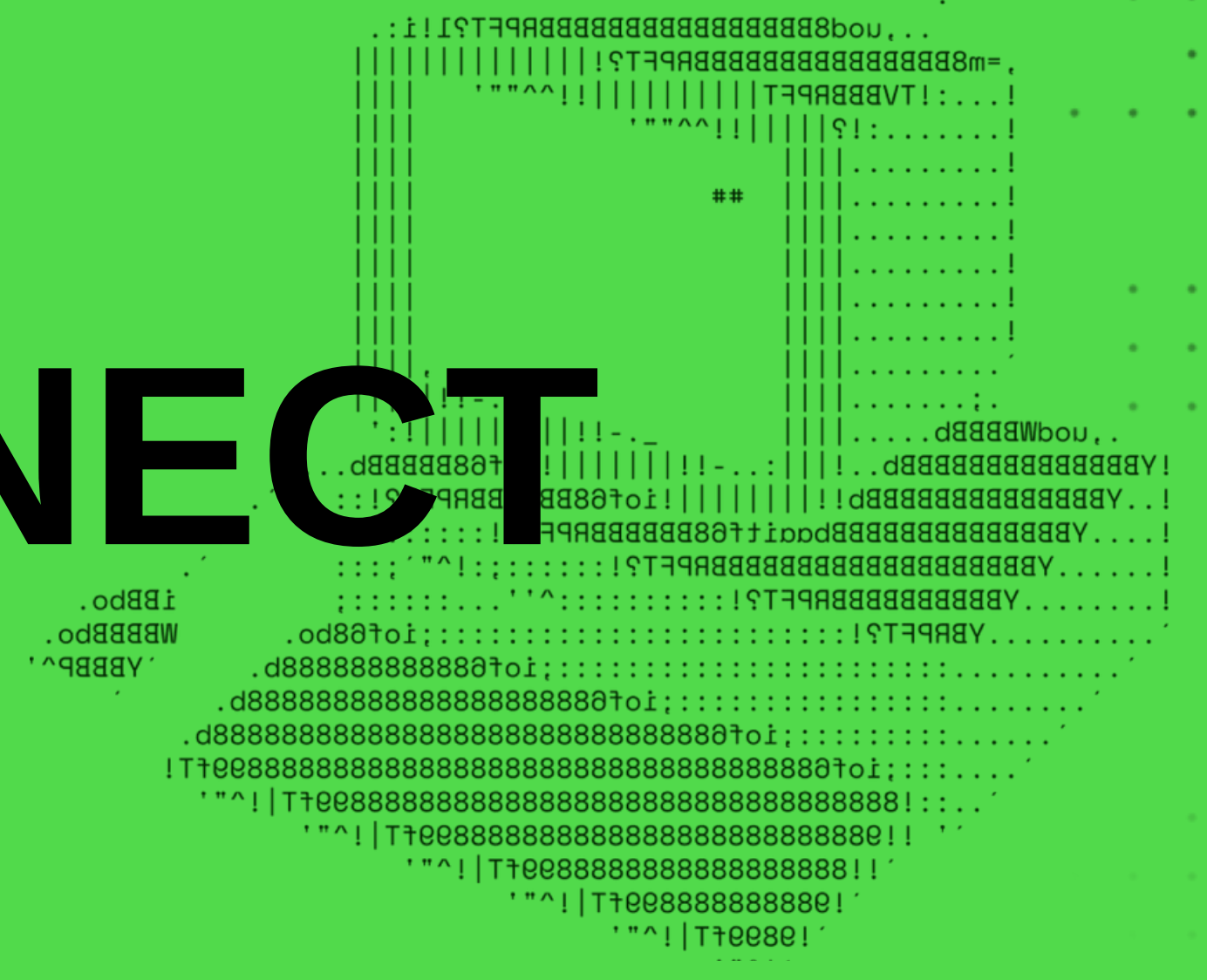


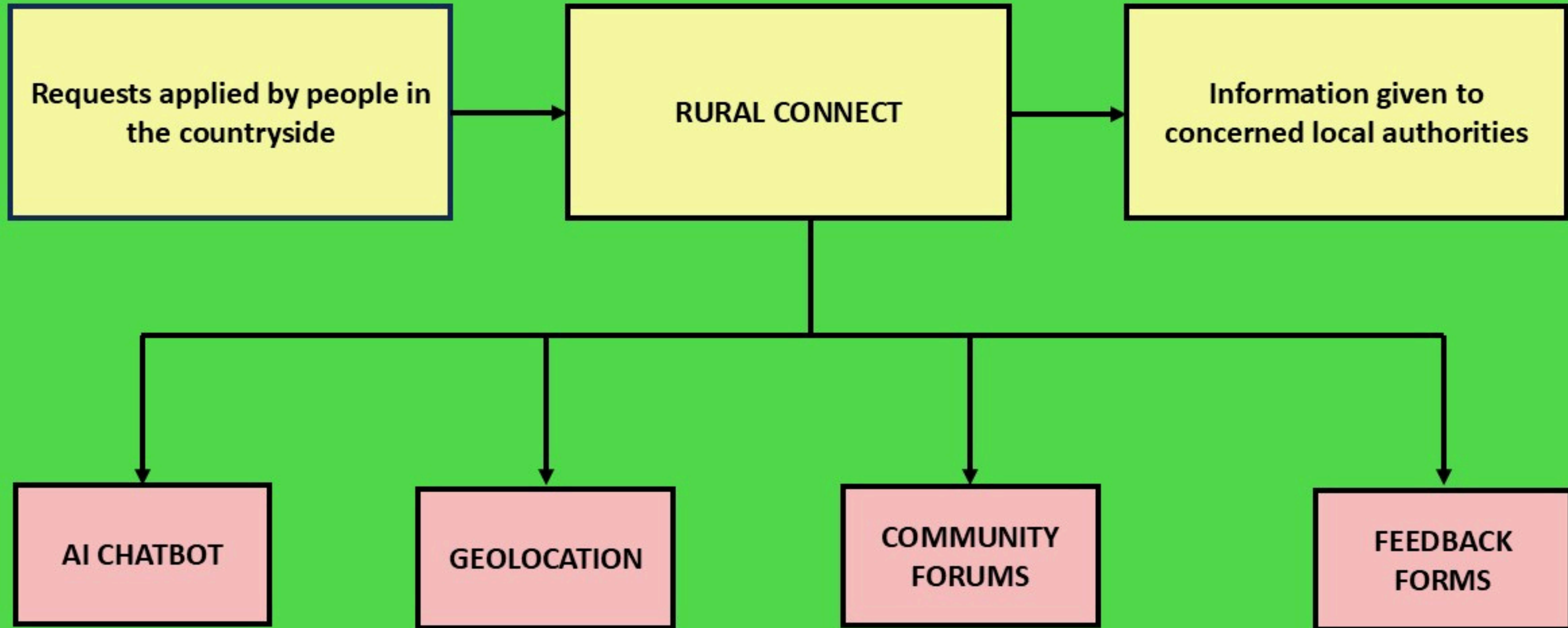
> RURAL CONNECT



SOLUTION OVERVIEW

- **Problem :** Insufficient communication channels in rural areas creates a gap between the community's infrastructure needs and the delivered outcomes, leading to unmet expectations and hindered development.
- **Solution :** Create a platform where rural users can submit infrastructure grievances and receive solutions from local authorities or community members, aided by geolocation, a discussion forum, and an AI chatbot for instant support.
- **Innovation :** Integrating new technologies like AI chatbot.
- **Uniqueness :** Incremental innovation over existing forums by integration of AI chatbot, geo-location, transparent communication, and peer-to-peer support.
- **Key Features :** P2P System for solution, transparency between users and organisations.

FLOWCHART



TECHNICAL ARCHITECTURE

Tech stack

- **Frontend Technologies: HTML, CSS, JavaScript**
- **Backend Technologies: Node.js, Python**
- **Database: MongoDB**
- **Other Tools/Services: OpenAI API**

SCALABILITY AND FUTURE SCOPE

- **AI Chatbot can handle basic problems reducing the load; using MongoDB for efficiency.**
- **Architecture considerations : PaaS (Platform as a Service)**
