End of Semester Final Deliverables Check List

The following documents must be included in the final submission by the due date.

Deliverables Check List	Submitted Yes/No/NA
Main Document	
• Cover Sheet	Yes
• Check List	Yes
• Project Report	Yes
Appendices	
• Source code and executable	Yes
• Who did what?	Yes
Others	
• Presentation slides (submitted a day before the presentation)	Yes

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Cover Sheet Information

Project Title: **Cross domain Plant Species Identification**		
Team Name: ***VerdantVision***		
	ID Number	*Name*
1	102780757	Deron Yijia FOO
2	102778419	Esther Hui Min CHAI
3	102776536	Jayne Hieng Siew WONG
4	102780715	Jun Hong LAI
5	104385387	William Chin Lee WAN

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Who Did What?

As you are to be *individually assessed* it is necessary to ensure your marker understands your individual contribution. This document is to demonstrate who was responsible for each piece or contribution to each piece of work in your project. The following is a template to present and **must be signed by all team members**.

Project Title: **Cross domain Plant Species Identification**	
Deron Yijia FOO (102780757) [20%]	• Attempted the Domain-Adversarial Neural Network (DANN) approach to test feature invariance. • Compiled the final code base from all members for submission. • Worked on the Gradio GUI and wrote initial report sections and concluded slides.
Esther Hui Min CHAI (102778419) [20%]	• Experimented with CUT to generate synthetic “field” images from herbarium sheets. • Integrated synthetic data into the training set to test for improvements in accuracy • Drafted the presentation slides and outline. • Wrote report sections regarding GANs and data augmentation.
Jayne Hieng Siew WONG (102776536) [20%]	• Explored DINOv2 (Vision Transformer) as a frozen feature extractor with SVM classifiers. • Ran comparisons between Linear Probing and Light Fine-tuning methods. • Edited and compiled the final presentation video. • Wrote report sections on the Transformer backbone and feature analysis.
Jun Hong LAI (102780715) [20%]	• Set up the initial ConvNeXt-Base (CNN) training loop to establish a performance benchmark. • Analyzed the performance difference between "Paired" and "Unpaired" classes to highlight the domain gap. • Wrote report sections on CNN methodology and initial baseline results.
William Chin Lee WAN (104385387) [20%]	• Developed the Dual-Stream Ensemble approach (combining Classifier + Metric Learning). • Provided GPU resources to assist team members with running heavier models. • Helped debug code and optimize training parameters for the team. • Wrote report sections on the Ensemble architecture and final results comparison.

I declare this is an accurate description of team contributions of the team members

Team Member Name	**Signature**	**Date**
Deron Yijia FOO		28/11/2025
Esther Hui Min CHAI		28/11/2025
Jayne Hieng Siew WONG		28/11/2025

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Jun Hong LAI		28/11/2025
William Chin Lee WAN		28/11/2025