DEPARTMENT OF APEX INSTITUTE OF TECHNOLOGY

PROJECT PROPOSAL

1. Project Title: -

Web3 based social media platform using blockchain technology.

2. Project Scope: -

The "Web3 based Social Media Platform using Blockchain Technology" aims to revolutionize the traditional social media landscape by leveraging the power of decentralized technologies. The scope of this project encompasses the development of a feature-rich platform that incorporates blockchain and Web3 principles to enhance user privacy, ownership of data, and the overall user experience. We will be utilizing the Ethereum blockchain and Solidity smart contracts to ensure secure and tamper-proof storage of critical data, including user profiles, posts, and interactions. Leveraging the immutability and transparency of blockchain to enhance the integrity of user-generated content.

Developing an intuitive and responsive user interface using ReactJS, with seamless integration into Next.js for efficient server-side rendering. Prioritizing a user-centric design that enhances accessibility and encourages user engagement.

Facilitating community building through social features that encourage collaboration and interaction among users. Also implementing a decentralized governance model, allowing users to participate in decision-making processes for the platform's rules and future development.

In conclusion, the project's scope is ambitious yet comprehensive, aiming to create a next-generation social media platform that combines blockchain technology, decentralized principles, and user-centric design. This endeavor seeks to redefine the social media landscape, providing users with greater control, transparency, and incentives while fostering a vibrant and engaged community.

3. Requirements: -

- Hardware Requirements

  PC with minimum 8GB RAM and 64-bit processor

- Software Requirements

  Microsoft Visual Studio Code (for implementing React.js, Next.js, Solidity, Sanity.io)

STUDENTS DETAILS

Name	UID
Aniket Mittal	20BCS6819
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APPROVAL AND AUTHORITY TO PROCEED

We approve the project as described above, and authorize the team to proceed.

Name	Title	Signature (With Date)