

Categorized Objectives

Objective	Category	Measure
Develop a web application that uses Natural Language Processing (NLP)	System Development	CitiSense web application deployed with NLP sentiment analysis with visualization features
Accurately classify survey responses (positive, neutral, negative) in English and Tagalog	Quality	Achieve $\geq 85\%$ accuracy within a 6-month development timeline
Automate feedback processing to reduce manual workload	Efficiency	Reduce workload by $\geq 80\%$ and accelerate report turnaround time
Ensure timely, data-driven decision-making within DOST-STII's IRAD department	Information Responsiveness	Feedback reports generated in real-time
Support English, Tagalog, and code-switched input in sentiment classification	Technical	Bilingual model with $\geq 85\%$ classification accuracy