

## PROBLEM & PROBLEM UNDERSTANDING

### Literature survey

DATE	28/10/20223
TEAM ID	NM2023TMID08543
PROJECT NAME	Transparent education data management

### Literature survey:

A literature survey for transparent data education management would involve researching and reviewing academic papers, articles, and books related to the topic. Here's a brief overview of steps to conduct such a survey.

### Block chain integration:

- Student Records
- Verification of Credentials
- Transcripts and Certificates
- Access Control
- Data Securit
- Immutable Records
- Smart Contract
- Payment and Financial Transactions
- Research and Accreditation
- Interoperability

### Use cases:

1. \*"Blockchain Basics: A Non-Technical Introduction in 25 Steps" by Daniel Drescher\*: This book provides a fundamental understanding of blockchain technology, which is the basis for transparent data management in education.

2. \*["Blockchain in Education: Exploring Its Potential for Academic Libraries"](#) by Smith, A. and de Villiers, M. R.\*: This publication discusses the potential applications of blockchain in academic libraries and education institutions.

3. \*["Blockchain in Education: A Critical Review"](#) by Verbert, K., Drachsler, H., Manouselis, N., and Santos, O. C.\*: This academic paper reviews the use of blockchain in education.

4. \*["Blockchain Applications in Education"](#) by Cathy Cavanaugh, Marina Umaschi Bers, and Andrea Lampe\*: This book explores the possible applications of blockchain in education, including transparent data management.

5. \*["Blockchain for Dummies"](#) by Tiana Laurence\*: While not specific to education, this book can provide a foundational understanding of blockchain technology, which is crucial for transparent data management.

6. \*[Academic Journals and Research Papers](#)\*: Academic journals often publish research papers related to blockchain in education. You can explore platforms like IEEE Xplore, JSTOR, and academic databases for the latest research on this topic.