

TITLE PAGE



Problem Statement : India's land record system is **outdated** and **paper-based**, making it vulnerable to **manipulation**, **fraud**, and **ownership disputes**. This causes delays and confusion in property transactions.

Theme: Blockchain / AI/ML

Project Name: PlotChain

Team Name: BroCodes





IDEA TITLE

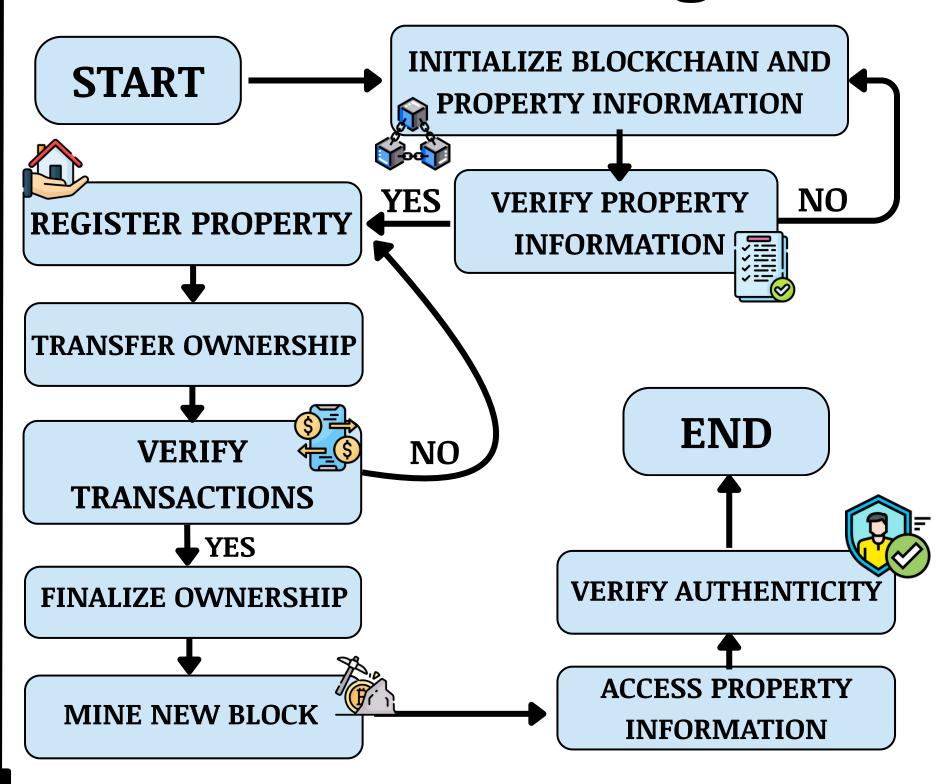


Proposed Solution

PlotChain is a decentralized platform that uses **blockchain** to **securely store and verify land records**, replacing outdated paper systems with a transparent and efficient digital solution. It brings together the following features:

- **Blockchain** for secure, tamper-proof land records.
- **Smart contracts** to automate ownership transfers and reduce fraud.
- Faster transactions for more efficient property dealings.
- Transparent records with 3D interactive land views.

