

Pharma Supply Chain Management System Using Blockchain

Rajani Sajjan, Dishant Nitin Raut, Aryan Shrivastava, Kumar Dileep, Ayush Prasad

Department of Computer Science and Engineering

MIT ADT University, Pune, India

rajani.sajjan@mituniversity.edu.in, dishantraut36@gmail.com, shrivastavaaryan4444@gmail.com

kumardileep1969@gmail.com, ayush19.ap@gmail.com

Abstract: *A drug traceability system's objective is to track or trace a drug's movement along the drug supply chain, which is essential for both public drug security and the operations of pharmaceutical companies. Data integrity, privacy, system resilience, and adaptability expectations have not been met by traditional centralized server-client technology solutions. We have presented a whole new blockchain method for drug traceability. Compared to other solutions now on the market, this one is more secure and scalable. The proposed system can also efficiently prune its storage, producing a reliable and practical blockchain storage solution.*

Keywords: drug traceability