



WeGram :

A Decentralized Matriarchal Ecosystem

Problem Statement: The Reality of Rural India

- The Invisible Workforce: Women perform 60%+ of agricultural/domestic work but hold <15% of assets.
- Financial Exclusion: Unpaid labor results in zero credit history (High Risk).
- Information Asymmetry: Govt schemes go unclaimed due to language barriers.
- The Patriarchal Barrier: Lack of agency prevents access to markets and wages.

The Solution: WeGram

Core Concept: A Smart Village ecosystem shifting the center of gravity to the Matriarch.

Resource-Based Funding: Village resources (agri/crafts) fund infrastructure (Self-sufficiency).

From Invisible to Visible: Converts informal labor into verifiable 'Digital Proof of Work'.

Holistic Growth: Pathway from Skill -> Income -> Leadership.

Module 1: Recognizing Invisible Work

Women Profile & Life Context Engine

Foundation Module

- Creates a life-based profile capturing: Skills (formal + informal), Unpaid work, Family responsibilities, Time availability, Education & constraints.
- Why it matters: Traditional systems ignore unpaid and informal work done by women. This foundation enables all other modules.



Invisible Work Recognition Module

- Logs unpaid work (household, caregiving, farm support, SHG work).
- Converts effort → impact score.
- Generates digital proof-of-work reports.
- Outcomes: Helps with loan trustworthiness, scheme validation, and SHG credibility.

Module 2: Economic Empowerment

1. Skill-to-Income Pathway Builder

Maps existing skills to realistic income opportunities.

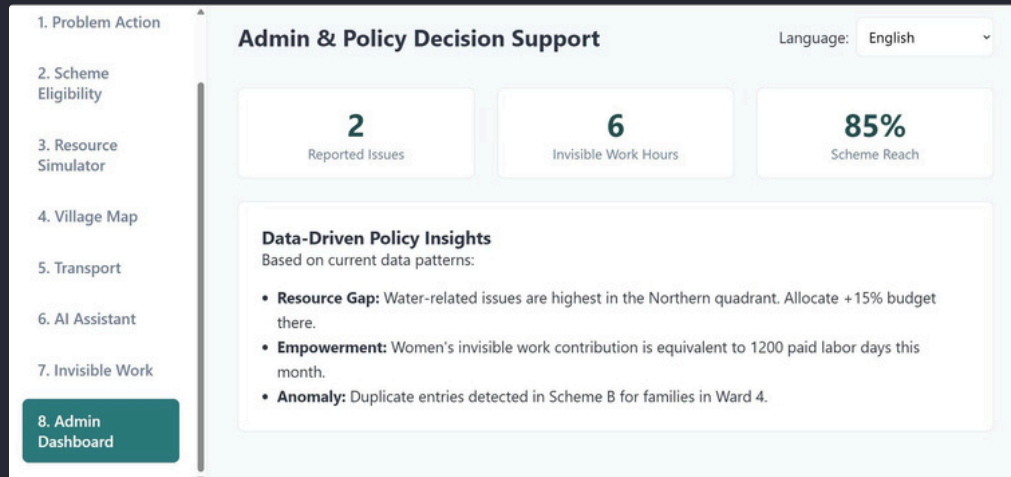
Example: Cooking -> SHG Catering -> ₹4,500/month.

2. Scheme & Opportunity Intelligence

Matches Life Context with Govt Schemes. Provides step-by-step guidance in vernacular languages (e.g. SHG Catering).

This intelligence matches context to Govt schemes in vernacular languages.

Module 3: Collective Intelligence



1. SHG & Collective Intelligence Dashboard: Aggregates data across Self-Help Groups (SHGs). Helps NGOs & Panchayats allocate resources effectively.

2. Admin & Policy Decision Support: Visualizes metrics on female labor participation. Simulates impact of new policies.

Module 4: SHG & Collective Intelligence Dashboard

Village-Level Power.

What it does: Aggregates data across women & SHGs, Identifies strong groups, support-needed groups, training impact. Helps NGOs & Panchayats make decisions.

The screenshot displays the 'Invisible Work Recognition' dashboard. On the left is a vertical sidebar with eight menu items: '1. Problem Action', '2. Scheme Eligibility', '3. Resource Simulator', '4. Village Map', '5. Transport', '6. AI Assistant', '7. Invisible Work' (highlighted with a teal background), and '8. Admin Dashboard'. The main content area is titled 'Invisible Work Recognition' and includes a 'Language: English' dropdown menu. It is divided into two primary sections. The 'Log Unpaid Work' section on the left contains a 'Work Type' dropdown menu with 'Community Kitchen' selected, an 'Hours Spent' input field with the value '6', and a teal 'Log Work' button. The 'Impact Profile' section on the right features a large teal number '72' representing the 'Community Contribution Score'. Below this is a dashed teal box labeled 'Proof of Work Generated' which contains the text 'Community Kitchen contribution', 'Verified Hours: 6', and 'ID: VID-7548'. A dark blue 'Download Proof' button is located at the bottom of this section.

1. Problem Action

2. Scheme Eligibility

3. Resource Simulator

4. Village Map

5. Transport

6. AI Assistant

7. Invisible Work

8. Admin Dashboard

Invisible Work Recognition

Language: English

Log Unpaid Work

Work Type

Community Kitchen

Hours Spent

6

Log Work

Impact Profile

72

Community Contribution Score

Proof of Work Generated

Community Kitchen contribution

Verified Hours: 6

ID: VID-7548

Download Proof

Inclusivity: Voice-First Access

Challenge: Many rural women are semi-literate.

Solution: Voice-First & Assisted Interface

- **Voice Input/Output:** Users speak in native dialect.
- **Minimal Text UI:** Uses icons and audio cues.
- **Assisted Access:** SHG leaders can help with consent.

Technical Architecture & Feasibility & Impact



Frontend
React / Flutter



Backend
Python FastAPI



Database
PostgreSQL



Analytics
Pandas & ML

Feasibility

- Low bandwidth 2G/3G
- Entry-level phones
- Self-sustaining funding

Impact

- +20% Female Employment
- Increased Loan Repayment
- Data-Driven Governance

The Minds Behind WeGram- Team AuraX

01

Team Lead / Product Owner

Amina Zera Rahees

02

Backend Developer

API, DB, Scoring Logic

Amina Zera Rahees

03

Frontend

Flutter App, Voice UI Design

Anujaya Bijay

04

AI/ML Engineer

Recommendation Engine

Nandana D Nair

05

Documentation

Research & Reporting

Pranitha Pramod