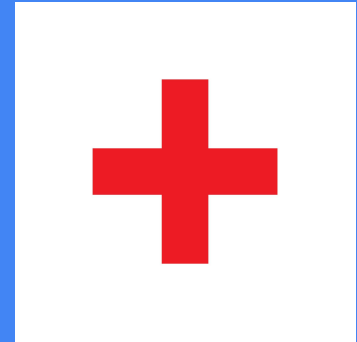


# E - Health Records

“Secured health records”



# Use Case

E-health record is a documentless medical record system which holds the complete history of medical data of a person in a digital ledger format in a securely manner.

# Key Problems and Resolution

- No digital records
- Carry records
- Medical bills are not maintained
- Data Privacy
- Maintainability of records
- Big gap between consumer and government policies

# In Synch with Digital Health Mission

Prime Minister Narendra Modi on Saturday launched the National Digital Health Mission, while addressing the nation from Red Fort on India's 74th Independence Day.

Source - <https://www.livemint.com/news/india/pm-modi-launches-national-digital-health-mission-11597467562654.html>

# Solution with E-Health Records

- Healthy healthcare system for all citizens
- Easy access of data in a secured manner
- Convenience to insurance providers
- The government will be able to manage and create better medical reforms.
- Carry your data securely
- Backed by blockchain ( security, privacy, confidentiality, integrity, and decentralization)
- Central repository and data privacy
- Share data with consent for research and analysis

# Who are the major stakeholders in this scenario?

- Patients
- Physicians
- insurance companies
- Pharmaceutical firms
- Government

# Market Share of the e-health record system

- The Global Electronic Health Records (EHR) Market is forecast to grow from an estimated \$ 30 billion in 2020 to \$ 40 billion by 2025.
- Growth in the market is anticipated on account of rising demand for centralization and streamlining of electronic healthcare systems, technological advancements in the field of healthcare IT, and increasing awareness about the use and importance of EHR.
- Growth rate of 5.59% from 2019 to 2025.

How Blockchain is relevant in e-health records ?



- **Blockchain** is the **key technology** behind the formation of e-health records.
- Blockchain acts as a **ledger system** where the visits to the doctor, tests taken by the patient, medical outlet bills are stored in the transaction format on the blockchain.
- E-health records on blockchain will be a **permissioned ledger** whereby any data shared to the third party other than the patient will have **access grant request** to the patient.

# Competitors in the current market.

- BURSTIQ - founded in 2014, Colorado Springs Colorado US
- FACTOM - founded in 2014, Austin Texas, US
- MEDICALCHAIN - founded in 2014, London England
- GUARDTIME - founded in 2007, Irvine California US

# Questions and Feedback

Thank You.

