PROBLEM STATEMENT

Date	26 october 2023
Team ID	NM2023TMID01000
Project name	Blockchain powered library management
Marks	2 marks

PROBLEM STATEMENT:

Problem statement	I am	I am trying to	but	because	Which makes me feel
Ps-1	LIBRARY ADMINISTRATOR	Maintaining the book catalog,add and manage books in the library.	Does not empowers library with unprecedented data transperancy,security and efficiency.	All transactions and changes to book records are transparent and publicly recorded on the blockchain. This transparency allows anyone to audit and verify the data without relying on a central authority, which can foster trust in the system	Stressed,exhausted and insecure

Ps-2	customer	ensure transparent and secure transactions related to book borrowing, returns, and possibly even ownership records. Blockchain can enhance trust and accountability in these processes.	Customers in traditional library systems might face issues like unclear transaction records, delays in book availability, or concerns about data security. Blockchain adoption aims to address these problems by offering transparency, efficiency, and a secure way to manage libraryrelated transactions.	Blockchain's decentralized and tamper-resistant nature ensures that transaction history remains transparent and unaltered. This can alleviate concerns about data manipulation or loss of information. Additionally, smart contracts on the blockchain can automate processes, reducing delays and improving overall efficiency in library management.	feel a greater sense of trust and security when using blockchain for library management