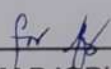## THESIS PROPOSAL APPROVAL SHEET

The thesis proposal entitled, **"Analyzing Above-Ground Root Crop Features For Non-Invasive Monitoring Using Deep Learning"**, prepared and submitted by **Ronald L. Aljas, Aljamer H. Tajala, Kristina Marie V. Gadem, Kristin Mae V. Delos Santos**, in partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE IN COMPUTER SCIENCE**, has been reviewed and deemed satisfactory with the revisions made, and is therefore approved in its current form. Any alterations between this approved version and the final thesis manuscript will require explicit approval from the faculty adviser. However, if the proponents choose to make significant changes during data collection, the revised proposal must be re-defended before the panel, regardless of the adviser's approval. Additionally, the proponents must clearly indicate any modifications between the approved version and the revised manuscript on a separate sheet to be included in the thesis.

MR. CEED JEZREEL B. LORENZO
Research/Technical Adviser
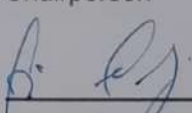
MR. JAYDEE C. BALLAHO, MIT
Panel Member

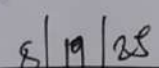**ENGR. MARJORIE A. ROJAS**
Panel Member/Critique

MS. LUCY FELIX-SADIWA, MSCS
Chairperson

JAYDEE C. BALLAHO, MIT
Computer Science Department Head

MARK L. FLORES, Ph.D.
Dean, College of Computing Studies

8/19/25
Date of Approval