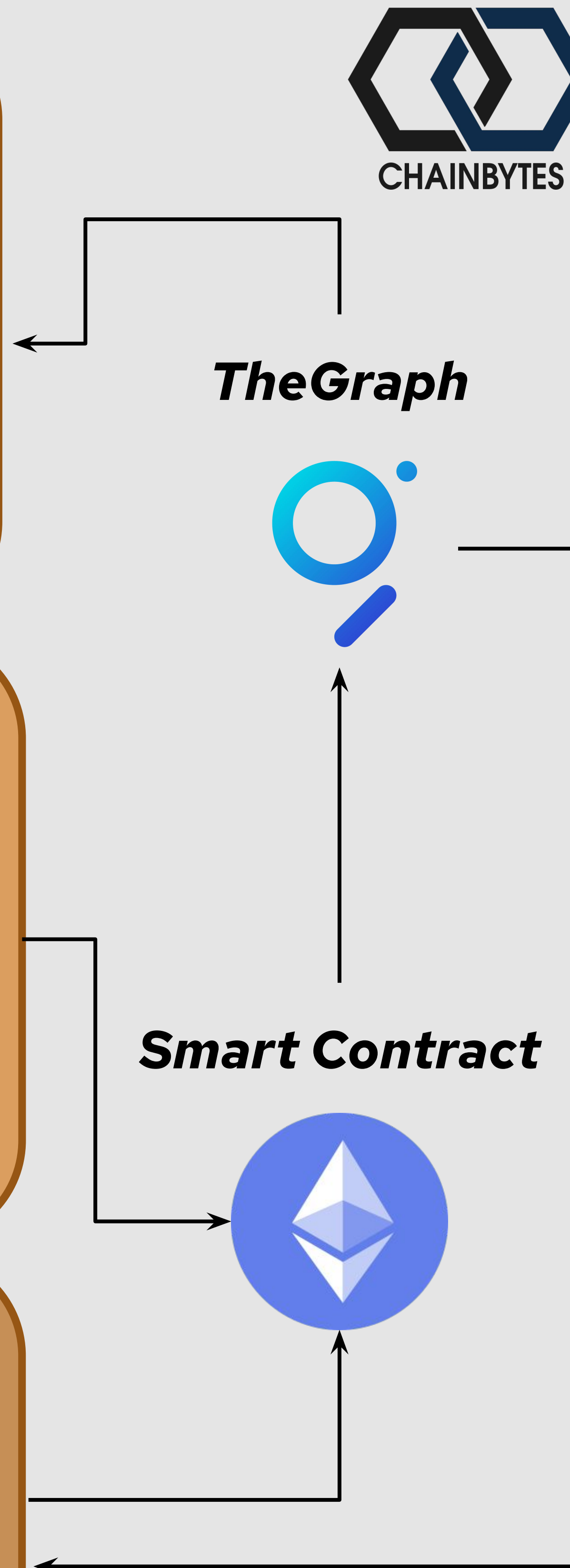
## The Foreman

The foreman is able to scan worker's QR codes and check the worker in through a smart contract interaction. TheGraph then automatically updates with the list of unpaid workers which the farm will then pay.

