Last Minute Instructions

Discussion & Support

- **You must join Discord Channel. Click below link to join the channel (https://discord.gg/VB9KXwcp)**: Network with fellow hackathon participants, collaborate and ask questions on our Discord Channel
- **Mentor Support**: Get real-time support on technical blockers, best practices, and product direction by tagging our mentors on Discord Channel

Tips:

@ **You have the freedom to select your own abstract (or) choose one from the provided statements** (you can find more statements at the end of this document) (Tip: Don't be confused. Pick one - faster - to build and ship faster)

@ **We don't care about your website (or) landing page (or) signup form** etc because that's not what we're here for today. We're here to build AI Agentic systems. So, don't waste your time much on these unimportant things. Focus your energy on true AI.

@ At the end of the hackathon, **we expect you to have a working prototype (or) MVP (minimum viable product) showcasing the core functionality/ working demo**. Nothing

less, Nothing more.

@ If you're close to showing MVP, we can **push/ extend the hackathon deadline for a few hours**.

@ **Stay Hydrated.** Drink Caffeine/ Diet Cokes/ Water.

Recommended Tech Stack

Choose what gets you to a **functional demo** quickest. Some ideas:

- **Languages & Frameworks:** Python, Node.js, LangChain, LlamaIndex
- **Frontend:** React, Angular, Vue.js, React Native, Kotlin
- **Databases:** MongoDB, PostgreSQL, Neo4j, Weaviate, Pinecone
- **LLMs:** OpenAI, Gemini, Claude, Deepseek, Llama
- **Cloud:** AWS, GCP
- Feel free to use open (or) closed source tools, depending on your project's requirements

Submission

1. **Deployed Link**
    - Provide a live URL for hands-on testing.
2. **Zip File + README**

- Include source code and clear setup steps

Judging Criteria

We're looking for **impactful** and **polished** MVP's in 24 hours. Specifically:

1. **Technical Feasibility** – Is the AI core stable, efficient, and scalable beyond the prototype?
2. **Execution** – Did you deliver a **working** MVP that clearly demonstrates value?
3. **Innovation** – Is your approach fresh (or) a unique angle on a big problem?
4. **Impact** – Does the solution provide tangible benefit to users/communities?

Sample AI Agentic Problem Statements with Top 3 Features

1. AI-Powered Mobile Clinic Triage

1. **LLM-Based Symptom Analysis** – Leverage large language models to provide quick triage suggestions.
2. **Instant Telehealth Integration** – Enable remote Audio/video consults with available practitioners.
3. **Automated Prescription Drafts** – Suggest initial treatments or referrals using AI-driven data.

2. Smart Water Usage Monitor

1. **IoT Sensor Integration** – Real-time collection of water flow and quality metrics.

2. **Predictive Analytics** – Use AI to forecast shortages or detect overconsumption.
3. **Alert & Recommendation Engine** – Send notifications to users with water-saving tips or urgent advisories.

3. Women's Safety Alert System

1. **Generative Voice/Keyword Detection** – AI listens for distress words or unusual sounds.
2. **Geo-Location Triggers** – Automatic location sharing with emergency contacts or local authorities.
3. **Community Support Network** – Allow verified neighbors or volunteers to respond quickly.

4. Farmer's Crop Assistant

1. **Generative Crop Advisory** – AI-tailored tips on irrigation, fertilization, and pest control.
2. **Weather Data Integration** – Real-time updates influencing farm decisions (e.g., planting schedules).
3. **Marketplace Connection** – Connect farmers directly with buyers or microloan providers for immediate financial support.

5. Microloans & Credit Analysis

1. **Instant AI Credit Scoring** – Use phone or transaction data to assess creditworthiness.
2. **Microloan Management** – Simple dashboard to track approvals, repayments, and interest.
3. **Automated Fraud Detection** – Spot irregularities using ML-based pattern analysis.

6. EdTech Tutor for Rural Students

1. **Adaptive Learning Modules** – AI tailors lessons based on each student's progress.
2. **Low-Bandwidth Content Delivery** – Optimized for areas with limited internet access.
3. **Multilingual Support** – Provide lessons in local languages using text or voice-based translation.

7. Environmental Hazard Monitor

1. **Real-Time Sensor/Satellite Data** – Monitor pollution, forest fires, floods, or other threats.
2. **Predictive Modeling** – AI forecasts hazard spread and suggests evacuation routes.
3. **Alert & Response System** – Automated messaging to local authorities, volunteers, or residents.

8. Basic Goods Supply Tracker

1. **Real-Time Inventory Updates** – Track stock of essentials (groceries, medicines) across stores.
2. **Smart Replenishment Alerts** – Predict shortages and automate restock notifications.
3. **Community Price Comparisons** – Let users find the best deals or shortest travel distance.

9. Real-Time Bus/Train Tracking

1. **GPS Integration** – Gather live location data from public transport.
2. **Predictive Arrival Times** – Use ML to estimate delays based on traffic conditions.
3. **User Feedback Loop** – Crowdsource reliability reports to improve accuracy.

10. Grievance Redressal Chatbot

1. **NLP for Complaint Logging** – AI reads and classifies user-submitted grievances.
2. **Automatic Routing** – Forward issues to the right departments or authorities.
3. **Status Tracking** – Real-time progress updates on how and when problems are addressed.

11. Community Skills & Job Matching

1. **AI Skill Profiling** – Analyze user data to match them with job or learning resources.
2. **Generative Resume/Portfolio Builder** – Auto-generate resumes based on user inputs.

3. **Local / Remote Work Filters** – Let companies or communities find the right candidates quickly.

12. Waste Management & Recycling Aid

1. **Route Optimization** – AI plots the most efficient waste collection paths.
2. **Waste Sorting Guidance** – Educate users on correct disposal and recycling with ML image recognition.
3. **Impact Dashboard** – Track and showcase metrics like carbon savings or landfill reduction.

13. AI-Driven Blood Donation Network

1. **Real-Time Donor Matching** – Instantly connect donors and recipients based on blood type and location.
2. **Predictive Supply Forecasting** – Alert local blood banks or hospitals about potential shortfalls.
3. **Automated Appointment Scheduling** – Streamline the process for donors, saving time and manual overhead.

KEEP BUILDING AND SHIPPING IN AI.

GOOD LUCK 🙂

AmotionAI (Amotion)
AIspire Labs (AIspire Labs - Smart AI Assistants)