Literature Survey

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Team ID	NM2023TMID03075
Project Name	Transparent Education Data Management
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Transparent Education Data Management

S.No	Title of the paper	Authors	Algorithm	Advantages	Disadvantages
1.	Blockchain for Transparent Data Management Toward 6G	Xuemin shen, Dongxia Liu, cheng Huang ,Han Yin, Rob Sun, Bidi Ying	The wealth of user data acts as a fuel for network intelligence toward the sixth generation wireless networks(6G)	Enhance the trustworthiness and efficiency of the education system while providing greater control and privacy to individuals.	The lack of standardized protocols in the blockchain space can hinder interoperability between different systems.
2.	Applications in Education A Systematic review	Ali ,Samah Alhazmi, Marwah Almasri	This is mainly due to unique features including decentralization,security, reliability,and data intergrity.	Easy Data Access for students.	Setting up and running a blockchain network can be expensive, which may not be feasible for smaller educational

				organizations.
3.	Analysis of Data Management in Blockchain-Based Systems:From Architecture to Governance	HYE-YOUNG PAIK ,XIWEI XU, H.M.N.DILUM BANDARA ,SUNG UNE LEE , SIN KUANG LO	Thus, properly understanding what and how the data are stored and mainpulated ultimately determins the degree of utility, performance and costof block chain - based application.	Increases trust,security,transparency and the traceability.	While blockchain is often considered tamper-proof, human error in data input can still occur, leading to inaccurate information on the blockchain.
4.	What Matters Most for Education Management information systems:A Framework paper	Husein Abdul-Hamid	It presents the conceptual background and operational tools for systems Approach for Better Education Results(SABER)-EMIS domin.	ImprovesTransparency.	While transparency is a goal, the public nature of blockchain may raise concerns about data privacy and security.
5.	Education:A Blockchain -based Education Data Management System	Yihan Liu, ke Li, Bowen Li, Guiyan Wang, Wei Cai	This method uses the md15 verification alogrithm to compute the verification value of each database and consensus database state.	Enhanced Security And Confidentiality	Implementing and maintaining a blockchain system can be technically complex and costly, requiring specialized

| | | | | | expertise. |