WorkFlow Diagram

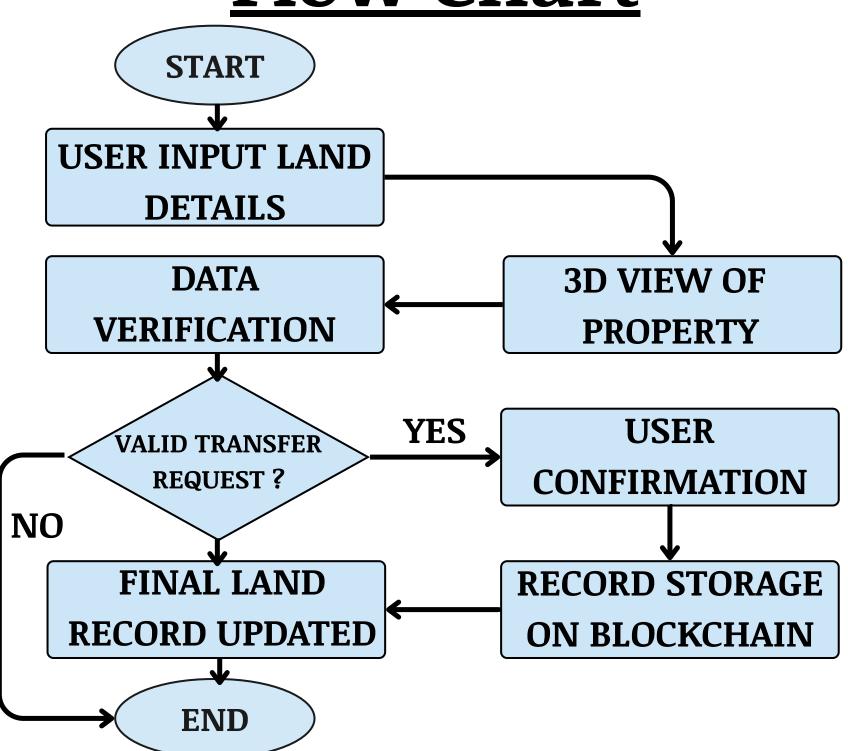




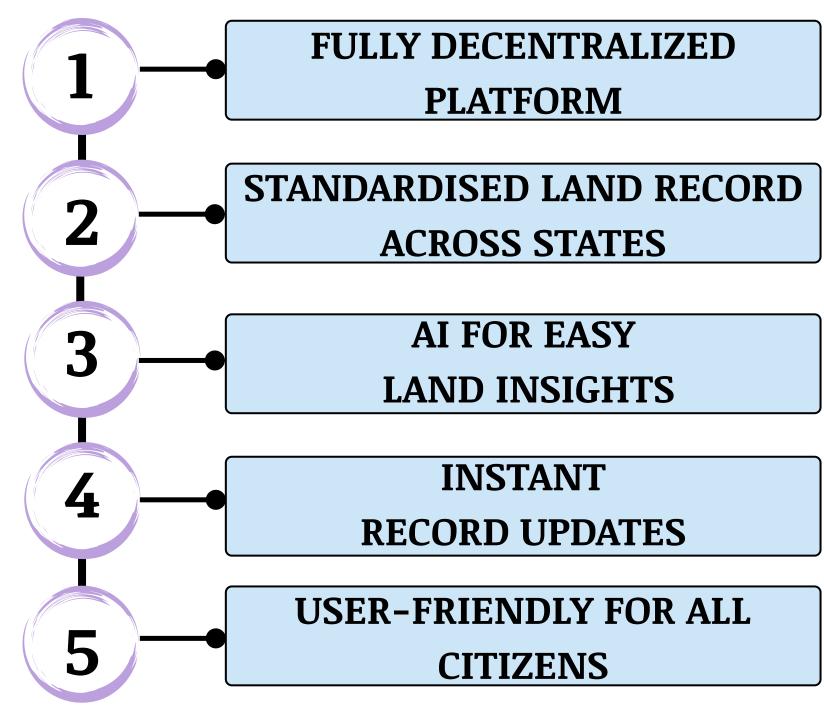
TECHNICAL APPROACH



Flow Chart



Usp's



TECH STACK:

















FEASIBILITY & VIABILITY



Technical Feasibility

Uses proven
blockchain, 3D
mapping, and AI
for a robust
system.

Operational Feasibility

Features an
intuitive interface
for both government
and public use.

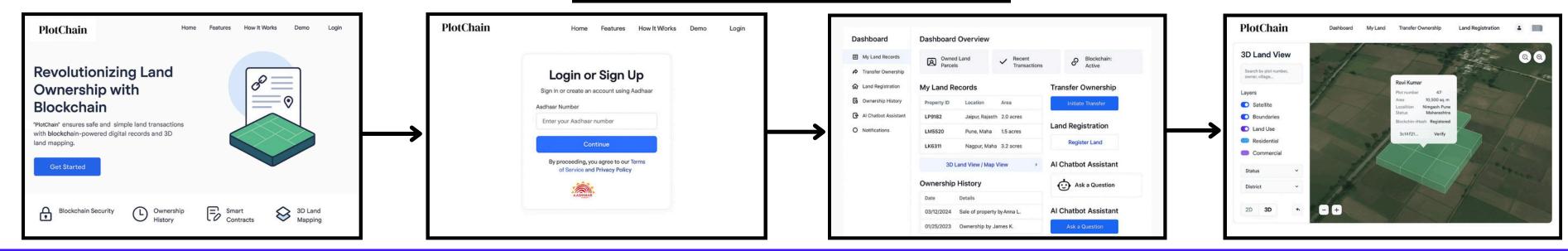
Legal & Regulatory Feasibility

Meets digital land record and legal standards.

Financial Feasibility

Cuts costs through automation and opens revenue through efficient processes.

