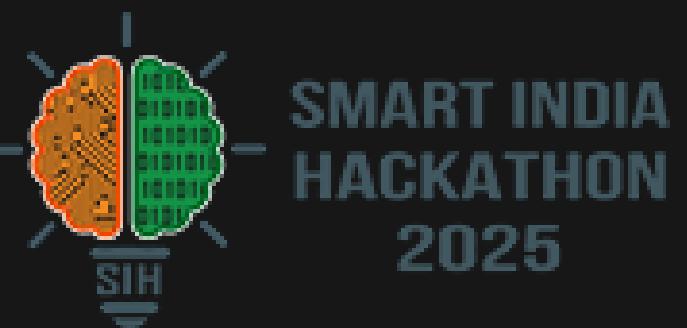


SMART INDIA HACKATHON 2025

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Problem Statement ID - SIH 25152

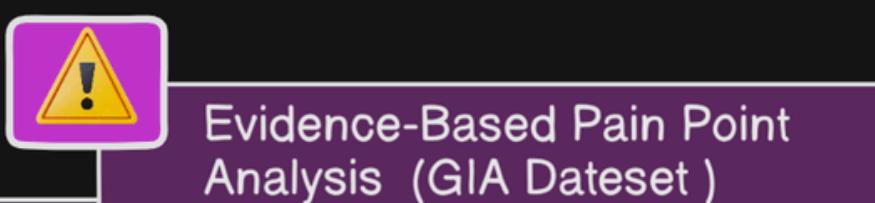
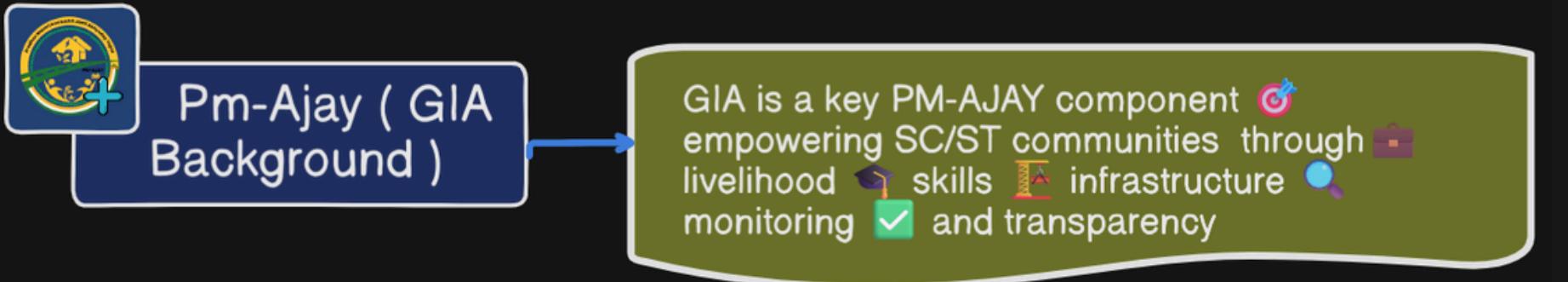
**Problem Statement Title - Digital Mechanism for
Beneficiary Identification under
Grant-in-Aid (GIA) Component**

**ThemePS Category - Smart Education
Software/Hardware**

Team ID - 54553

Team Name - Quba

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AI-Centralized Digital Beneficiary Identification & Tracking Mechanism under PM-AJAY (GIA)									
AI-driven centralized system for transparent, accurate, and inclusive GIA beneficiary management.									
Our Solution									
Digi Sanchalan									
Smart Fund & Project Flow Engine (AI + PFMS Integrated)									
AR + QR-Based Transparency & Feedback Layer									
Centralized AI Governance & Validation Console									
Beneficiary & Field Intelligence System (GIS)									

Budget Overshoot & Fund Mismanagement Risk
Sanctions 3x-4x allocation, no budget ceilings, no PFMS sync risk of mismanagement.

Lack of Evaluation & Rejection Mechanism
97-100% sanction rate indicates no evaluation or rejection mechanism in place.

