# PunkPaper: PunkSociety's Whitepaper

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## WTF is PunkSociety?

PunkSociety is an open-source framework designed for building Ethereum Virtual Machine (EVM) compatible decentralized applications (dApps). It supports interaction with both fungible tokens (ERC20) and non-fungible tokens (ERC721).

By following the instructions in our GitHub repository, you can deploy PunkSociety on any EVM-compatible blockchain. For advanced users, we offer deployment as an appchain, leveraging Avalanche L1 technology for unique features such as:

- **USDC as native gas:** Transactions and interactions are paid for using USDC.

- **Earn USDC yield:** Your USDC generates interest on AAVE while bridged to Avalanche L1.

## Features

PunkSociety is a social protocol that monetizes user engagement. Here's what it offers:

- **NFT-based social posts:** Each post can contain one image and up to 140 characters of text.

- **Social economy:** Likes and comments send USDC to the post creator.

- **Analytics and notifications:**
  - Revenue tracking
  - Real-time notifications
  - Private and group chats

- **Accessibility:** Designed for users with visual or hearing impairments.

## Technical Stack

PunkSociety leverages the latest Web3 technologies to deliver a scalable, user-friendly dApp framework:

- **Scaffold-ETH 2:** A modern development framework for Web3 applications.

- **USDC:** Ensures easy accountability by using USDC for payments.

- **Chainlink CCIP:** Enables seamless bridging of NFTs and USDC to other blockchains.

- **The Graph:** Provides efficient and real-time querying of blockchain data.

## Social Economy

Likes and comments are not just for fun! They're financial transactions that reward creators directly in USDC. Each interaction builds a sustainable creator economy powered by blockchain.

## Accessibility

PunkSociety is committed to inclusivity. The platform is accessible to people with visual and hearing impairments, ensuring no one is left behind in the Web3 revolution.

## Community

PunkSociety is built by the community, for the community. Clone it, customize it, and create your own social network powered by blockchain technology. **The code is open-source and extensible.**

## Meet Us

- **Lulox:** Founder and Buidler-in-Chief.

- **You:** Join us and become a Buidler!

## Get Started

Visit our GitHub repository to learn how to deploy PunkSociety and become a part of the decentralized social revolution.

# Disclaimer

Your private key is your responsibility. Save it securely, as it cannot be recovered or reset by the PunkSociety team.

Please note that when images are uploaded to IPFS and the blockchain, they become immutable and publicly accessible. Ownership of these images is governed by the principles of blockchain: anyone can view the content, but only the associated NFT owner has the rights to transfer or sell the ownership token. Ensure you only upload content you have rights to or permission to distribute.