



Republic of the Philippines
CAVITE STATE UNIVERSITY
Bacoor Campus
SHIV, Molino VI, City of Bacoor
☐ (046) 476-5029

DEPARTMENT OF COMPUTER STUDIES

TITLE DEFENSE REVISIONS AND COMPLIANCE FORM

Student Name: Bides, Matthew Isaac L.
Caliwan, Neil Yvan S.
Fernandez, Alexander James Ian J.
Macaranas, Kurt Baron S.
Approved Title: Apula: CNN-Powered Fire Detection And Alert System Using
CCTV Footage, Thermal Imaging, And Temperature Sensors
Defense Date: June 13, 2025

REVISIONS

The panelists suggested that we create a process box and a schematic diagram, both signed and approved by a licensed professional electrical engineer. They also recommended that our Artificial Intelligence model be also trained on datasets capable of distinguishing between different types of smoke.

Signature for: Matthew Bides
Click to sign

Signature for: Matthew Bides
Click to sign

Approved by:

STEPHEN BACOLOR
Panel Member

NESTOR MIGUEL PIMENTEL
Panel Member

ELY ROSE L. PANGANIBAN-BRIONES, MIT
Defense Chairperson



