



Faculty of Computer Studies and Information Technology

Compliance Checklist

2nd Semester, S.Y. 2024-2025

Capstone Project Title:

AI-Based System for Automated Estimation of Live Coral Cover Percentage in Reef Ecosystems

Proponents:

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Date Presented: December 3, 2025

Comments/Suggestions	Compliance/Remarks
Improve visualization (enlarge charts, add percentage labels).	Charts were enlarged for better readability, and percentage labels (e.g., 1.5%, 2%) were added directly onto the graphs.
System should highlight lifeforms and allow manual override of labels.	A highlighting feature was added, and users can now manually override or correct lifeform labels during analysis.
Include information such as model accuracy.	Model performance details, including accuracy information, were added to the appropriate sections of the system.
Use dropdowns for selecting municipality and barangay for uniformity.	Dropdown lists for municipality and barangay were implemented to standardize inputs and ensure consistent data.
Paraphrase the objectives.	The project objectives were rephrased to improve clarity and conform to the recommended format.
Remove subtitles in the Recommendation section.	Subtitles were removed from the Recommendation section to maintain formal structure.
Flowcharts need to be more visible.	All flowcharts were enlarged and reformatted for improved visibility.
Database schema needs better clarity and visibility.	The database schema was revised and enhanced for clearer structure and readability.
Implementation results should be separated into three tables.	The Implementation Results section was reorganized into three separate tables for better presentation and comprehension.



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