S.No.	Proposal Year	State	No. of projects submitted	National Allocation (₹ in Lakh)	FYs wise break-up (₹ in Lakh)	Sanctioned Projects	Intervention wise Projects	Sanctioned Projects Amount (₹ in Lakh)
1	2022-2023	BIHAR	7	6,338.8600	2022-2023: 3,664.2533 2023-2024: 13,180.0322 2024-2025: 2,285.9200	7	Income: 1 Skill: 3 Infra: 3 Tutoring: 0 Hybrid: 0	8,834.2055
2	2022-2023	KARNATAKA	238	4,228.9600	2022-2023: 17,354.0432	238	Income: 17 Skill: 13 Infra: 208 Tutoring: 0 Hybrid: 0	17,354.0432

No real-time tracking, pending UCs, delayed approvals, opaque funds, invisible beneficiaries without AI, projects stall and leak.



Infrastructure-Dominate Spending, Unbalanced Allocation
90% funds in construction indicates no balance or diversification in project mechanism.

f y (2022-23)
Total: 1,000 22,691.4000

56,043.2159 1,000 45,679.9602

f y (2023-24)
Total: 7,918 71,170.3100

2,96,397.8955 7,739 2,92,986.4550



Lack of Transparency and Accountability in Fund Utilization
Lack of Transparency & Accountability leads to fund misuse, missing UCs, and zero audit trail.



AI-Centralized Digital Beneficiary Identification & Tracking Mechanism under PM-AJAY (GIA)
AI-driven centralized system for transparent, accurate, and inclusive GIA beneficiary management.

