



EMAIL:

WEBSITE:<https://github.com/Myshgithub/TechPoint-S.O.S-Health-Care-Challenge->

Health Care Team5

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Problem

Identify applications of blockchain in the healthcare industry to help healthcare systems and providers protect their data and their patients, as well as applications that will instill confidence in the general public and encourage the use of systems and products that will improve the speed, quality, and security of healthcare.

Solution

By combination of blockchains technology and off-blockchain repository, our solution creates a healthcare model to facilitate the consent management and speed up data transfer. Health-Chain is a model that allows patients to easily impose fine-grained access control policy to their data and enables efficient data sharing among Health Care Providers and receive better services from them.

Market Size

An experimental study was conducted of the new blockchain-based platform for sharing user profile data that allows users to retain control of the sharing, earn digital rewards and enables efficient data sharing among clinicians too. The use of healthcare blockchain for health data exchange is expected to reach a value of \$1.89 billion by 2025.

Competition – Hospital Patient Portals and mHealth Apps

Business Model

We proposed a platform for user modeling with blockchains that allows users to share data without losing control and ownership of it and applied it to the domain of required Healthcare services. Our new platform provides solution to three important problems: ensuring privacy and user control, and incentives for sharing.

Marketing and Sales

Would be marketed to Healthcare providers such as Hospitals, Pharmacies, Clinical and/or Research Institute, Laboratories, Insurance Companies and so on.

Progress to Date

An experimental study of the new blockchain-based platform for sharing user profile data that allows users to retain control of the sharing and earn rewards. It is based on user- controlled privacy and data-sharing policies encoded in smart contracts on privacy-preserving data sharing and management with combination of blockchain and off-blockchain repositories.

Future Milestones

-Implementing and coding the chain code with Ether Service, and evaluating the usability and usefulness of the approach, and the trust users can have in the system. -Improving the model by studying users' attitudes to data sharing and the incentives they would find attractive for sharing their data.