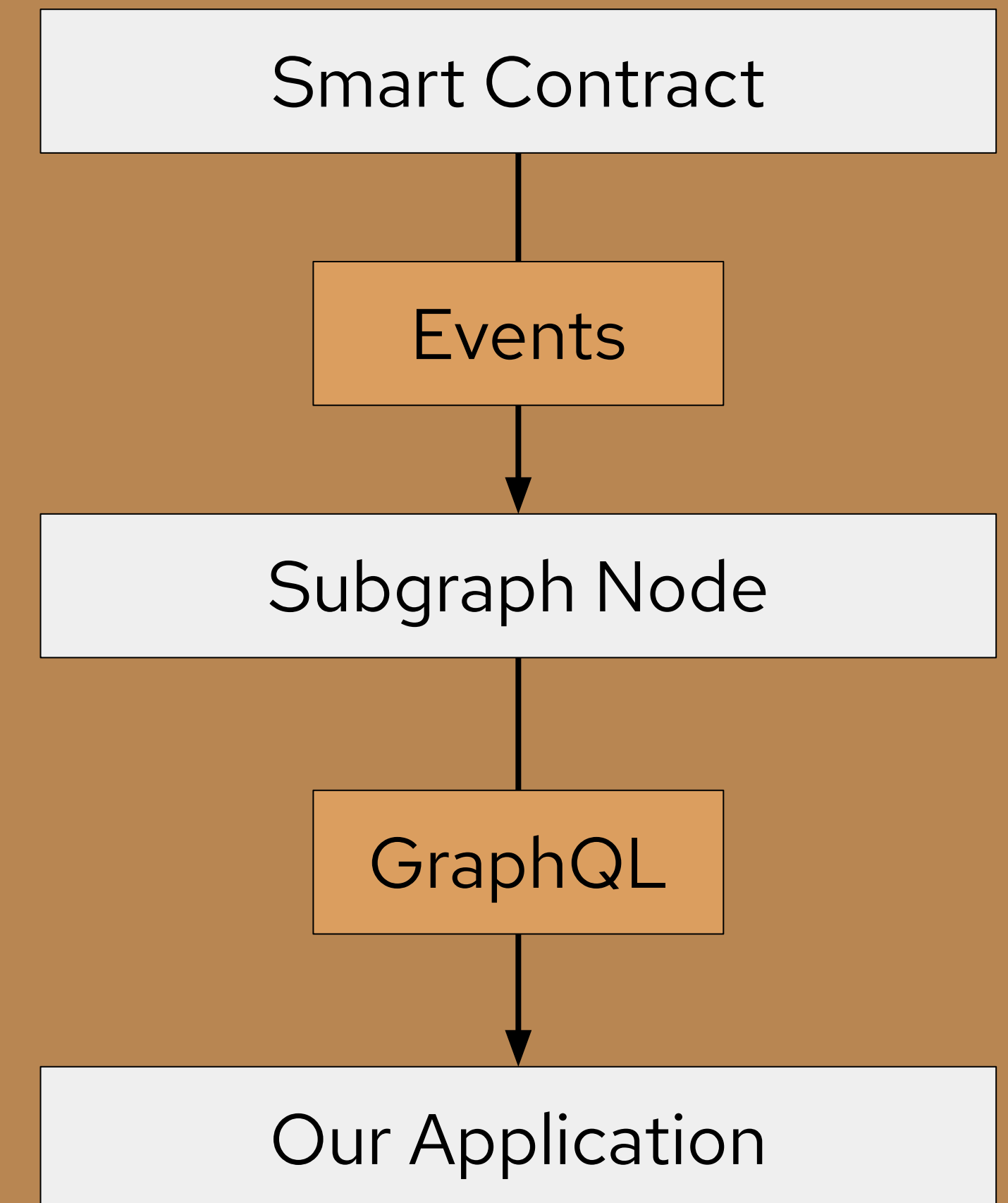


## The Farm

The farm queries theGraph for a list of workers who need to be paid. With this queried information, the farm is then able to enter a payment amount and pay the workers through a smart contract interaction.

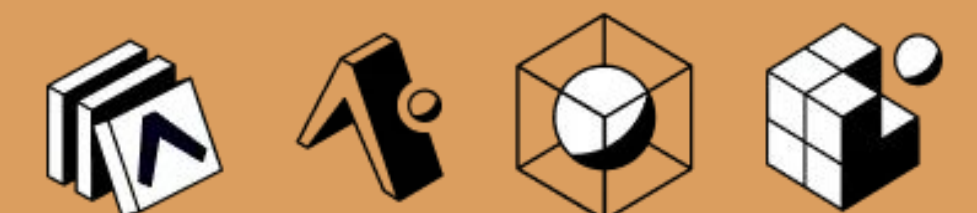


## Blockchain Interactions



## Team Process

The team utilizes various tools to develop and distribute our



This CI/CD pipeline follows agile project management standards.