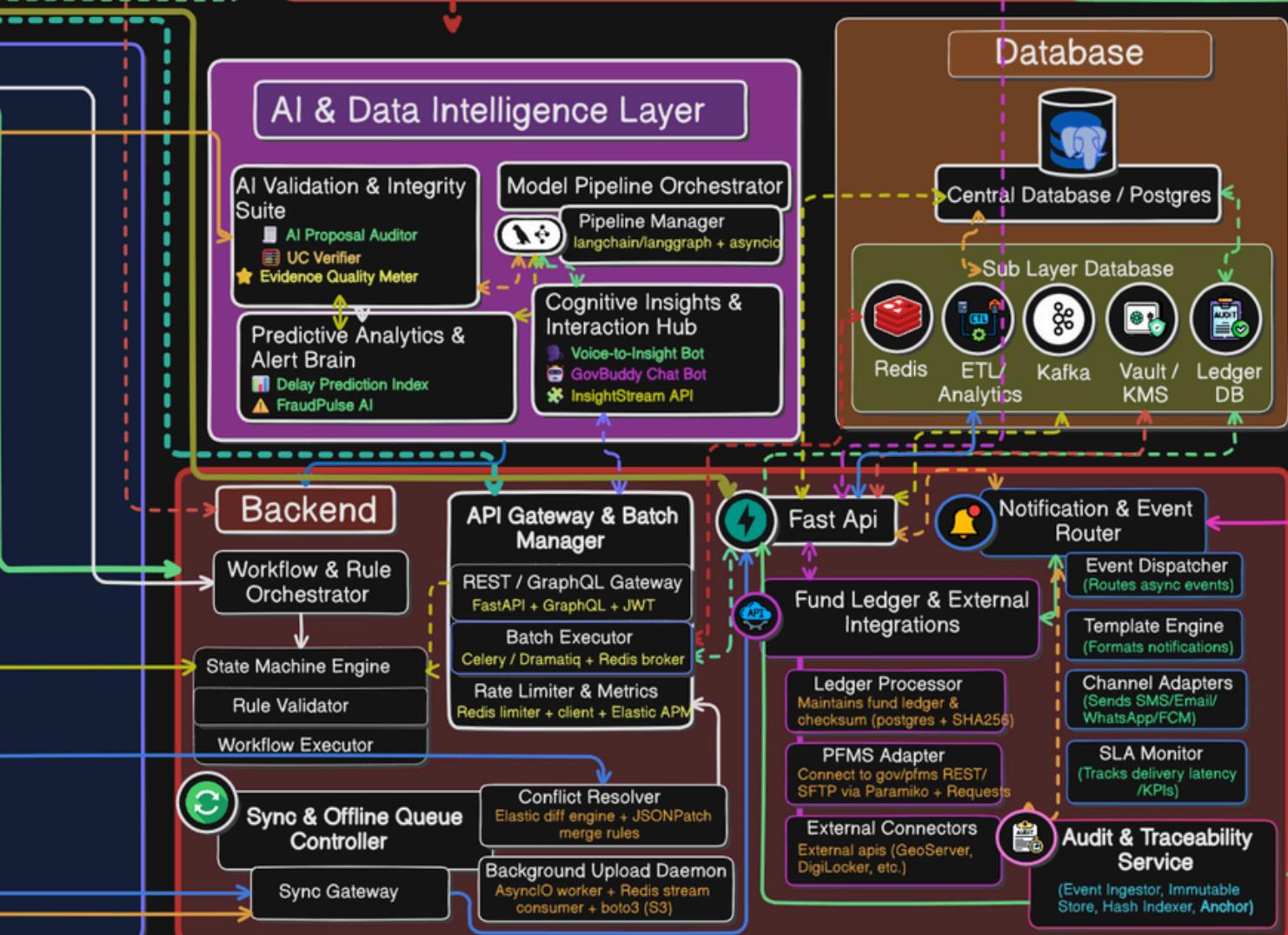
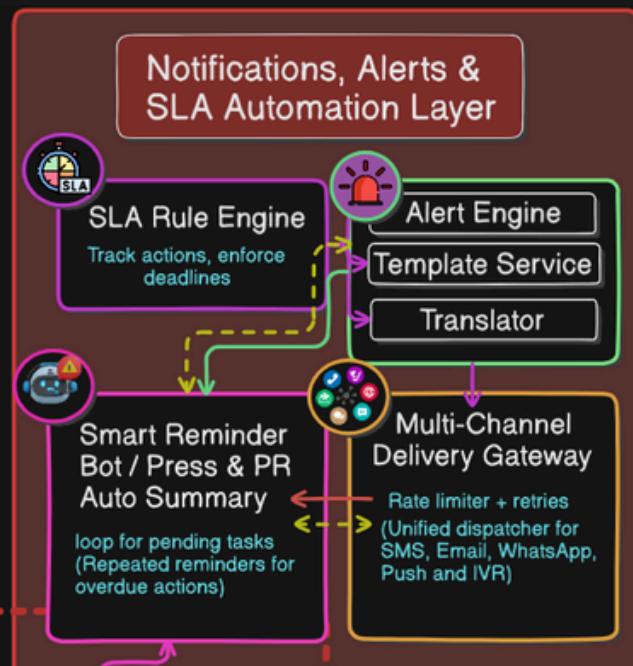
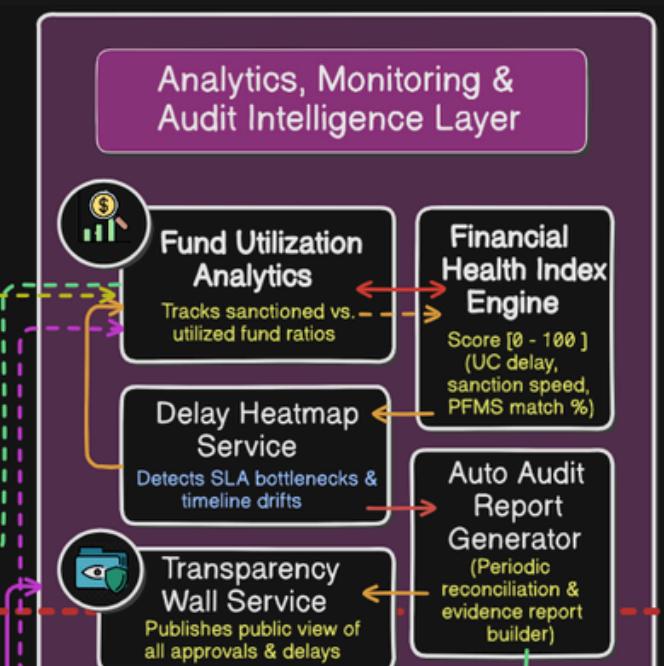
