Pre-Proposal Statement

Title:	**Development of a Mobile Application for Accurate Identification and Sorting of Biodegradable and Non-Biodegradable Waste: An Innovative Solution for Sustainable "Waste Management"**
Proponent/Researcher:	Mohammad Denhar M. Jammang, Benladin S, Arasi, Abduljabbar B. Pula, Nurjimar D, Arajani
Statement of the problem	The problem we aim to solve is that many individuals and waste management businesses do not properly sort their waste. This negligence leads to pollution and environmental harm. Frequently, people lack the knowledge and tools required for proper waste disposal, and the current approach to handling trash is both slow and costly.
Scope of the Study:	The project aims to develop a user-friendly application that can tell if waste is biodegradable or not. We want to use artificial intelligence to make the app easy to use. We will check how well the app works and if people find it helpful. We also want to see if the app can get more people to care about sorting their trash correctly.
Limitations of the Study:	This study is only limited. We will only look at biodegradable and non-biodegradable waste, not other types of trash. We will test the app in a lab, not in real-life situations. Also, the app needs smartphones and the internet, which not everyone has. Whether people use the app and care about waste management will affect how well our study goes. Even with these limits, our study can teach us about using technology to help the environment and better ways to manage waste.

Project Design/Development Plan:	• Program Specification
	• JAVA NETBEANS • DATABASE
	• Software Specification
	• WINDOWS 10 • 4GB RAM
	• Hardware Specification
	• LAPTOP/DESKTOP

OVERALL IMPRESSION:

☐ **Approved**

☐ **Not Approved**