Hackathon Challenge – Problem Statement

Problem Statements

Participants are required to build **AI Agents** that solve the following challenges:

1. **Docstring Generation Agent**
   - Build an agent that reads **Python source code**
   - Automatically generates **clear and meaningful docstrings** for:
     - Functions
     - Classes
     - Methods
2. **Project README Generation Agent**
   - Given a **folder containing multiple files**, build an agent that:
     - Reads all relevant files
     - Understands the project structure
     - Generates a **single, comprehensive README.md** for the entire folder

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Judging Criteria

Submissions will be evaluated based on:

- **Goal Satisfaction**
  - Does the agent correctly solve the given problem?
- **Prompt & Coding Style**
  - Clarity, modularity, and maintainability of code
  - Quality of prompts used for the agent
- **Edge Case Handling**
  - Empty files
  - Incomplete code
  - Large folders / nested structures

NOTE : Evaluation will be done by representatives from Nasiko

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Submission Requirements

Submission Form : [Google Form URL](#)

Please make a LinkedIn post about your AI Agent and it's approach, make sure to tag Nasiko (https://www.linkedin.com/company/nasikolabs)

Notes

- Ensure the repository is **public and accessible**
- README should clearly explain:
  - Agent design
  - Usage instructions
  - Assumptions & limitations