

COMPUTER ENGINEERING DEPARTMENT

WEEKLY PROJECT PROGRESS REPORT

Semester: -7th	Date:- 6/08/2025
Student Name:	Enrollment No:
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Project Title: - Real-Time Object Detection System Using YOLO for Intelligent Surveillance and Monitoring
Weekly Work Done: - <ul style="list-style-type: none">• Downloaded the custom best.pt model from the completed Kaggle training session.• Successfully integrated the model into the local object_detector.py application, replacing the base model.• Performed initial qualitative tests by running the application and observing the detection quality on the webcam feed.
Work Planned for the Next Week: - <ul style="list-style-type: none">• Refactor the application's code to improve readability and add detailed comments.