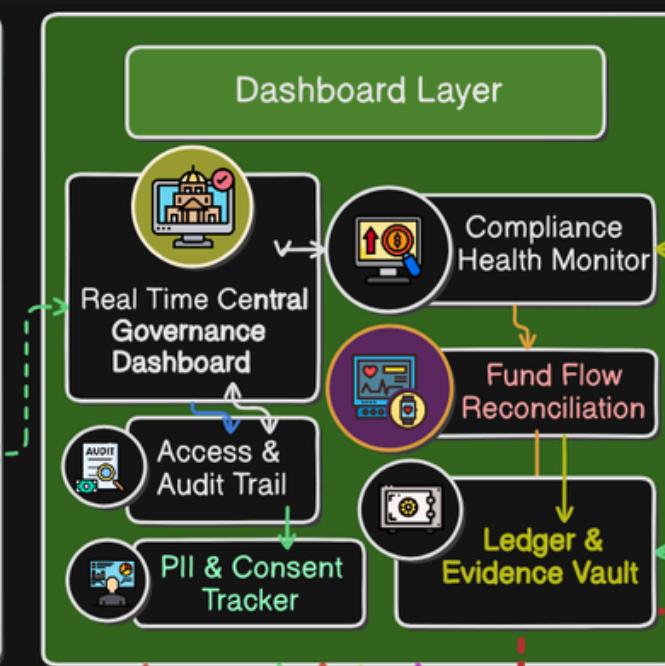
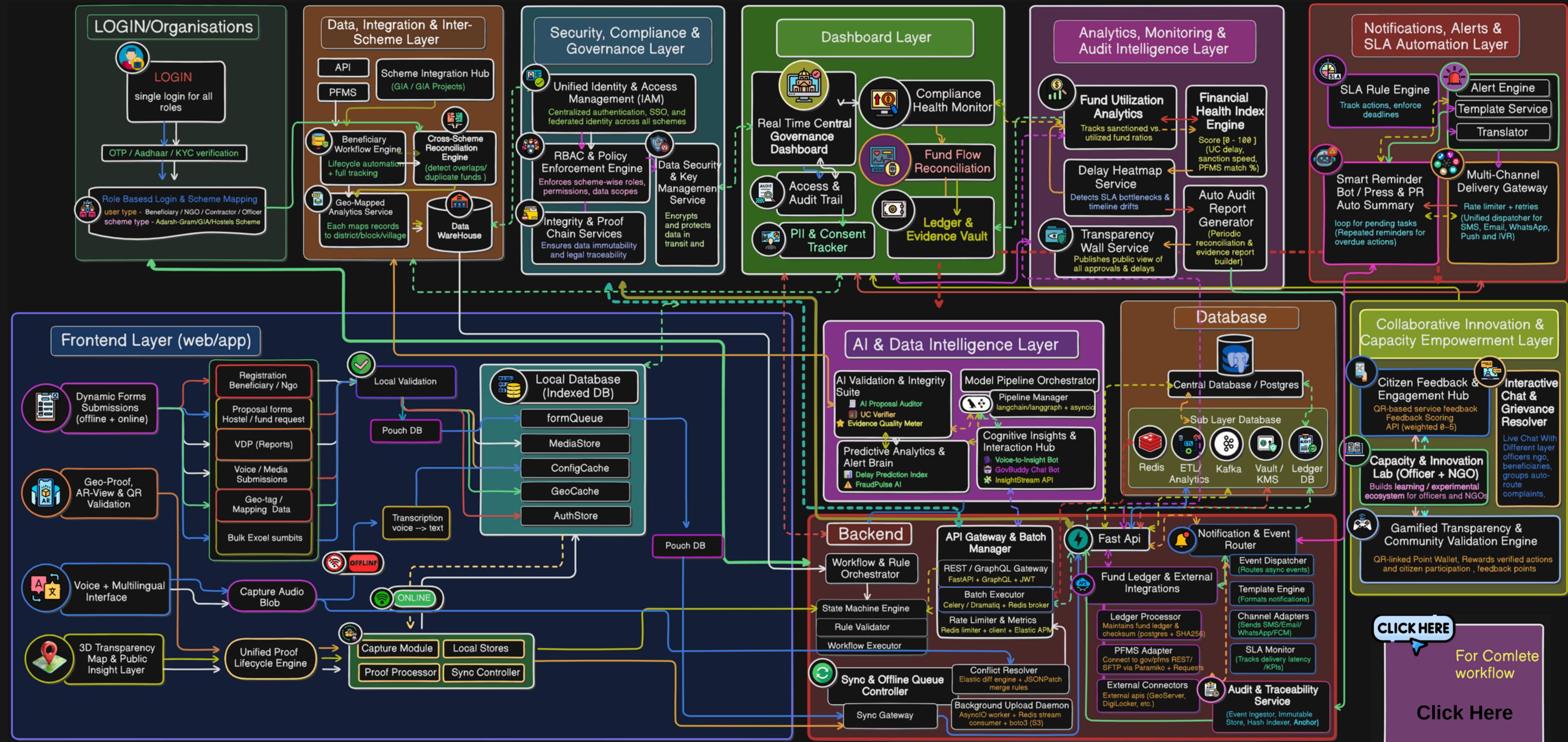
Smart Fund & Project Flow Engine (AI + PFMS Integrated)
AI-Synced Fund Engine ensures real-time, transparent, leak-proof governance via auto-reconciliation, blockchain audit, and public transparency API.

