

UNIVERSITY OF SCIENCE AND TECHNOLOGY OF SOUTHERN PHILIPPINES

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APPROVAL SHEET

This Thesis entitled: SUBAY: A MULTI-CAMERA DETECTION SYSTEM FOR CUSTOMER TRACKING USING YOLOv10, DeepSORT, AND OSNet FOR RE-IDENTIFICATION IN RETAIL ENVIRONMENTS, prepared and submitted by XYRUS VINCENT L. DOMINGUEZ, PRECIOUS HOPE T. JUMUAD, VENZ JOSHUA NO-LASCO and REZZELLE T. ONAHON in partial fulfillment of the requirements for the degree BACHELOR OF SCIENCE IN COMPUTER ENGINEERING has been examined and approved.

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 $\frac{\text{May 5, 2025}}{\text{Date of Final Defense}}$