

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Problem Statement : India's land record system is **outdated** and **paper-based**, making it vulnerable to **manipulation**, **fraud**, and **ownership disputes**.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

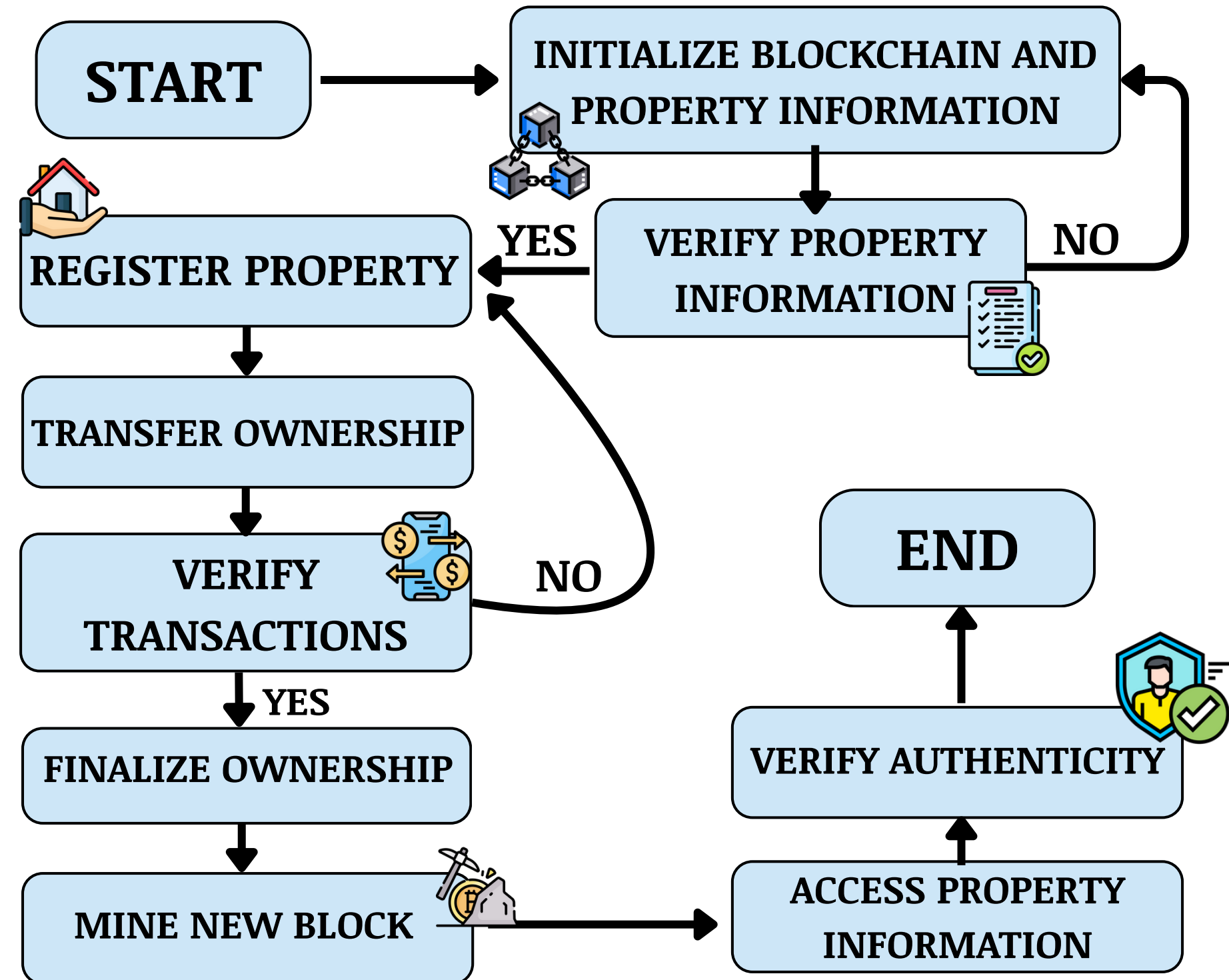


Proposed Solution