Centralized AI Governance & Validation Console
Centralized AI Governance & Validation Console unifies validation, utilization, forecasting, and anomaly detection seamlessly.

AR + QR-Based Transparency & Feedback Layer
Scan any GIA project to track 3D progress, fund flow, live milestones, and AR view of hostels or skill projects in real-time tracking.

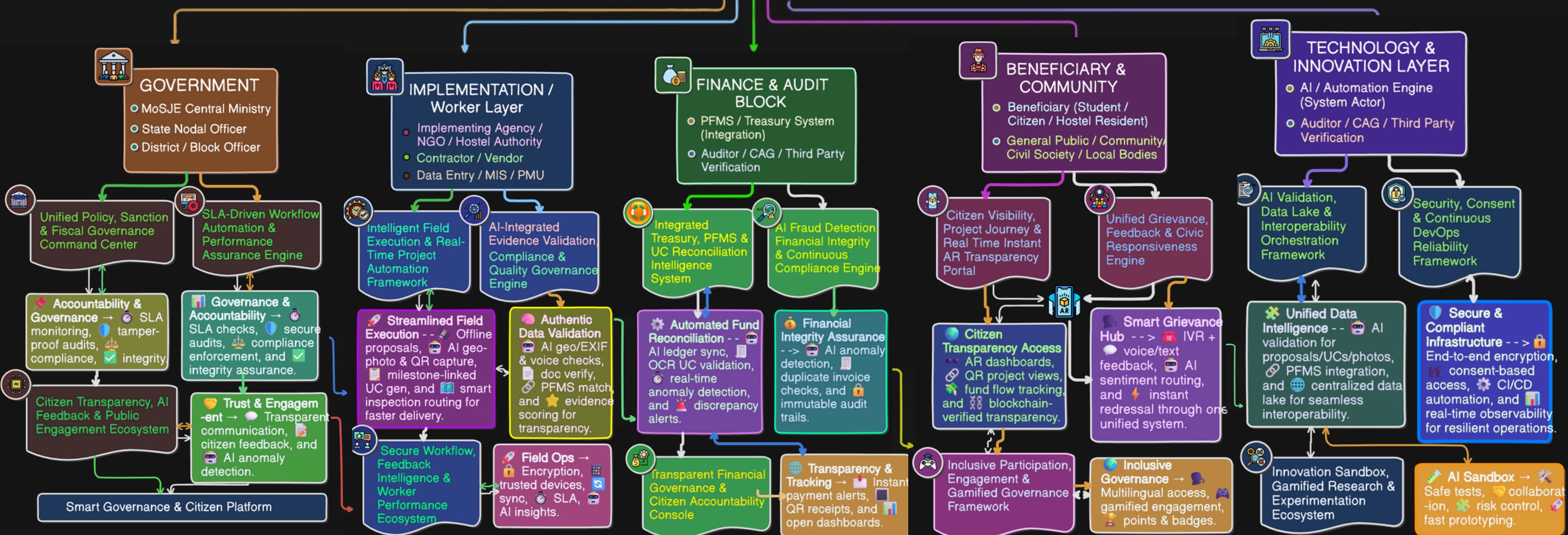
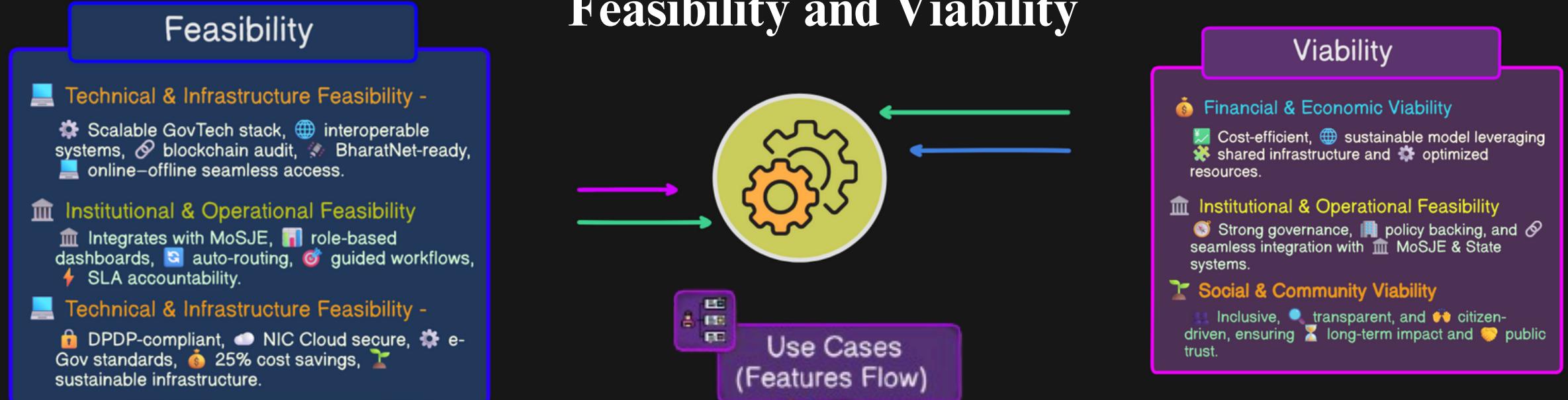
Beneficiary & Field Intelligence System (GIS)
AI-based geo app ensures verified, real-time beneficiary tracking and updates.

