COMPUTER ENGINEERING DEPARTMENT

WEEKLY PROJECT PROGRESS REPORT

Semester: -7th	Date:- 18/06/2025
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: -   • Established project goals: to build a real-time object detection application using a webcam feed. • Set up the Python development environment, including installing core libraries like OpenCV, Tkinter, and PyTorch. • Created the initial GUI structure using Tkinter, designing the main window and placeholder elements.
Work Planned for the Next Week: -   • Implement the functionality to capture and display the live webcam feed within the Tkinter window. • Integrate a base YOLO model to perform initial, non-customized object detection on the live feed.

Sign of Internal Guide

Sign of HOD