Blockchain Development and Fintech

Midterm Proposal

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Introduction

We aim to develop an integrated application that translate natural language instructions into transactions, utilizing technology from ORA. This project entails designing both the front-end and the server to facilitate interaction with smart contracts and the website. Despite the potential increase in transaction costs, we are eager to pursue this endeavor because we believe the technology involved will provide valuable learning opportunities, making the implementation process a valuable experience. We are going to see how valuable and important this work can be in the future.

The idea is from the references:

https://github.com/ora-io/OAO

https://github.com/LiRiu/oaoie

Method

In this project, there are several parts need to be implemented

- Front-end design
- Back-end server for website
- Smart contract design

We will begin with the smart contract first, then proceed with the remaining tasks.

Expected Result

A website application that primarily translates natural language instructions into transactions and executes them. Our tasks include deploying our custom smart contract, designing the website, and implementing additional features such as membership systems or transaction history storage.