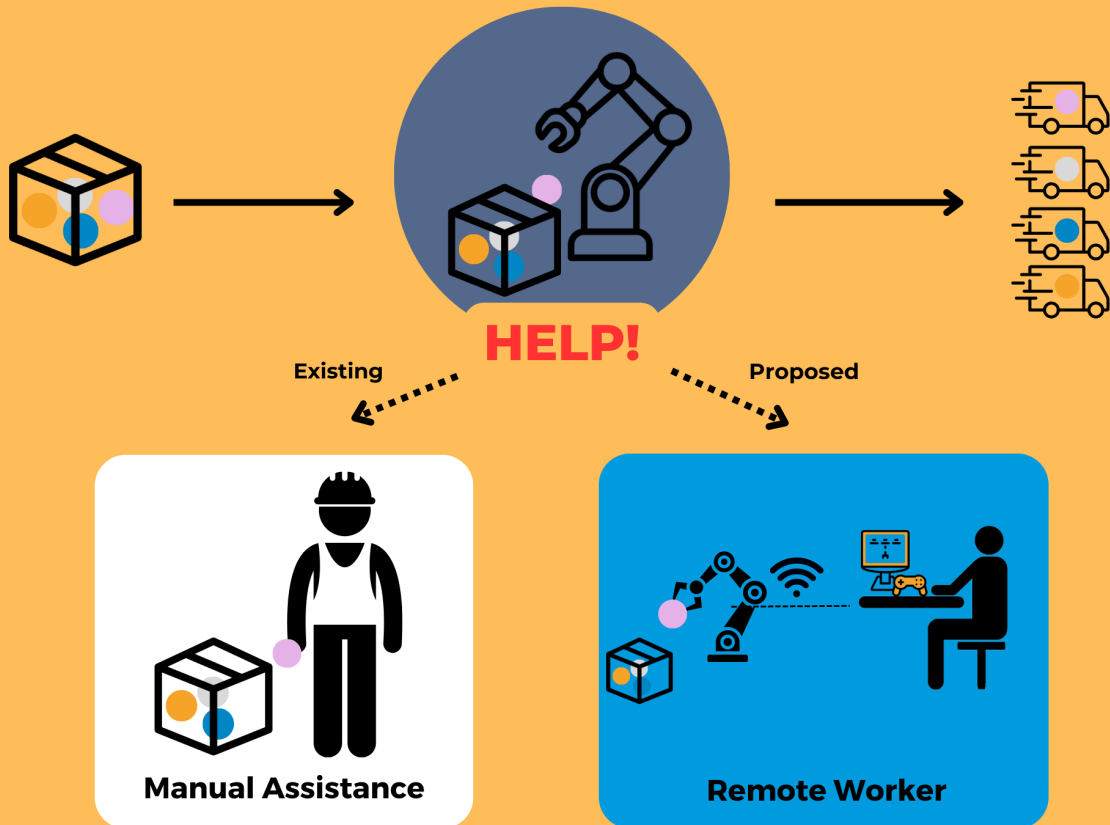


TALOS The Amazon Lift Object System

Challenge The need for a remote controlled robotic arm in the Amazon Robotics Fulfillment Facility to intervene on failed object removal actions.



Solution Implementation of a video game inspired system to simulate the real world and identify and pick up objects

Focus on addressing **Latency** and improving **Ease of Use**

User interface that is readable and informative:



Statistical system improvements:

1 MB/s

Network throughput

76x

Faster processing power

System complexity

67%
Of College Students Succeed in 5 Minutes

20%
Of Amazon Employees Succeed in 5 Minutes

- Junseok Kang
- SeungU Lyu
- Loren Lyttle
- HK Rho
- Efe Gulcu

LIASONS: GREGORY LONGTINE
NATALIE HAGER

ADVISOR: ALESSANDRA FERZOLO

SUBJECT MATTER EXPERT: KENECHUKWU MBANISI