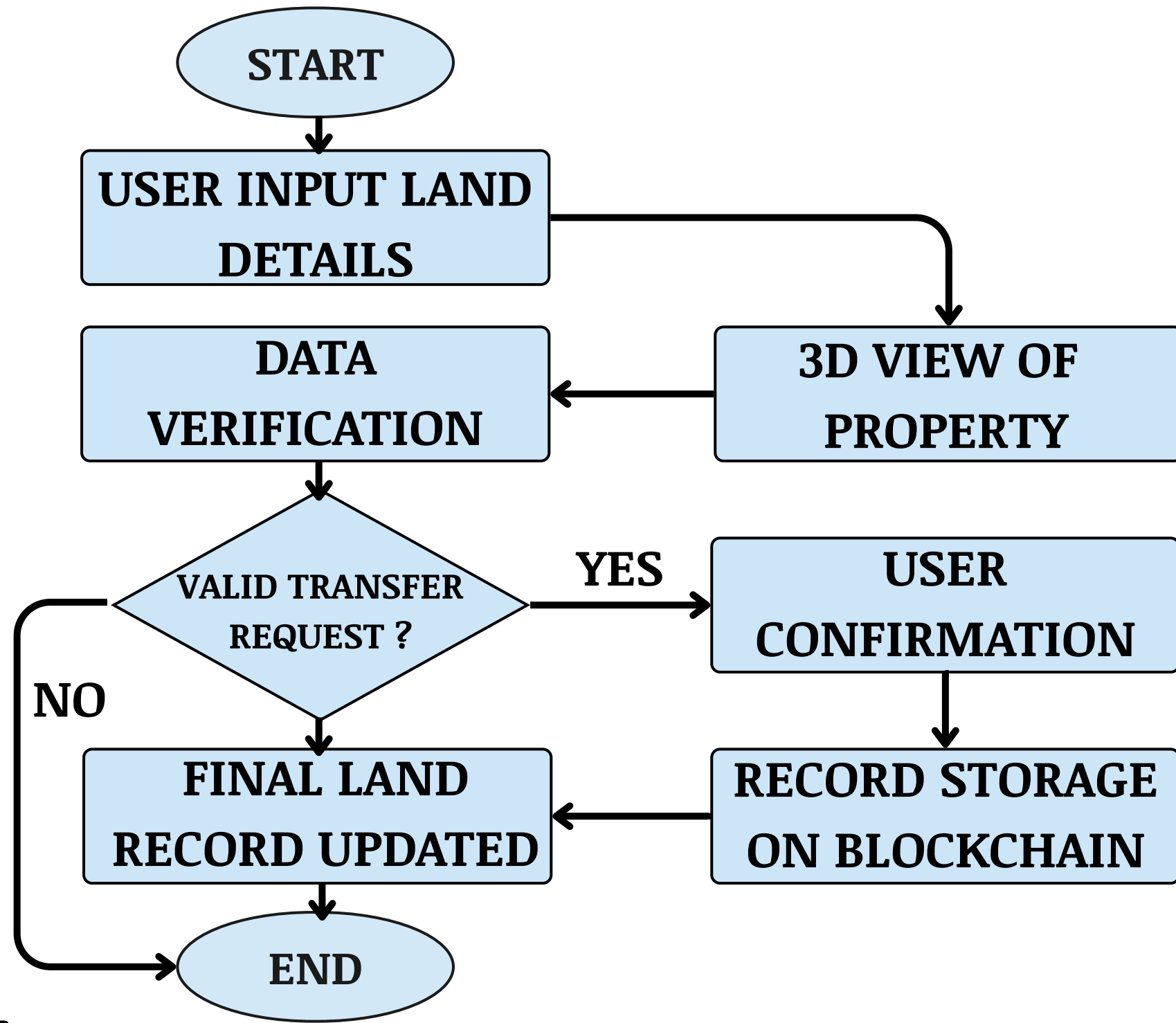
PlotChain is a decentralized platform that uses **blockchain** to **securely store and verify land records**, replacing outdated paper systems with a transparent and efficient digital solution. It brings together the following features:

- **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.

