

Blockchain Bootcamp Final Project Proposal

1. Decentralized Voting Application

Objective: Develop a blockchain-based decentralized voting application.

Key Components:

- Smart Contracts: Handle voting logic for transparency and security.
- Frontend: User interface for voter interaction.

Project Scope:

- Develop smart contracts for voting processes.
- Implement frontend for user interaction.
- Focus on security, anonymity, and vote verifiability.

2. Yield Aggregator for Uniswap

Objective: Create a yield aggregator for Uniswap.

Key Components:

- Backend: Main logic for yield aggregation (preferred over smart contracts).
- Frontend: User interface for interacting with the aggregator.
- Smart Contracts: Optional, for direct interaction with Uniswap.

Project Scope:

- Aggregate yields from Uniswap pools.
- Dashboard for investment tracking.
- Explain preference for backend development.

3. E-Market Platform

Objective: Develop an e-market platform using blockchain.

Key Components:

- Smart Contracts: Represent each product for transactional integrity.
- Frontend: Interface for product interaction.

Project Scope:

- Implement smart contracts for product listings.
- Create user interface for market interaction.
- Ensure secure and transparent transactions.

4. Blockchain-based Social Media

Objective: Create a social media platform with blockchain.

Key Components:

- Blockchain Integration: For data integrity and user verification.
- User Interface: For content interaction.

Project Scope:

- Focus on decentralized content management.
- Implement social media features.
- Ensure user privacy and data security.

Final Deliverables for Each Group:

1. GitHub Repository: Project code and README.
2. LinkedIn Post: Project summary and experiences.
3. Architecture Document: Detailed PDF of application architecture.

Evaluation Criteria:

- Innovation and blockchain usage.

- Functionality and user experience.
- Code and documentation quality.
- Project presentation.