GO FUND MY LIFESTYLE

By Anthony Calida and Stellan

WEB2 INSPO

Instagram

Onlyfans

Patreon

- No Ownership

- Monetization - External Sponsors and Ad Placements

- Users pay upfront - Creators lack reach

- Centralised Platform Controls Sensitive Data

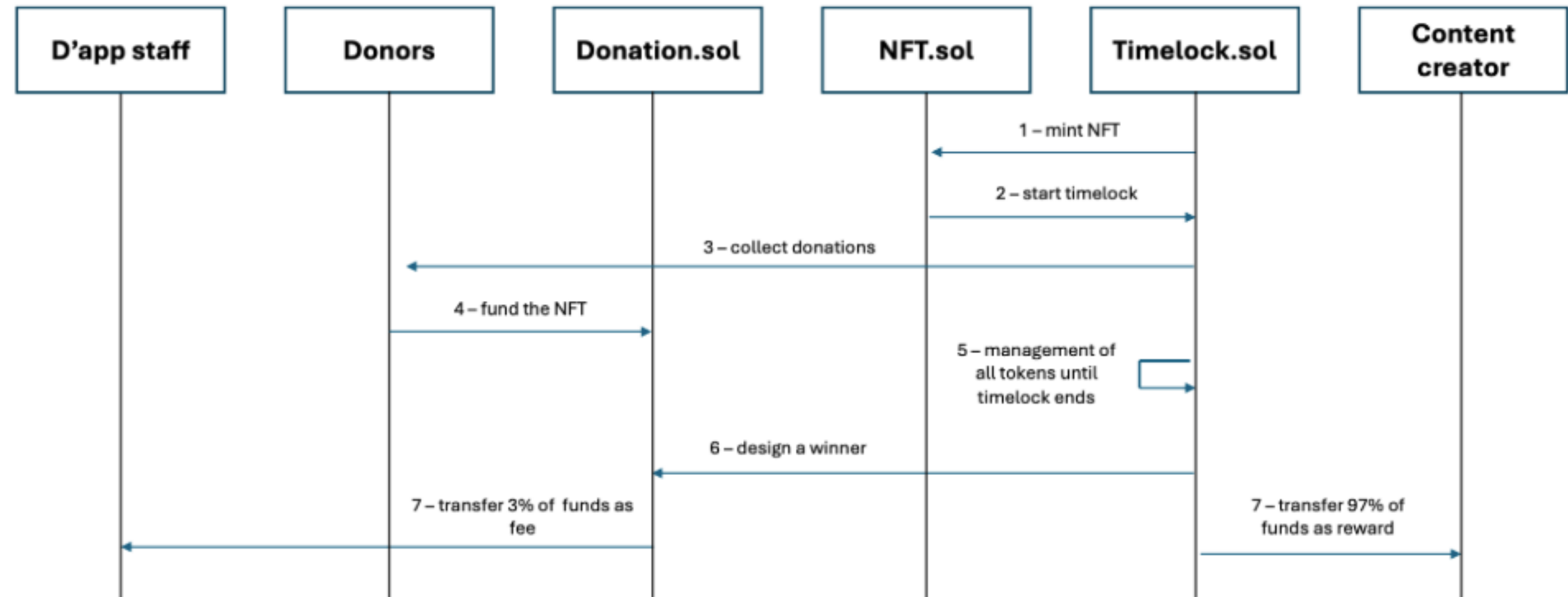- Monetization - Limited Subscription Model

WEB3 CONS AND COMPETITION

- UI/UX - Major Hurdle

- Market Reach - Major Hurdle

- Web3 Dominant Competitors?
  None - Major Pro

- Consumer Knowledge - Hurdle

- ???

TECHNICAL OVERVIEW

Interactions between contracts

TECHNICAL OVERVIEW

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CONTRACTS FUNCTIONS

NFT.sol - MyNFT - ERC 721

- **mint(address owner, address creator, uint256 tokenId, string memory link, address DonationsContractAddress)**

- **transferOnce(address to, uint256 tokenId)**

- **tokenLink(uint256 tokenId)**

TECHNICAL OVERVIEW

— CONTRACTS FUNCTIONS

Why non-transferable NFT?

- Auctions VS Donations
- Donations with transferable token: speculators and donors
- Auction design would not be optimized (see Auction Design Mechanism Design)
- To have only REAL donors : non-transferable token

Donation.sol

- addOwner(address newOwner)

- setToken(uint256 tokenId, address creator)

- donate(uint256 tokenId)

- withdraw(uint256 tokenId)

- toggleDonationStatus(uint256 tokenId, bool isActive)

- getDonorAddress(uint256 tokenId)

- Modifiers - OnlyAuthorized()

TECHNICAL OVERVIEW

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CONTRACTS FUNCTIONS

TimeLock.sol

- deployMyNFT(string memory name, string memory symbol)/deployDonation():

- CreateNft(uint256 tokenId, string memory link, uint256 releaseTime):

- addNFTContractAsOwnerToDonations()