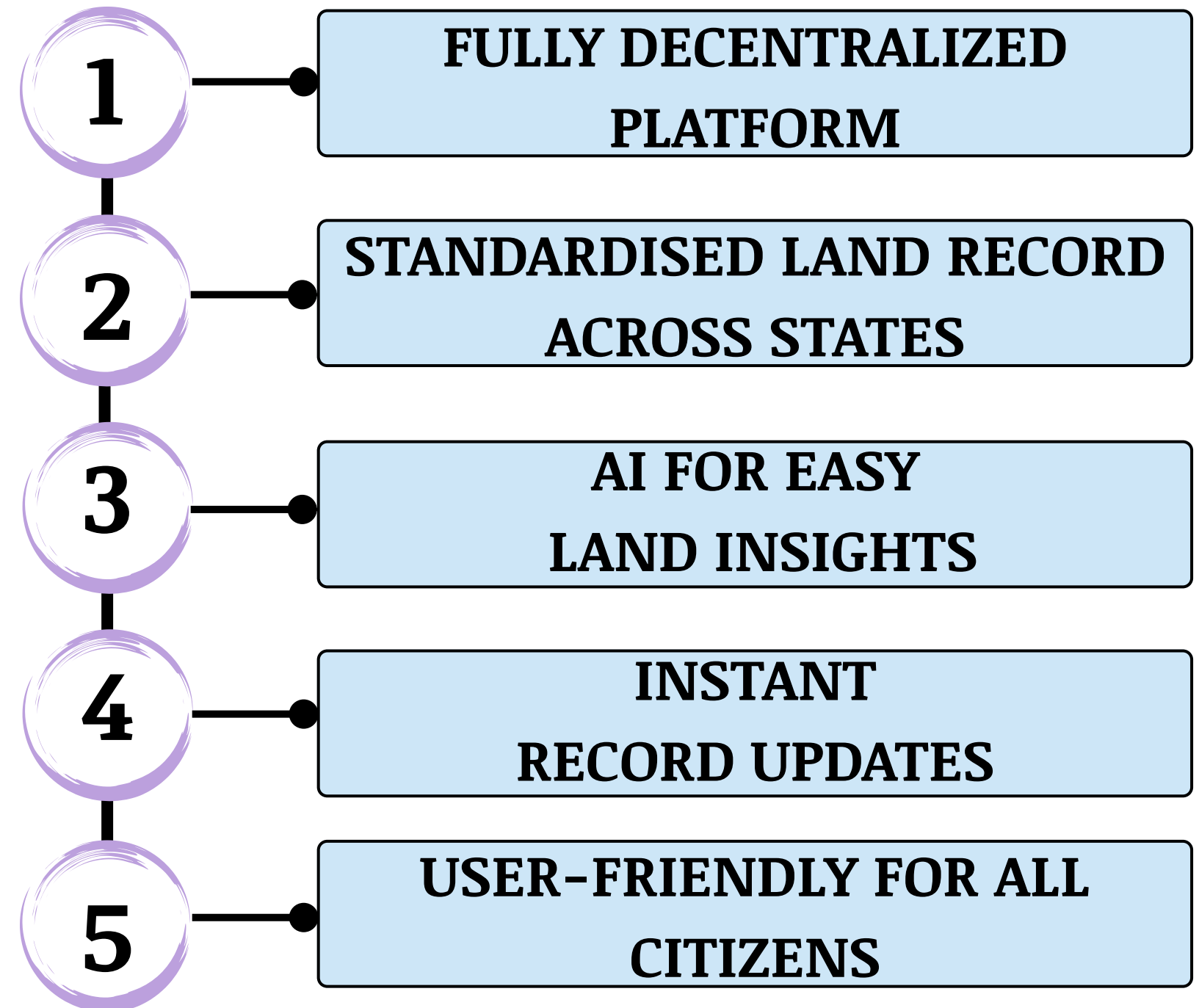
WorkFlow Diagram



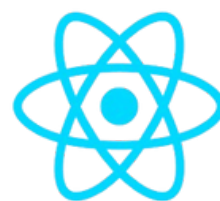
