

Blockchain-Based Healthcare System

Revolutionizing Healthcare with Transparency and Security

Title: Current Challenges in Healthcare

- Key Points:
 - Fragmented medical records.
 - Lack of data security and privacy.
 - Fraudulent insurance claims.
 - Inefficiency in patient data success.

Title: Our Blockchain-Based Healthcare Solution

- Key Points:
 - Decentralized and secure storage of medical records.
 - Real-time access to patient history for authorized entities.
 - Automated insurance claims with smart contracts.
 - Transparency and fraud prevention.

Title: Why Fabric?

1. Improve Data Integrity
2. Enhanced Collaboration
3. Fraud Prevention
4. Compliance with Regulations
5. Cost Efficiency

Title: System Workflow

- Key Points:
 - Patient data encrypted and stored on the blockchain.
 - Doctors access patient history with patient consent.
 - Insurance claims processed through smart contracts.
 - Data integrity ensured across the network.

Assets

- Patient Data
- Insurance Policies
- Medical Records
- Claims
- Authorization Records

Participants

- Patients
- Hospitals and Clinics
- Insurance Providers
- Doctors
- Pharmacies

Transactions

- Record Patient Details
- Update Medical Records
- Insurance Claim Submission
- Approve/Reject Insurance Claims
- Data Sharing Consent Management
- Add/Update Insurance Policy

Further Enhancements

- Integration with IoT Devices
- AI-Driven Data Insights
- Decentralized Identity Management
- Dynamic Role-Based Access Control
- Cross-Border Interoperability
- Drug Supply Chain Management
- Telemedicine Integration

Thank You