

Sustainability App Project Analysis based on CMM Levels

CMM Level	Focus	Key Process Areas (Adapted for Sustainability App)
Initial	Competent people	-
Repeatable	Project Planning & Monitoring (Using Agile Methodology)	Find NGOs & Companies to partner with. Keep updating the list of sustainable activities. Tracking project progress against established timelines and budgets. Adding new activities based on user feedback Identifying and managing risks.
Defined	Define the Foundation Implementation	Define & align basic activities under UN-17 Goals. (Something to start with). Define roles of users(NGOs, Companies, Individual Users)." Outline the steps involved in user signup, data collection (e.g., location, interests), and account verification. Design a form for NGOs and companies to apply as partners. Establish contact with interested NGOs & companies. Map rewards with points.
Managed	Supervise activities & track performance (Testing using: - Black Box Testing - Unit Testing)	Identify any bottlenecks. Track user completion rates. Manage user profiles. Utilize collected data to create reports that showcase Sus App's overall impact. Create tutorial to educate new users about the platform. Establish clear communication channels. Using Quality Metrics. ISO Standards: ISO 9000-1: 1994: Final inspection and test ISO 9004: 2000: Guidelines for performance improvements ISO/IEC 9126-1: 2001: Software products, quality models
Optimizing	Optimize & improve performance	Improve performance using the detailed testing result/ feedback received from the testers, developers and users.. Introduce badges, points, or leaderboards to increase user motivation. Review and approve user-submitted activities to ensure accuracy and relevance to sustainability goals. Collaborate with experts to identify and curate high-impact activities. Integrate Sus App with external data sources on environmental impact (e.g., carbon footprint calculators)