Flow Chart



Usp's



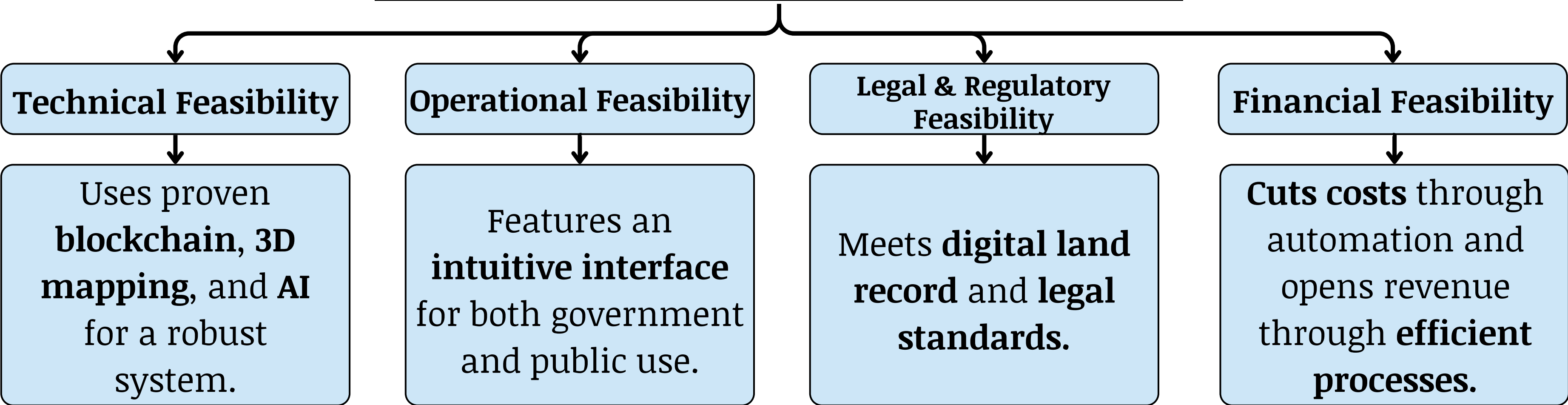
TECH STACK :



