

COMPUTER ENGINEERING DEPARTMENT

WEEKLY PROJECT PROGRESS REPORT

Semester: -7th	Date:- 07/07/2025
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">• 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.
Work Planned for the Next Week: - <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.