

aWARE

BY TEAM 27

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**Estimated 3.2 cases per 100 workers were
seiously injured in 2022**

**Millions of dollars damage of property
annually**

Problem Statement

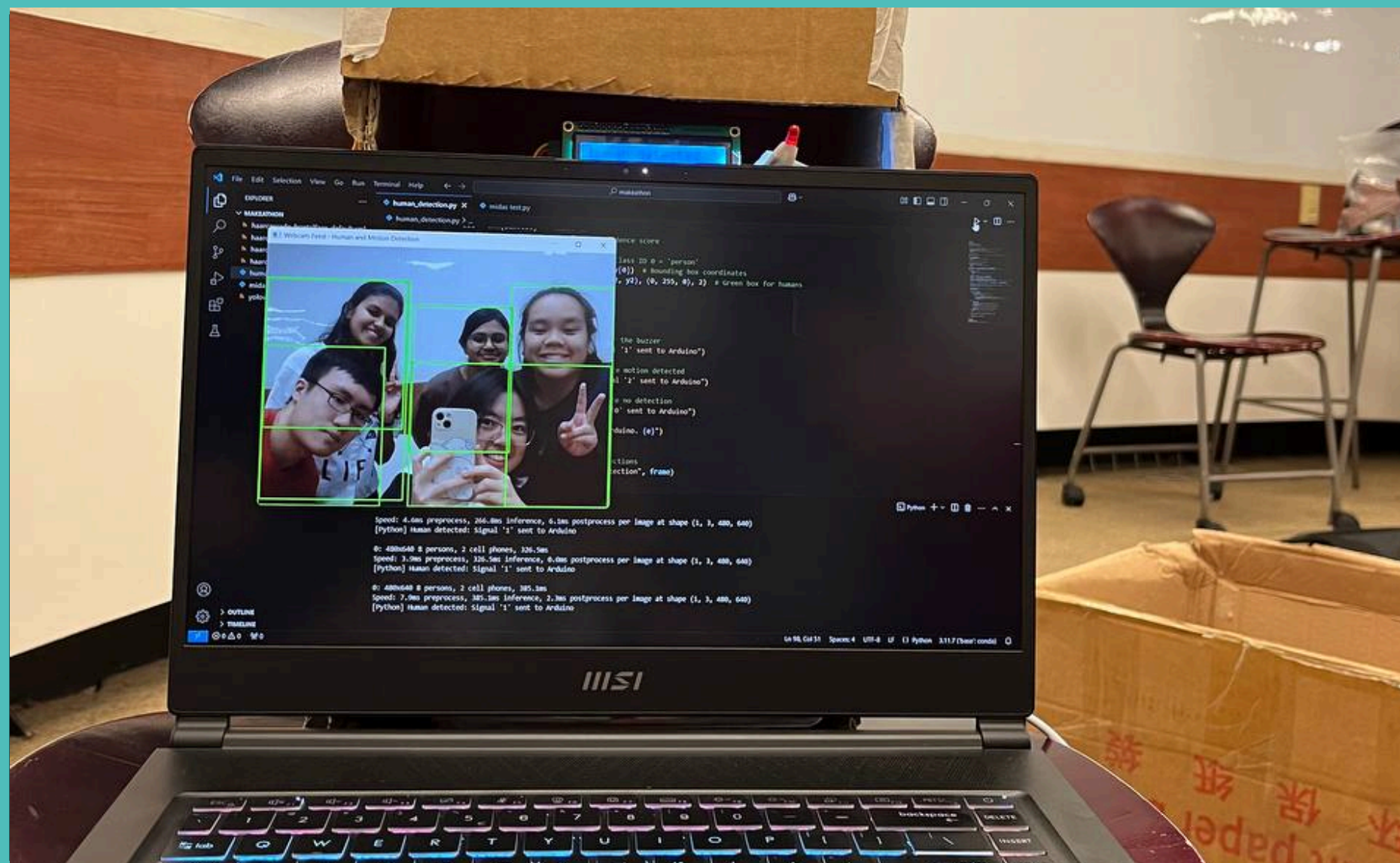
How might we enable warehouse handling equipments to avoid collisions in crowded or tight spaces to ensure safety for workers and prevent damages in a warehouse setting?

Our Solution



- Potential collision detection and warning system
- Image detection sensors to detect obstacles
- Real-time alerts through buzzers, LEDs, and LCD display to the drivers and pedestrians

Prototype Demo



Product Features



Human Detection

- Recognise humans



Motion Detection

- Recognise movement by comparing frames



Buzzers

- Notifies the worker on vehicle of hazard




LED Alerts

- Notifies people in the vicinity about the vehicle



Relevance & Real-World Impact

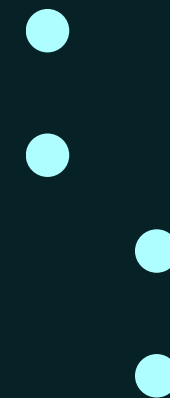
- Preventing injuries of workers, promoting safer work environment.
 - Increases productivity, reducing costs for company.
 - Helps to reduce costs which may be passed on to customers.
- 

LEAN PRICIPLES

Maximising Value while Minimising Waste

Preventing Stock Damage during Transportation

With aWARE, we focus on decreasing the number of collisions which result in waste of inventory stock.



Innovative Features

Dual Alert: For drivers
and pedestrians

Easy to use

Increases
Profitability

Future Plans

Multiple Cameras for
Depth Perception

Incorporate
Latest AI Models

Infra-Red Sensors for
Dimmer Enviroments

Marketing Plans

- Test trial: Demonstration room to show how our product works in a simulated warehouse setting
- Provide a personalised bussiness plan to company owners on how our product wil benefit them in the long run
- A subscription plan with a three month trial