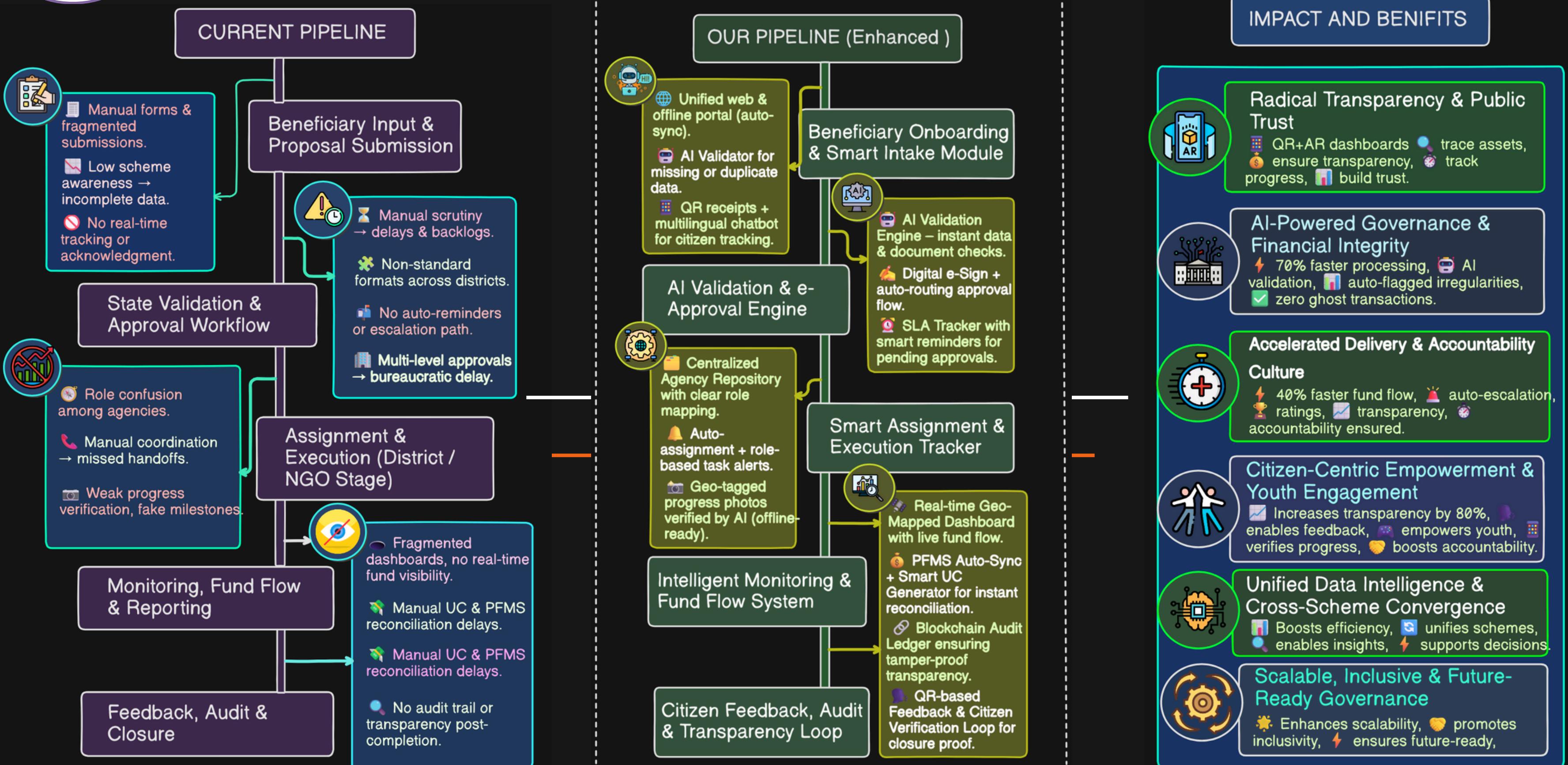
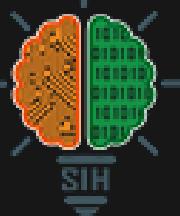
TECHNICAL APPROACH

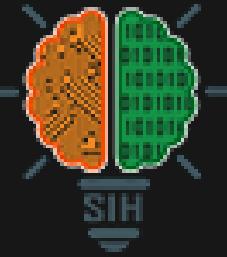


CLICK HERE For Complete workflow
Click Here

Feasibility and Viability







RESEARCH AND REFERENCES



Challenges /Overcomes

- High Data Load -> Solved using batching and auto-scaling
- Data Security Risks -> Mitigated with encryption and vault KMS.
- Rural Connectivity Gaps -> Handled via offline sync modules.

Research and References

Click here to see Research Repository

[Click Here](#)

Click here to see Internal Research

[Click Here](#)



Scan this Qr to see Real Time Project Status and Monitoring