

COMPUTER ENGINEERING DEPARTMENT
WEEKLY PROJECT PROGRESS REPORT

Semester: -7th	Date:- 07/07/2025
Student Name:	Enrollment No:
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<p style="text-align: center;">Project Title: - Real-Time Object Detection System Using YOLO for Intelligent Surveillance and Monitoring</p> <p>Weekly Work Done: -</p> <ul style="list-style-type: none"> • Gathered and curated a large dataset of over 200,000 images relevant to the project's detection goals. • Created a new project in Roboflow and uploaded the entire dataset. • Organized the dataset into training and validation sets as per standard machine learning practices. <p>Work Planned for the Next Week: -</p> <ul style="list-style-type: none"> • Use Roboflow's tools to apply necessary preprocessing steps, specifically resizing all images to a consistent size (416x416). • Apply data augmentation techniques to increase the dataset's diversity and improve model robustness.

Sign of Internal Guide

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