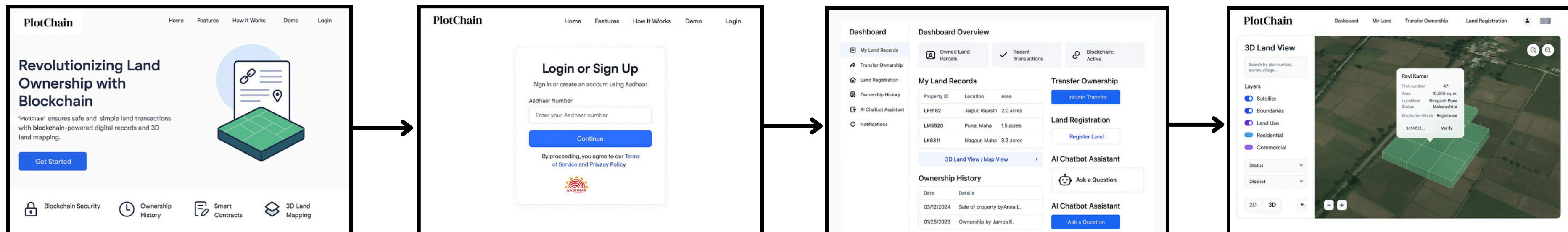
METAMASK



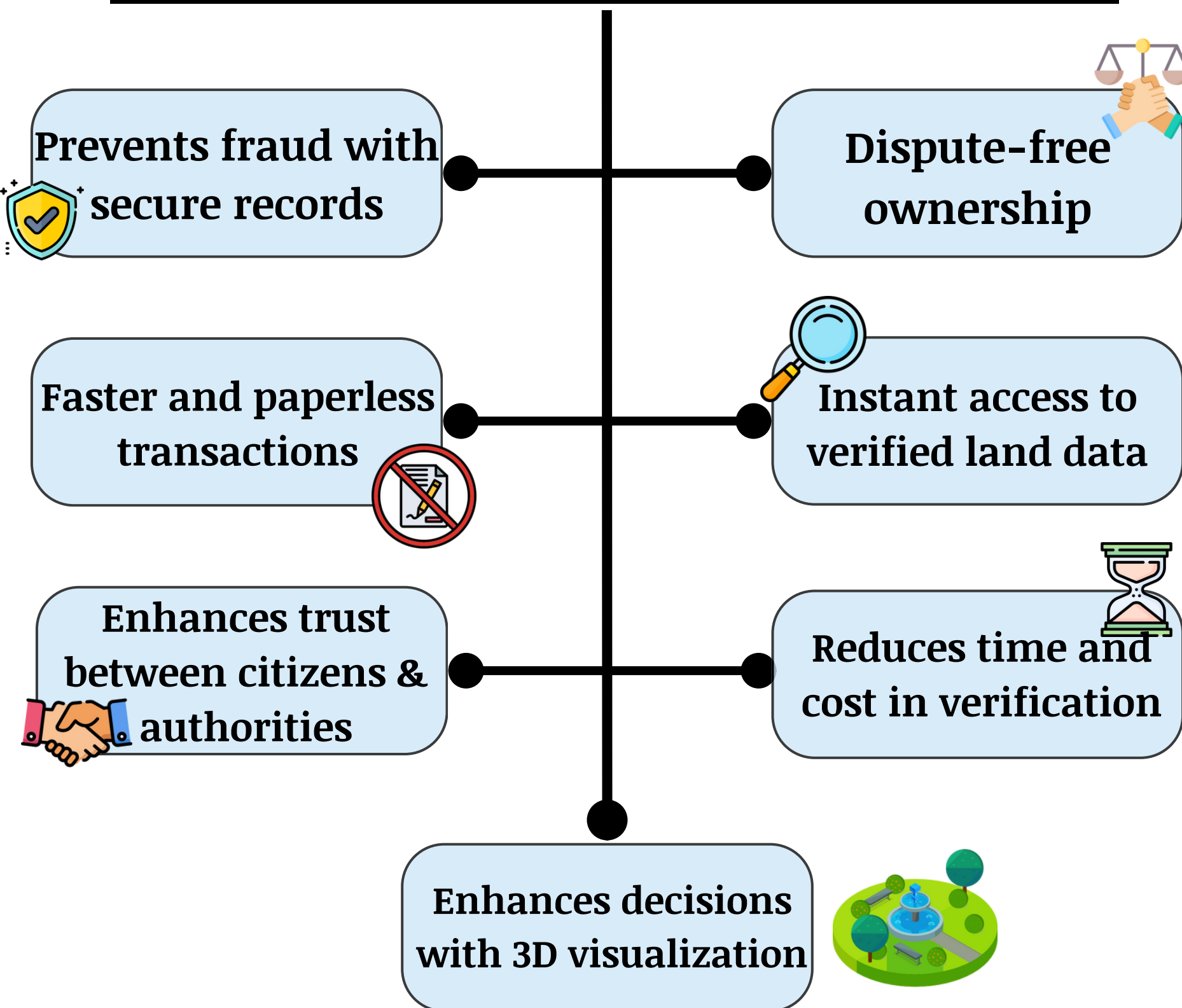
