Biweekly Research Progress Report
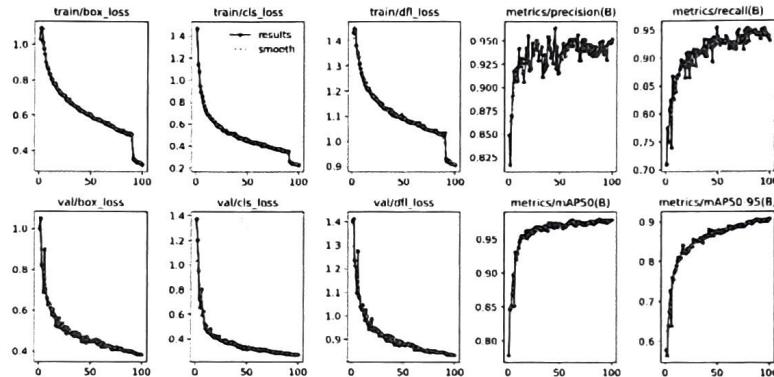
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Period	:	Week 7
WBS	:	1. Point Cloud and Model Development

Research Results in This Biweek

- Using Yolov8n-seg to recognize pallets. That model is fast and robust for real time. Also, it gives instant segment masks, so it is possible to recognize an individual pallet.
- Handling with getting camera to world coordinate transform matrix

Research Items in Next Biweek

1. Estimating a pose of the pallet
2. Reaching out to the side of the pallet

Issues and Overall Progress

- Fluently processing
- More tasks should be research(e.g. reinforce learning)

사유서

기전융합종합설계

22200757

최정빈

2025.10.20

프로젝트 성과 정리 미흡과 보고가 늦어짐으로 인해 7주차 biweekly 보고서 제출
이 늦었습니다.

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