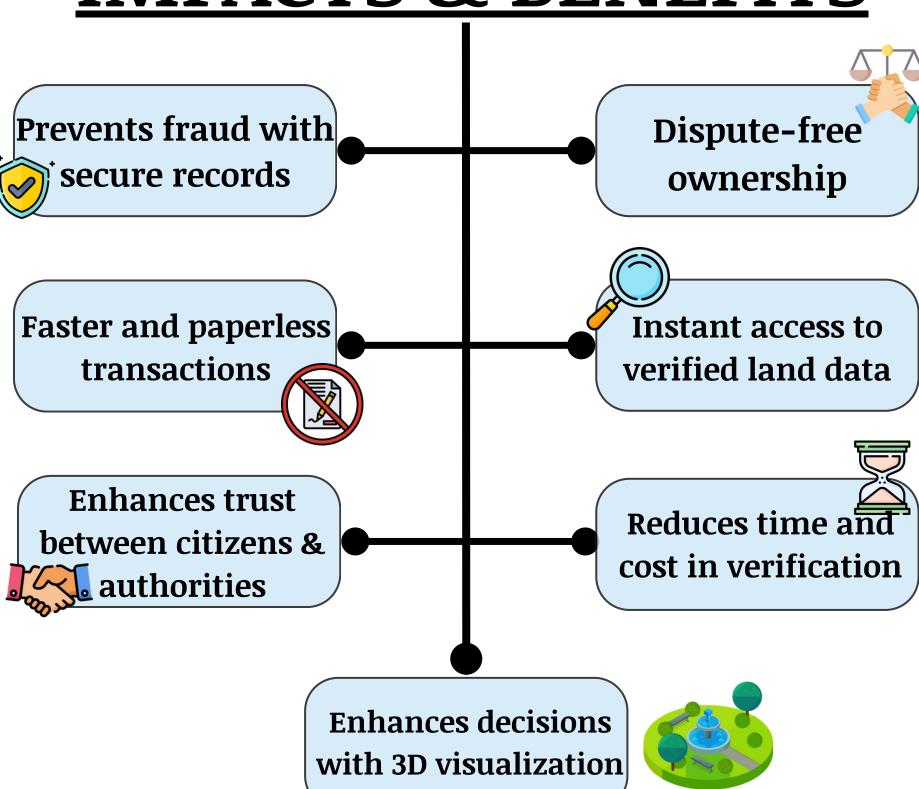
USER INTERFACE

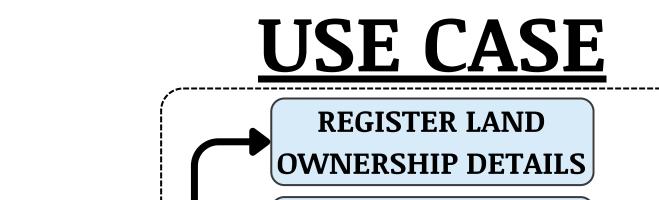


BroCodes



IMPACTS & BENEFITS





VERIFICATION

BUY/SELL THEIR

LAND

KYC

USER VIEW LAND
DETAILS IN 3D

MANAGE USER DATA

SECURITY & MAINTENANCE

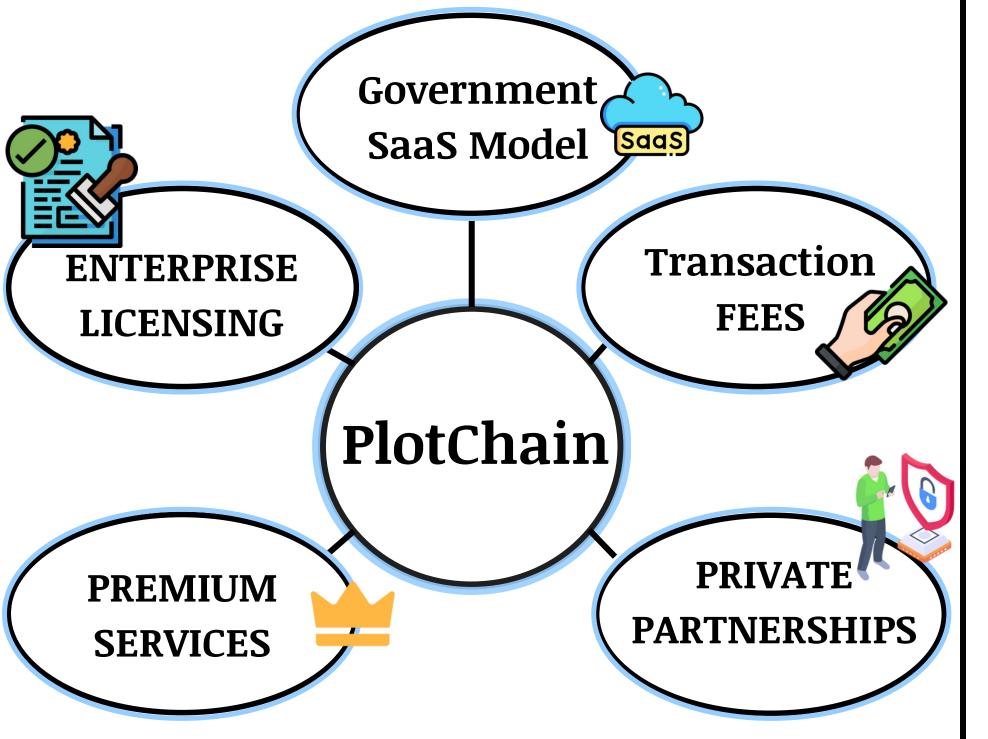
UPDATE AI MODEL & DATABASE

VERIFY LAND
OWNERSHIP DETAILS





BUSINESS MODEL





RESEARCH & REFERENCES

Sources that support the relevance, feasibility and innovation behind PlotChain:

• Government Initiative on Land Digitization

LINK: dolr.gov.in/dilrmp

• Global Report on Land Governance in India

LINK: bit.ly/worldbank-land

• NASSCOM: AI in Public Sector Governance

LINK: bit.ly/nasscom-ai

• Pathway: Real-time AI Data Infrastructure

LINK: <u>pathway.com</u>