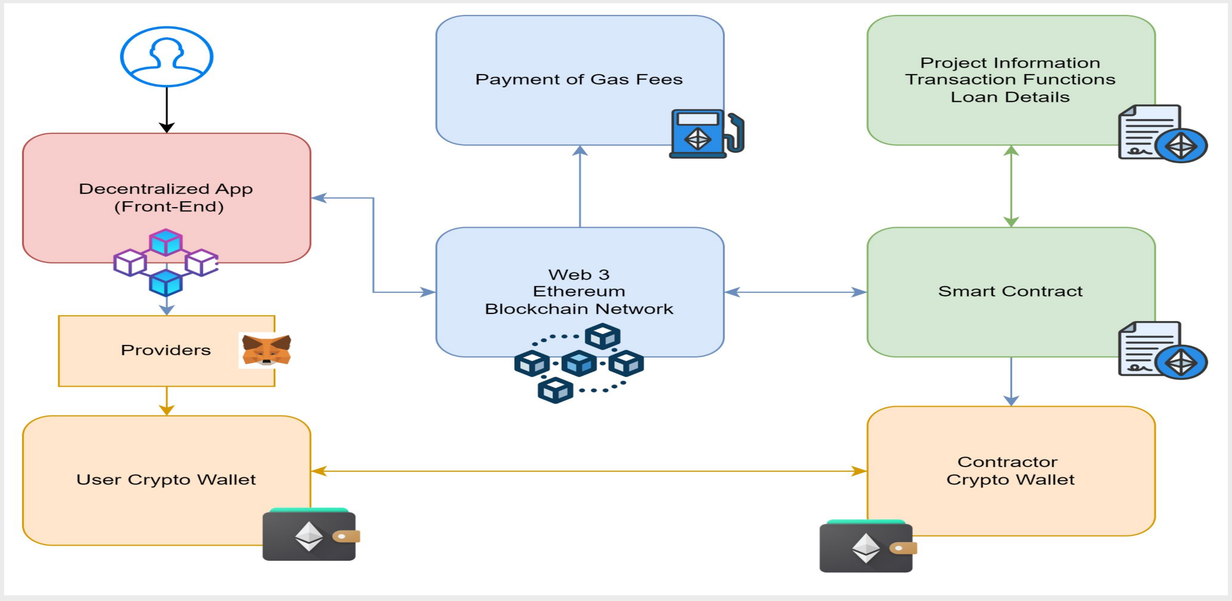
NEW WEB3 PLATFORM WRECKS THE CIVIL CONSTRUCTION INDUSTRY

- BREAKING NEWS: Public projects have not been getting finished on time due to low and slow funding.
- Our platform allows any user to choose what public projects they want to see built in their community. Through the power of the blockchain network we can get the funds moving around much quicker than traditional means.
- This allows for public projects to built much quicker and also have a secure and efficient way to acquire funds for more projects. Our projects allows anyone from just a single person to a large business to invest in public projects they want to see built and will purchase crypto token for the according project.

Oregon State University

Blockchain-based Smart Contracts for Infrastructure Funding

Our goal is to accelerate local funding processes for private contractors to develop public infrastructure. Our project allows anyone to help fund projects they want to see built.



Project Goals

★ Enhance the transparency and accountability of transactions, thereby fostering trust among all stakeholders, including investors, developers, and end-users.

★ Minimize cost overruns in infrastructure development projects by utilizing blockchain-based smart contracts to efficiently crowdfund & tokenize infrastructure assets

★ Eliminate delays in traditional public-private partnership financing by streamlining management of funding and project equity

Roadmap

★ ***Over the past year:***

★ Development:

- Design project protocol + token requirements & develop our dApp.
- Implement protocols for the lending process between lenders & public contractors.
- Model how retail investors will receive incentives from providing liquidity to a loan pool.
- Integrate loan terms (repayment schedule, interest, & more)
- Refine our very simple dApp user interface
- Allow users to purchase tokens to fund projects

★ ***Future Milestones***

- Tokens can be transacted through our dApp network to access tolled infrastructure (i.e. road tolls, bridges, ferries, etc).
- Integrate additional DeFi loan protocols
- Explore tokenomic models & bonding curves
- Implement cross-chain investment bridge protocols

ACKNOWLEDGEMENTS

➔ TEAM MEMBERS:

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➔ OUR PROJECT PARTNER:

- Dr. Joseph Louis
  - Assistant Professor in the School of Civil and Construction Engineering
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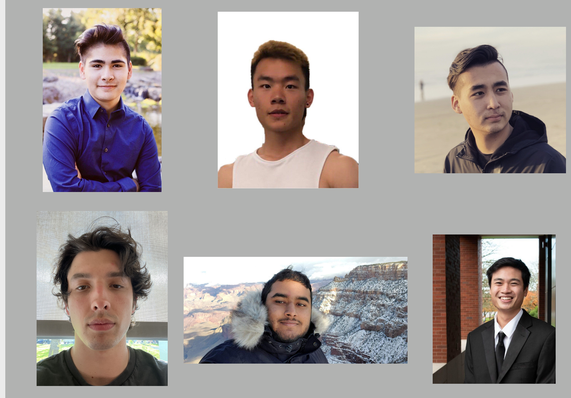

Pictured from left to right, top to bottom:
Samuel Knox, Shuwen Xu, Altynbek Yermurat.
Michael Antonio Gadda, Abhimanyu Bais, Derek Dang