

# AI for Bharat Hackathon

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Team Name : SevaSetu AI

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Problem Statement : AI for Communities, Access & Public Impact

## Brief about the Idea:

SevaSetu AI is a multilingual, voice-first AI platform designed to bridge the gap between Indian citizens and government welfare schemes and public services. Millions of citizens fail to access schemes due to complex information, English-dominated platforms, low digital literacy, and lack of awareness.

SevaSetu AI enables citizens to discover, understand, and access government schemes through simple conversational interactions in their preferred Indian language.

**How is it different from existing solutions?**

- Existing portals are text-heavy and complex
- Most platforms are English-dominated
- Users must manually search and already know scheme names
- No conversational or voice-first support

**How does it solve the problem?**

- Citizens speak or type in their preferred language
- AI understands intent using NLP
- Relevant schemes are identified automatically
- Eligibility is checked through simple questions
- Step-by-step guidance is provided

**USP of SevaSetu AI**

- Voice-first access for low digital literacy users
- Multilingual conversational interface
- Eligibility-based scheme discovery
- AI-powered simplification of government information

## Key Features of SevaSetu AI



Voice Interaction  
(Text & Speech Input)



Multilingual Support  
(Hindi, English, Tamil)



Scheme Discovery  
(Auto matching  
schemes)



Eligibility Check  
(Simple Q&A process)



Location Filtering  
(State-based  
matching)



AI Simplification  
(Complex info →  
Simple language)

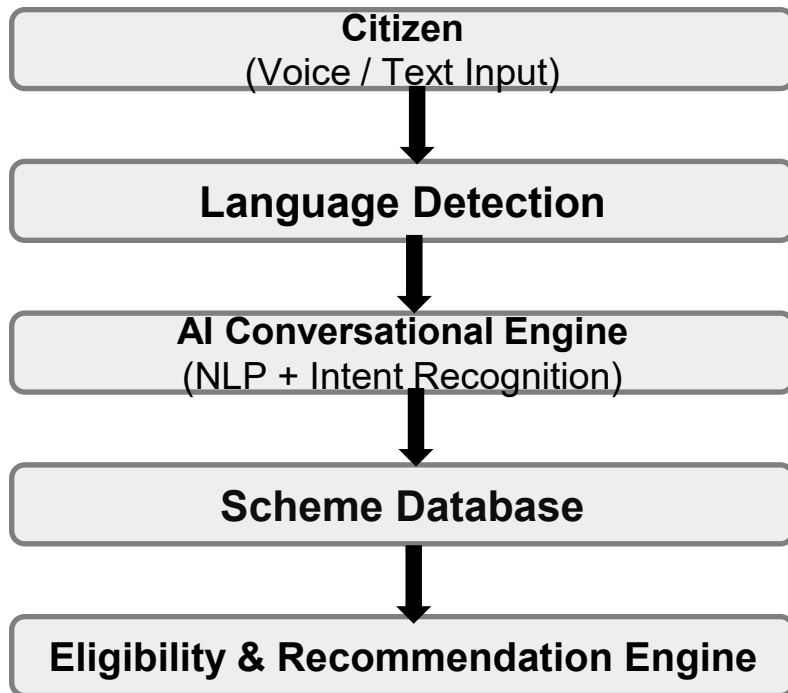


Application Guidance  
(Step-by-step help)



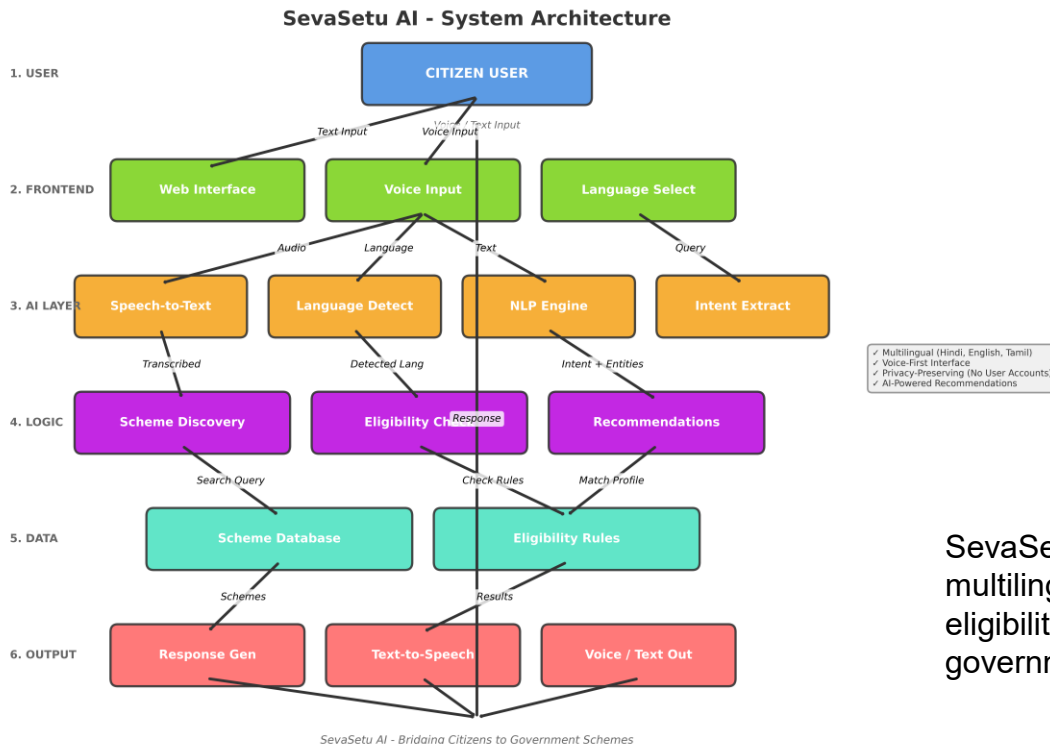
Privacy First  
(No mandatory login)

## Process Flow of SevaSetu AI



**Wireframes/Mock diagrams of the proposed solution (optional)**

## System Architecture Overview



SevaSetu AI integrates conversational AI, multilingual processing, and rule-based eligibility logic to provide personalized government scheme recommendations.

## Technology Stack

- Frontend: React / Flutter
- Backend: Python (FastAPI / Flask)
- AI/NLP: LLM (OpenAI / Gemini / LLaMA)
- Speech Processing: Whisper / Google Speech APIs
- Database: MongoDB / Firebase
- Deployment: AWS Cloud



## Estimated Prototype Cost

- Cloud hosting: Free tier / Hackathon credits
- AI API usage: Limited demo usage
- Development tools: Open-source

Estimated Cost: Low and hackathon-feasible.

## Public Impact

- Increases awareness of government welfare schemes
- Empowers non-English speaking citizens
- Improves access for rural and elderly communities
- Promotes inclusive digital governance

## Future Scope

- Expand to all Indian languages
- Integrate with government portals
- Deploy via WhatsApp and IVR systems
- Enable real-time scheme updates

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Thank You

