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PROJECT TITLE

Block Chain

AGENDA

- 1. Problem Statement*
- 2. Project Overview*
- 3. End Users*
- 4. Tools and Technologies*
- 5. Portfolio design and Layout*
- 6. Features and Functionality*
- 7. Results and Screenshots*
- 8. Conclusion*
- 9. Github Link*



PROBLEM STATEMENT

- *Traditional systems in finance, healthcare, and supply chain lack transparency, security, and trust. Data tampering, fraud, and centralized failures are major issues. Blockchain provides decentralized and tamper-proof solutions.*

PROJECT OVERVIEW

- *Educational institutions face challenges in identifying underperforming students early. Manual evaluations are time-consuming and often biased, leading to late interventions. An AI-powered system can provide predictive insights.*

WHO ARE THE END USERS

1. *Businesses - Ensure data integrity*
2. *Customers - Trust in secure transactions*
3. *Governments - Track digital assets*
4. *Developers - Build decentralized apps (Dapps)*

TOOLS AND TECHNIQUES

Blockchain Platform: Ethereum/Hyperledger

Smart Contracts: Solidity

Storage: IPFS

Programming: Python/JavaScript

Frontend: React, Web3.js

Version Control: GitHub

POTFOLIO DESIGN AND LAYOUT

- 1. Homepage: Title & objectives*
- 2. About Blockchain Problem*
- 3. Workflow: Smart contracts, transactions*
- 4. Dashboard: Blockchain explorer view*
- 5. Results & Screenshots*
- 6. Conclusion*

FEATURES AND FUNCTIONALITY

- ✓ *Decentralized ledger*
- ✓ *Smart contracts*
- ✓ *Transparent transaction history*
- ✓ *Data immutability*
- ✓ *Secure authentication*

RESULTS AND SCREENSHOTS

- *Successful deployment of smart contracts*
- *Transaction validation screenshots*
- *Blockchain explorer visualization*

CONCLUSION

- *Blockchain ensures transparency, immutability, and trust across industries. Future scope: integration with AI, scalability improvements, and cross-chain interoperability.*