

Decentralized Health Care System

Dr. C. S. Shinde¹, Aparna Patil², Ankita Mangave³, Jayprakash Kadam⁴, Akshay Jadhav⁵

Hade of Department, Department of Computer Science & Engineering¹

B. Tech Students, Department of Computer Science & Engineering^{2,3,4,5}

Adarsh Institute of Technology and Research Centre, Vita, Maharashtra, India

Abstract: *Decentralized medical systems represent a shift in medical delivery that distributes rights and information across the network rather than relying on a central location. This model leverages blockchain technology to ensure medical records are secure, transparent, and tamper-proof. Patients can have more control over their information, allowing or revoking access as needed. Collaboration has improved, making the exchange of information between doctors easier. Smart contracts automate, secure, and streamline the billing and insurance process. This decentralized framework increases privacy by reducing the risk of serious data breaches*

Keywords: medical, network, decentralized