- **Technologies that support scalability : Google Cloud**
- **Additional functionalities/Future Prospective :**
 - a. **Addressing problems irrespective of spoken language.**
 - b. **Development of Mobile Application.**
 - c. **Identifying problem through data analysis and connecting with suitable government department for instant connection.**
 - d. **Raising request through voice input.**

FEASIBILITY

- **AI Chatbot:** An AI chatbot is available for immediate answers, helping solve issues quickly.
- **FAQs for Quick Help:** Frequently asked questions provide instant answers without needing a person.
- **Community Forums:** Forums let people chat with others in the community and share info.
- **Instant Solutions:** The AI chatbot gives instant, temporary solutions to common issues.
- **Feedback Form:** Users can give feedback to improve the services in the future.
- **Easy Feedback Process:** A simple feedback form makes it easy to collect improvement ideas.
- **Continuous Improvement:** Feedback ensures the system can evolve to meet user needs better.



>Team Details



Neer Malik

Team Lead, Full Stack Dev
Tech Masters



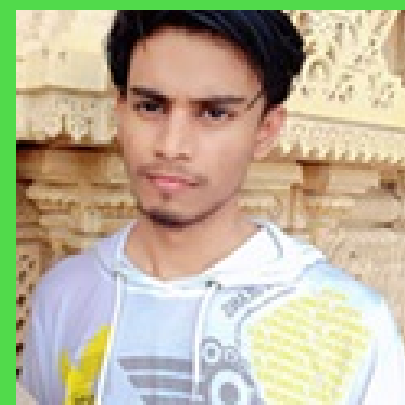
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Thanks for Joining

