

Authors

Who are the authors of this document?

- Anh Nguyen

Reviewers

Who are the stakeholders that will review this document?

- Pradhumna Pancholi

Functional description

What does the software do? Cover error handling, one-time startup procedures, and user limitations. Any other details about the software functionality go here.

An NFT marketplace that allows users to list, buy, sell, make offers, and carry out auction with Variable rate Gradual Dutch Auction (VRGDA)

User interface

What does the software look like? Provide a wireframe and include details about features that are difficult to convey in your wireframe.



Prioritization

Plot each story and feature on a matrix to help prioritize which ones are most important.



See Prioritization Matrix on page 3.

Goals and milestones

What are the major goals your software is trying to achieve? What are the major milestones or checkpoints needed to complete the software?

GOALS

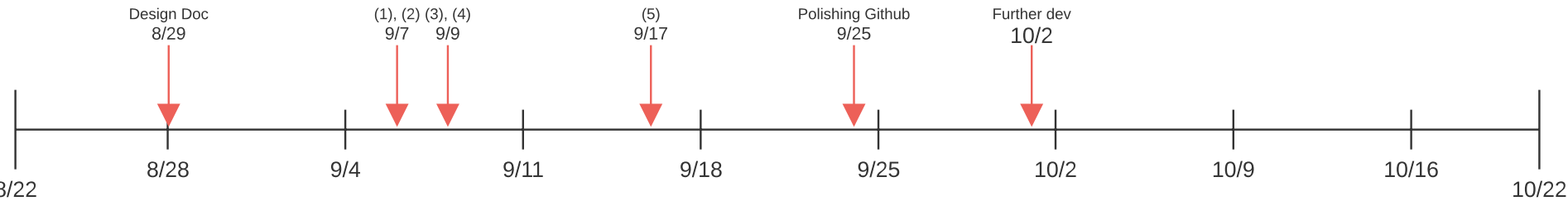
- Complete SaigonMarket.sol
- Complete Home page
- Complete Listing page
-
- Complete TayAuctionHouse.sol
- Complete Auction Event page
-
- Complete Test file
-
- Complete deployment.js
- IPFS, etherscan verification
-
- Audit report - Echidna, Slither

MILESTONES

- (1) Marketplace essentials
 - Functional app
 - Basic UI with Home and Listing page
- (2) Auction ft
 - VRGDA
 - UI Auction Event page
- (3) Testing
- (4) Deployment
- (5) Audit

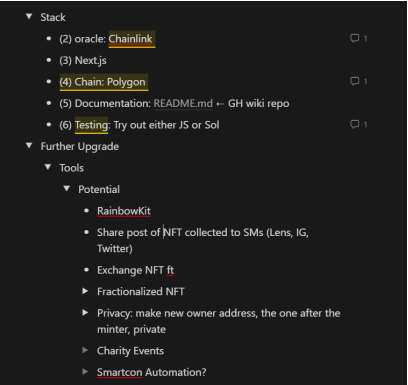
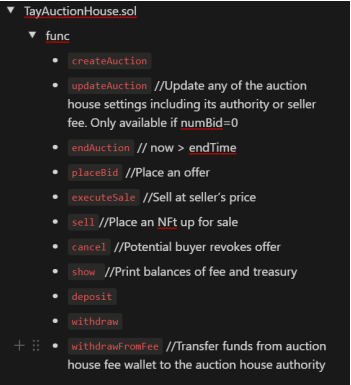
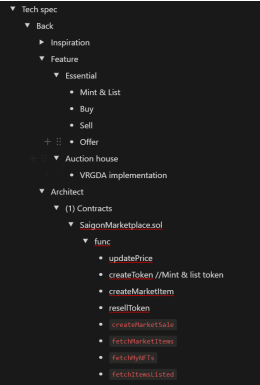
Timeline

Help visualize the major milestones needed to complete your goals. Include specific tasks and assigned individuals.



Current and proposed solutions

Is there an existing solution in place already? How does a user interact with your proposed solution?



CSG

anh nguyen | August 30, 2022

