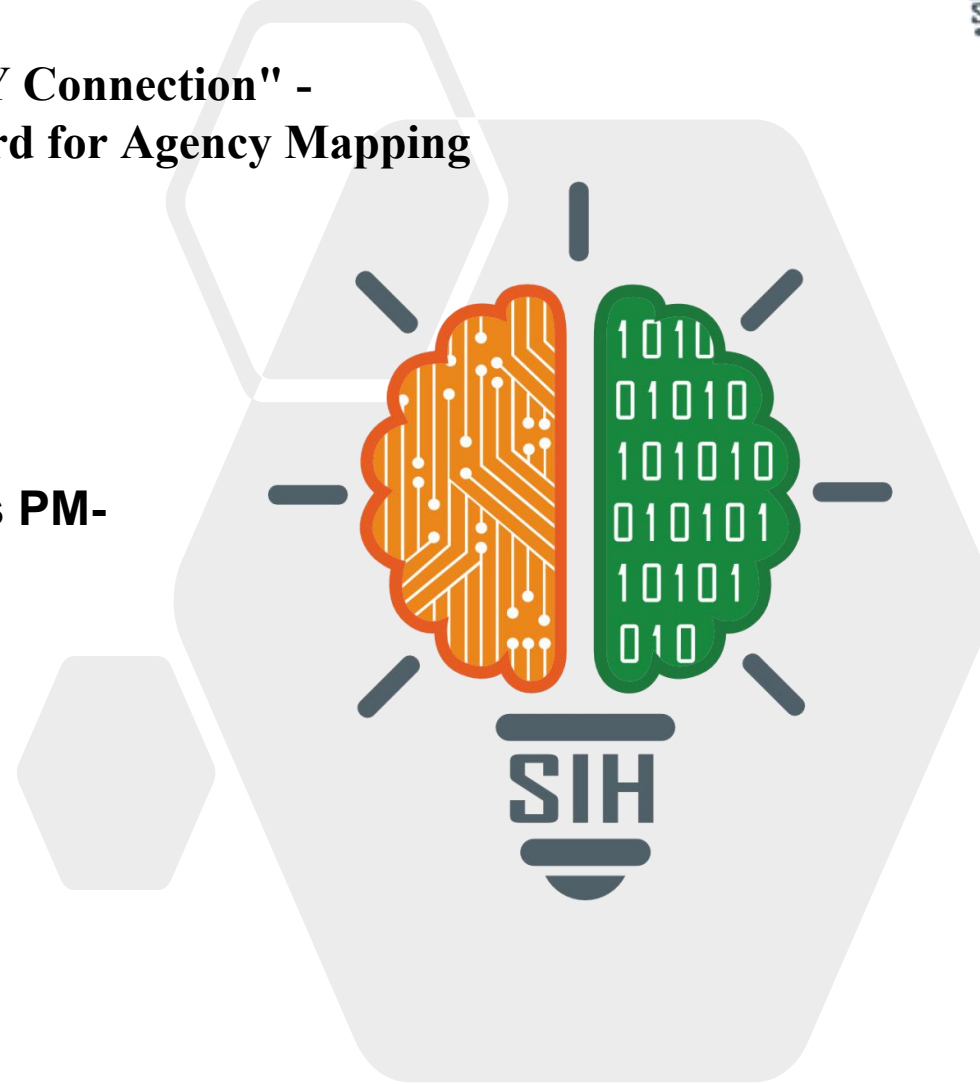


SMART INDIA HACKATHON 2025



"PM-AJAY Connection" - One Nation, One Dashboard for Agency Mapping

- **Problem Statement ID** –25153
- **Problem Statement Title**-Mapping of
Implementing and Executing Agencies across PM-
AJAY Components
- **Theme**- Smart Automation
- **PS Category**- Software
- **Team ID** –65856
- **Team Name** - DarshanGo