FEASIBILITY & VIABILITY



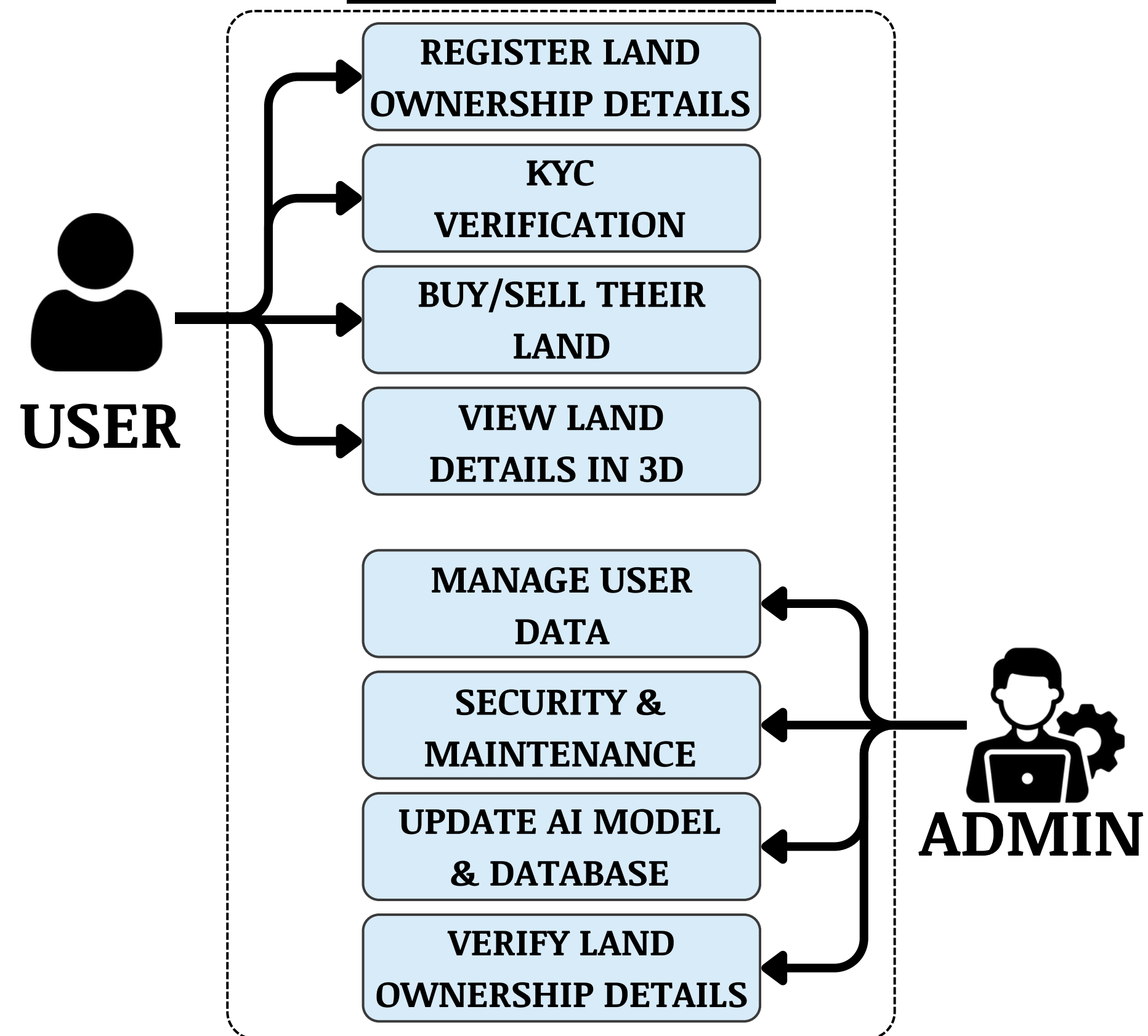
USER INTERFACE



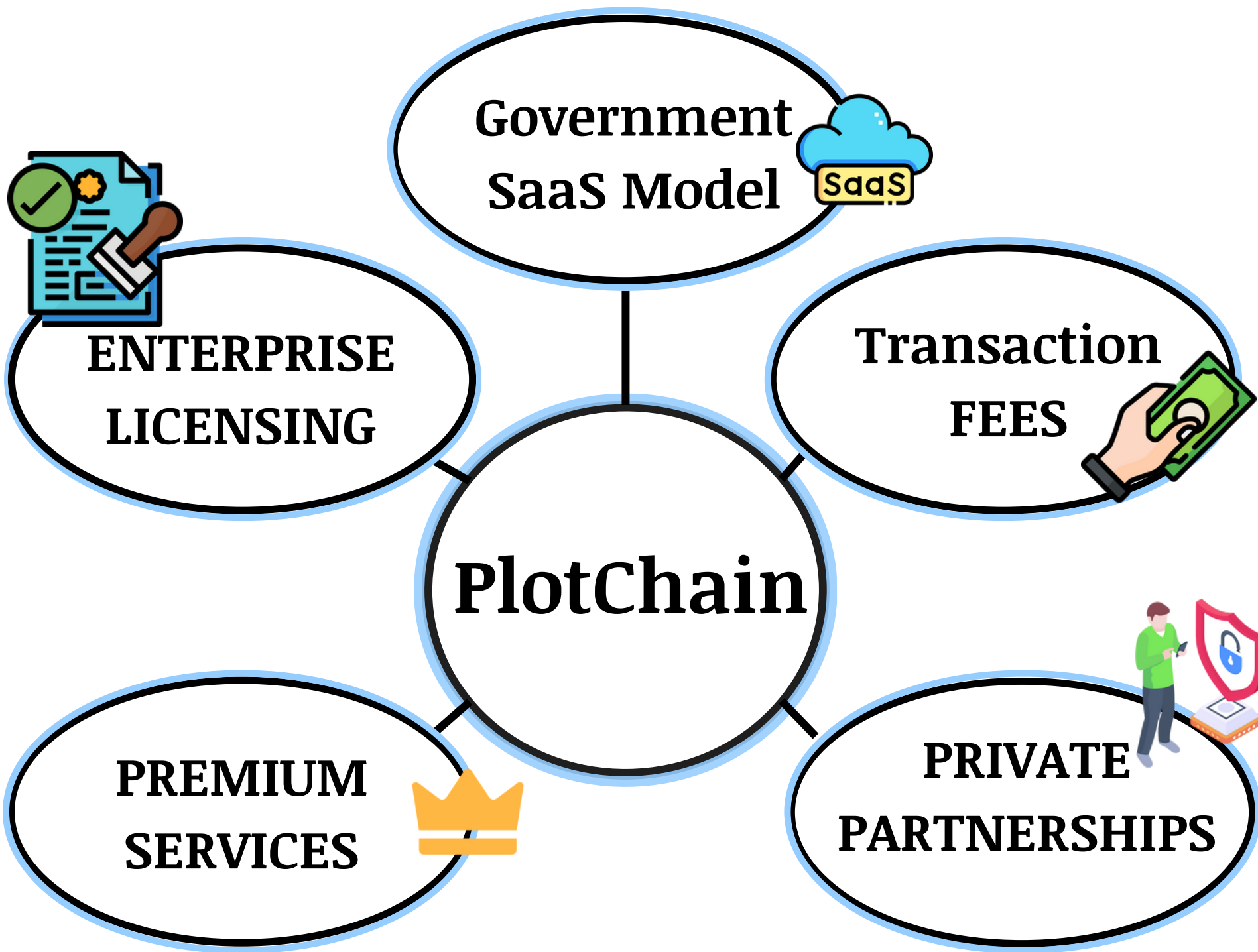
IMPACTS & BENEFITS



USE CASE



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 : pathway.com