SMART Metrics Document

# SMART Goal Framework

|  |  |  |
| --- | --- | --- |
| SMART Criteria | Guiding Question | Our Plan |
| Specific | What are we trying to accomplish? | Build a simple prototype for a green credit marketplace using blockchain, supported by AI that verifies green actions. Also, create a prototype UI so users can simulate buying and selling credits. |
| Measurable | How will we know we’re making progress? | By completing the prototype, verifying at least 10 green actions, and running sample credit trades successfully on the blockchain. |
| Achievable | Can we do this with the resources and time we have? | Yes, in 30 hours, our team of i will use available tools like Hyperledger for blockchain, scikit-learn for AI, and Figma for UI design. |
| Relevant | Why does this matter? | It’s aligned with environmental sustainability efforts and helps build our technical skills in blockchain, AI, and UI design. It’s also a real-world use case. |
| Time-bound | What’s our deadline? | Finish the prototype and run simulations within 30 working hours. |

# SMART Goal Statement

Our goal is to design and build a simple, working prototype of a blockchain-based green credit marketplace within 30 hours. The prototype will include smart contracts on Hyperledger, an AI model (using scikit-learn) to automatically verify tree planting images, and a clickable UI mockup in Figma. We aim to simulate at least 10 verified green credit transactions on the blockchain.