"PM-AJAY Connection" - One Nation, One Dashboard for Agency Mapping

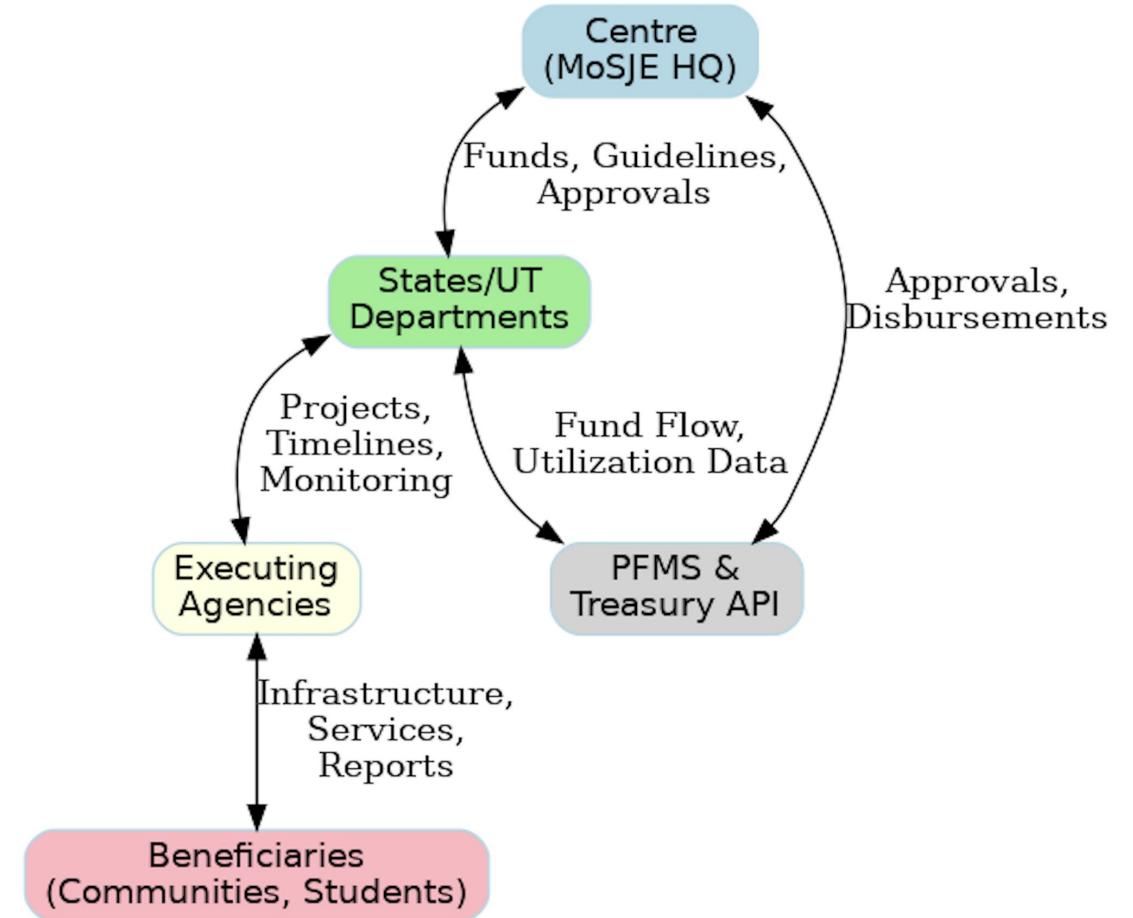
PROPOSED SOLUTION:

- **Central Agency Repository:** All implementing & executing agencies are housed in a searchable central database.
- **Dynamic Mapping Dashboard:** Interactive state/UT-wise map to track projects, agencies, funds, and timelines.
- **Upwork/task-based workflows:** Using digital tools, roles are established to define tasks, deadlines, and where to escalate.
- **Smart Communications Hub:** Built-in messaging & notifications from Centre - State - Agencies.
- **Time-sensitive Fund-Flow Checkpoint:** Visual checkpoint for approvals, releases, and utilizations certificates.
- **Analytics / Reporting :** AI tracked performance including progress alerts for bottlenecks and compliance scores.

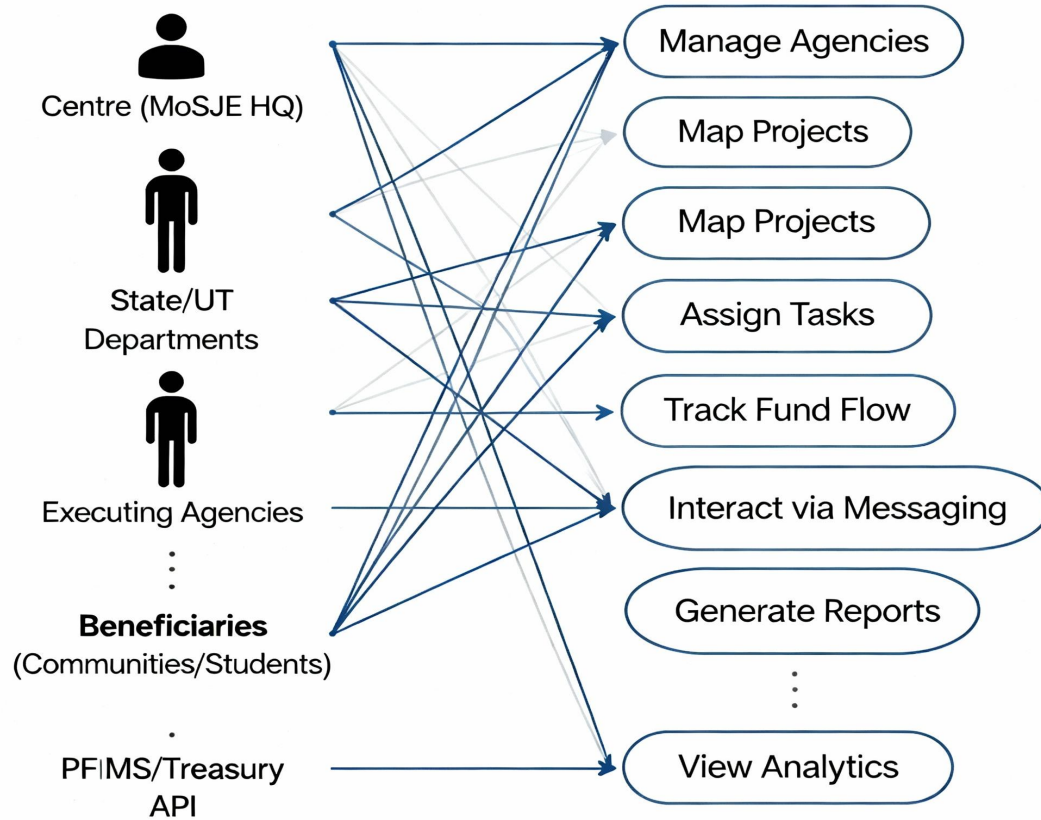
UNIQUENESS:

- First integrated system covering all 3 components of PM-AJAY.
- Accountability graph at every level from state through village.
- Purpose built for transparency, inclusivity, and rapid decision making.

PROCESS FLOW



USE CASE DIAGRAM



Component	Description
Architecture	Cloud-hosted web portal + secure mobile app for field officers
Frontend	React / Angular UI with multilingual support
Backend	Node.js + Express / Django REST APIs with RBAC & audit logs
Database	PostgreSQL (agencies, roles, funds, timelines)
GIS Mapping	Leaflet/Mapbox for live project-agency geo-visualization
Fund-Flow Integration	API links to PFMS / state treasury systems
AI & Analytics	Python-based anomaly detection & predictive delay alerts

Prototype: <https://photos.app.goo.gl/VeHKPdwMTRgXUKkL6>

FEASIBILITY AND VIABILITY

Feasibility	Viability
<ul style="list-style-type: none">• Digital Stacks Utilizes government digital tools such as DigiLocker, PFMS, and API-based tools, all of which facilitate seamless sharing of data with the Centre, States, and agencies.• GIS and Cloud Technology Based on established GIS dashboards and cloud-based technology that can scale with no new hardware requirements required.• Offline Sync Built for areas with low connectivity, the system automatically syncs when the network is restored.	<ul style="list-style-type: none">• Economic Guarantees low infrastructure expenditure by utilizing a clod-pay-as-you-go model and is easily scaleable for other central schemes.• Social Enables State and UT administrations to enhance development in villages and have an improved service delivery to communities.• Administrative Digitizes approvals and fund transfers to reduce paperwork, as well as provide a single, transparent source of truth.• Sustainability Utilizes a government-owned open-API platform to easily enable further expansion and onboarding of future welfare schemes.



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IMPACT AND BENEFITS



IMPACT

For MoSJE & States:

- Increased project visibility and fund tracking in real time.
- A reduced approval time, and quicker decision-making.
- Accountability with a digital audit trail in place.

For Implementing Agencies:

- More defined task allocation & reminders for timelines.
- Less duplication of effort & paperwork.
- Easy communication with all role-players.

For Communities / Beneficiaries:

- Faster project completion, with schools, hostels and upgraded villages sooner.
- A transparent way of showing how funds are spent enhances trust in the governance.

BENEFITS

Operational Benefits

Single destination mapping:

Creates a hub for all the implementing and executing agencies, removing confusion and potential duplication.

Swifter communication: Centre, States and agencies can communicate and share updates instantly, rather than digging through a mountain of emails and calls.

Faster execution: Projects will move faster because everyone knows what to approve and who is accountable from day one.

Intelligent funding visibility:

Financing will be visible in real-time, providing everyone with a view of the spending so that funding releases can be expedited.

Benefits of Governance & Transparency

Clear Accountability: There is clarity of accountability so that there are fewer delays and little chance of the blame game.

Open and Transparent: A shared visibility dashboard fosters trust and collaboration between the Centre, States, Agencies, and the public.

Better Decision-making: With everything in one place, leaders are able to react to urgent situations and are ready to implement more long-term plans using an efficient manner.

Audit-ready tracking: A central hub or system of record means that whenever tracking is needed, it becomes easy to show progress and compliance digitally.

FUTURE SCOPE:

- AI chatbots for rapid assistance to both officers and citizens.
- Blockchain-based ledger of all transactions/procedures to demonstrate security and trust.
- Inter-scheme Integration: Interface with PMAY-G, scholarships, skill development.
- Open Data Application Programming Interface for researchers and policy think-tanks.
- Expansion to other socio-justice schemes as a plug-and-play module.



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RESEARCH AND REFERENCES



- Ministry of Social Justice & Empowerment: <https://socialjustice.gov.in>
- PFMS Portal: <https://pfms.nic.in>
- NIC: <https://www.nic.in>
- Open Government Data Platform: <https://data.gov.in>
- Digital India: <https://www.digitalindia.gov.in>
- PM GatiShakti: <https://pmgatihshakti.gov.in/pmgatihshakti/login>