Prototype Evaluation Rubric

Purpose: To measure the low-power prototype fit and impact during field testing and community trials

Criteria	Description	Exceeds Expectations (3 pts)	Meets Expectations (2 pts)	Below Expectations (1 pt)
Cultural fit	The degree to which the prototype reflects local language, customs, and ceremonial use	Deeply grounded in cultural norms and practices	Partially adapted to the local context	Misaligned or disregards cultural relevance
Accessibility/ Usability	Ease of use, accessibility, and literacy compatibility	Affordable, User-friendly, Intuitive, and accessible for all literacy levels	Generally affordable and usable with guidance	Confusing, unaffordable, and difficult to use; literacy or design barriers
Resilience	Robustness to power/internet outages	Fully operational offline or in low-connectivity zones	Generally stable with occasional service outages	Fails frequently without stable power/ or in low connectivity
Power efficiency	Battery/solar sufficiency	Lasts ≥1 week without recharge	Requires recharge after every few days	Requires daily recharge
Data agency	Community ownership and control of data produced/collected	Controlled locally for privacy and access rights	Shared control with external actors	Data controlled externally or unclear governance

Assign scores (1–3) for each criterion.

Total Score (out of 15): _____

- Rate each prototype after community trials.
- Add notes on improvements.
- Write recommendations for refining the prototype based on trial feedback.