**✅ Step-by-Step Execution Plan for viswam.ai Open-Source AI Project**

**🔵 Phase 0: Ideation & Mission Alignment**

**🎯 Goal: Build an MVP that naturally collects culturally relevant data.**

**✅ App Idea Recommendation:**  
**App Name:** *“LokKala: India’s Cultural Clipbook”*  
**Concept (One-Paragraph):**  
*LokKala* is a simple, mobile-friendly web app that allows users to contribute folk stories, proverbs, or regional memes in their native language. Users can either write a small story/proverb, upload a photo with a caption, or create a meme using preloaded templates. The app is designed for low-bandwidth areas with offline-first access and is optimized for text input. Every user action generates culturally valuable data for AI training, aligned with the mission of viswam.ai.

**🔵 Week 1: Rapid Development Sprint**

**🚀 Deliverables:**

* Functional MVP deployed on **Hugging Face Spaces**
* Offline-first architecture (service workers or local storage)
* Features:
  + User registration with basic language selection
  + Input options: Text story, proverb, or meme caption
  + AI backend suggestion or enrichment (e.g., translation/localization)
  + Save + sync offline contributions

**📦 Tools:**

* **Streamlit** frontend (lightweight UI)
* **Gradio / FastAPI** for backend (if needed)
* **Hugging Face Transformers** (optional AI features)
* **PWA support** for offline capability
* **IndexedDB / localStorage** for temporary data save

**🔵 Week 2: Beta Testing & Iteration**

**🧪 Plan:**

* Recruit testers via:
  + Local colleges
  + WhatsApp groups
  + Swecha community
* Use simple tasks like:
  + Submit 1 folk tale in Telugu/Tamil/Hindi
  + Create 1 meme
  + Translate 1 proverb
* Feedback collection via:
  + Embedded Google Forms
  + WhatsApp/Telegram interviews
  + App feedback button

**🔁 Actions:**

* Track bugs and logs
* Update UI/UX
* Optimize offline usage
* Improve AI suggestion responses

**🔵 Weeks 3–4: User Acquisition & Corpus Growth Campaign**

**🎯 Objectives:**

* Get at least **200+ users**
* Collect **500+ data contributions**

**🎯 Target Audience:**

* Rural students
* Teachers (language/history)
* Local influencers and village elders
* Women SHGs and community groups

**📣 Promotion:**

* WhatsApp forwards with app link
* Instagram Reels + Posts
* Flyers in local language (PDF + printed)
* Partner with Swecha chapters, schools

**📈 Tracking:**

* Use tools like Plausible/GoatCounter for metrics
* Maintain a Google Sheet with:
  + #Users onboarded
  + Contributions count
  + Language/dialect breakdown
  + User stories/screenshots

**🔵 REPORT.md Structure**

Include the following:

markdown

CopyEdit

# LokKala - Cultural Clipbook App

## 1. Team Info

- Team Name

- Member Roles

## 2. Application Overview

- Problem Statement

- App Use Cases

- MVP Features

## 3. AI Integration

- Any AI model used (e.g., summarization, translation, text suggestion)

- Offline capabilities

## 4. Technical Stack & Architecture

- Streamlit + FastAPI + Hugging Face

- Offline-first approach

- Hosting on Hugging Face Spaces

## 5. Testing Strategy

- Tester profiles

- Feedback forms/screenshots

- Bugs & fixes

## 6. 4-Week Roadmap

- Week-by-week log

- Metrics and results

- Promotional screenshots

## 7. Future Vision

- Feature ideas

- Community scaling plan

- Sustainable contribution ecosystem

**🔵 Submission Checklist**

| **✅ Task** | **Status** |
| --- | --- |
| Public repo on code.swecha.org | 🟩 |
| README.md (Clear usage instructions) | 🟩 |
| REPORT.md (Based on structure above) | 🟩 |
| CONTRIBUTING.md | 🟩 |
| CHANGELOG.md | 🟩 |
| LICENSE file | 🟩 |
| requirements.txt | 🟩 |
| Clean, modular code | 🟩 |
| Live Streamlit link on Hugging Face | 🟩 |