- createNftEvent(uint256 _releaseTime, address _nftContract, uint256 _tokenId, address _donationContract)

- tranferNFTToWinner(uint256 _eventId) : in-line Assembly included

CODE QUALITY PRACTICES

- NATSPEC - for understanding

- camelCase - for consistency

- Scan Reports - for gas optimisation- > vs >=, dead

- Scan Reports - Security - Reentrancy Vulnerability, TimeStamp Comparisons, Inheritance issues

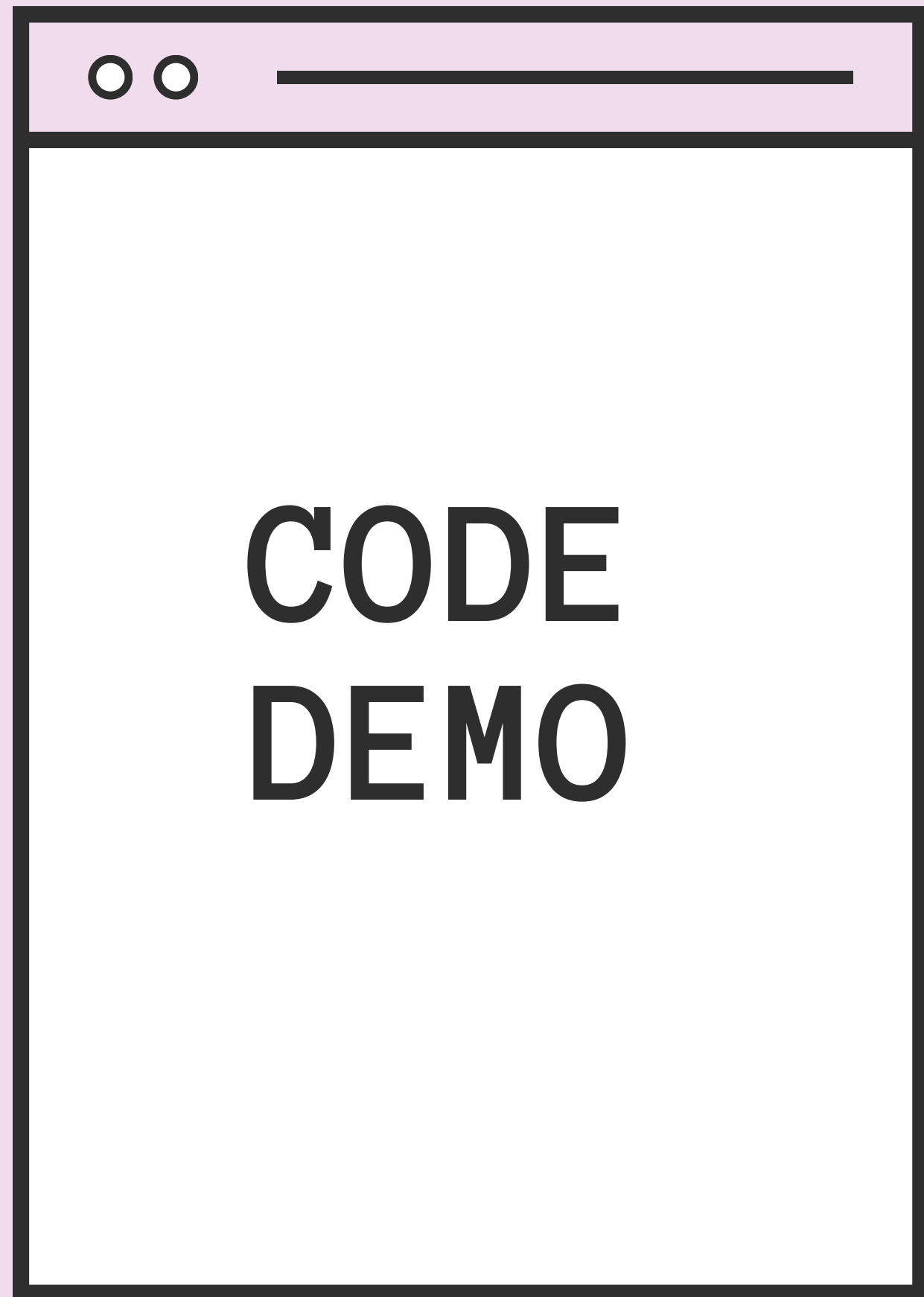- Hire future Software Testers and Auditors

TESTING

- Deployment
- Token Linkage - Chain of interactions
- Existing Token Detection
- Invalid Donations
- Withdrawal

SDLC TIMELINE

GO FUND MY LIFESTYLE

TASKS	MARCH	MARCH	MAY	JUNE
BUSINESS DEVELOPMENT	$0			
CODE OUTLINE MVP		$0		
FUNDRAISING			GOAL – $15000	
3RD PARTY TESTING AND AUDITS			$5000	
FEATURE INTEGRATION - REWARDS			$3000	
DEMO USER TESTING			$3000	
LAUNCH				$500
FRONT END ENHANCEMENTS				$??

CODE
DEMO