Model Development Phase Template

Date	8 November 2024
Team ID	team - 739994
Project Title	Virtual Eye - Life Guard for Swimming Pools to Detect Active Drowning
Maximum Marks	10 Marks

Initial Model Training Code, Model Validation and Evaluation Report

The initial model training code will be showcased in the future through a screenshot. The model validation and evaluation report will include a summary and training and validation performance metrics for the model, presented through respective screenshots.

Initial Model Training Code (5 marks):

Model Validation and Evaluation Report (5 marks):

Model	Summary	Training and Validation Performance Metrics

YOLO (v5)	YOLOv5 is a fast and accurate object detection model that identifies and locates objects in images in real-time. It predicts both bounding boxes and class labels in a single pass, making it efficient for tasks like surveillance and drowning detection.