VidChat

A decentralized video sharing and chatting platform on the Hedera network.

Meet The Team

Mubarak Olanrewaju

A Frontend Developer with expertise in React.js and blockchain integration.

Experienced in building decentralized applications.

Overview

VidChat is a decentralized video-sharing and chatting platform that empowers creators and users through the power of Hedera's blockchain technology. It provides a secure, user-friendly environment where creators can upload videos, and viewers can engage directly by tipping with custom token (VCT) or HBAR, or engaging in private chats. By leveraging Hedera Consensus Service and Hedera Token Service, VidChat ensures transparency, security, and efficiency in every transaction.

This project not only brings a new dimension to video content sharing within the Hedera ecosystem but also introduces innovative monetization methods that are fair and easy to use. The MVP demonstrates the core functionalities of video uploads, tipping, and messaging, with plans to expand and enhance the platform further based on user feedback and market needs. VidChat aims to increase Hedera's adoption by offering a unique, blockchain-driven video platform that appeals to content creators and viewers alike.

Key Features:

- **Decentralized Storage:** Videos stored securely on IPFS and powered by Hedera Consensus Service.

- **Tipping System:** Users can tip content creators using Hedera-based tokens (VCT) or HBAR.

- **Messaging:** Private messaging between users and creators via Hedera Consensus Service.
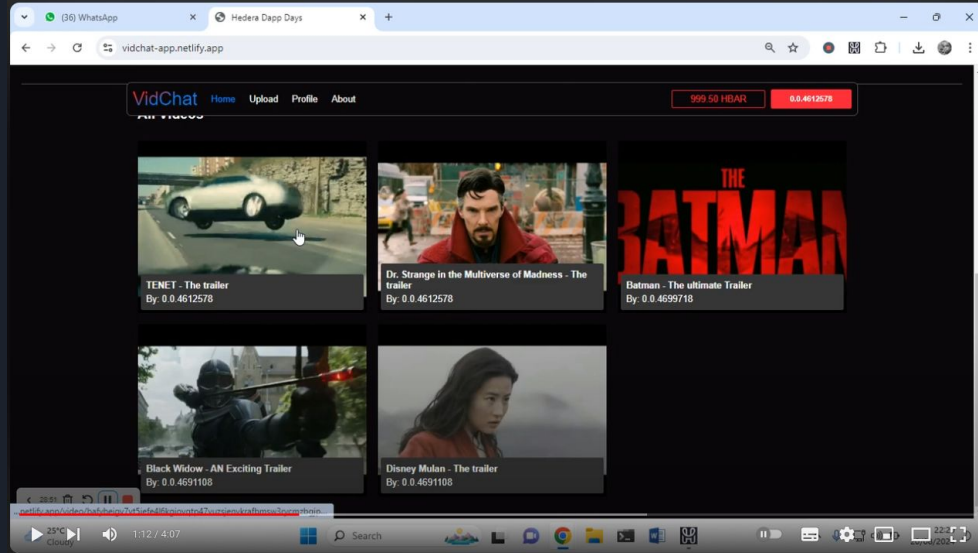
Understanding the problems

01 Content creators need a secure, censorship-resistant platform for sharing videos and engaging directly with their audience without intermediaries.

02 Independent content creators struggle to monetize their content on traditional video-sharing platforms, facing high platform fees and limited revenue streams.

VidChat provides a decentralized, censorship-resistant platform where content creators can securely share videos and engage directly with their audience, while also offering a transparent and cost-effective monetization model through Token or HBAR tipping, bypassing traditional platform fees.

Demo

Link to Demo video: https://youtu.be/jxl6u3UcCvA?si=Omof1tm8wB1qdQy7

- Technical Strengths: Seamless integration with Hedera network services, Easy-to-use interface, Secure and decentralized storage.
- Usability: Simple and intuitive user flow for video upload, tipping, and messaging.

Future Roadmap

01 User Feedback: Gather feedback from early users and iterate on the platform.

02 Feature Expansion: Add live streaming and community features, Introduce group chats, multimedia messaging, and encryption.

03 Partnerships: Collaborate with content creators and blockchain platforms to expand the ecosystem.

04 Market Strategy: Launch a marketing campaign targeting creators and viewers in the Web3 space.

05 Continuous Innovation and Scaling: Use AI to enhance video recommendations, Integrate NFTs, merchandise, and sponsored content.

Thank you!

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(Project Repo: https://github.com/Freedteck/vidchat-app)

(Live url: https://vidchat-app.netlify.app/)