CS491 - Fall 202 - Project Information Form

Mail Address: bersan.ozgur@ug.bilkent.edu.tr

Name of the Project: Satonic, Ordinals NFT Marketplace

Project Description:

The Ordinals Auction System project aims to develop an innovative marketplace for Bitcoin Ordinals, leveraging Citrea, a Bitcoin rollup with a trust-minimized bridge. Ordinals function similarly to NFTs, tied to satoshis on the Bitcoin blockchain, but existing auction systems for them face usability challenges due to Bitcoin's script limitations. This project seeks to overcome those limitations by integrating the EVM ecosystem through Citrea, enabling seamless and efficient trading for collectors and traders. With a full-stack development approach, the project holds the potential to not only simplify Ordinals trading but also set the foundation for future innovation in Bitcoin-based digital assets.

Supervisor: Özgür Ulusoy

Innovation Expert: Ömer Talip Akalın - Chainway Labs

The URL of the Project Web Page: https://github.com/bitcoin-ordinals/satonic

Team Members:

Team Member 1 21902246, Mehmet Berşan, Özgür

Team Member 2 22002932, Ali Kaan, Şahin