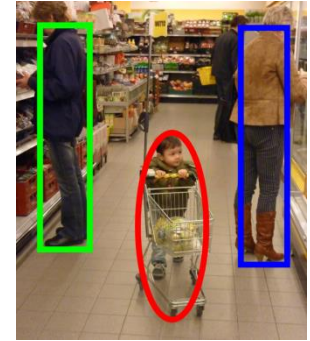


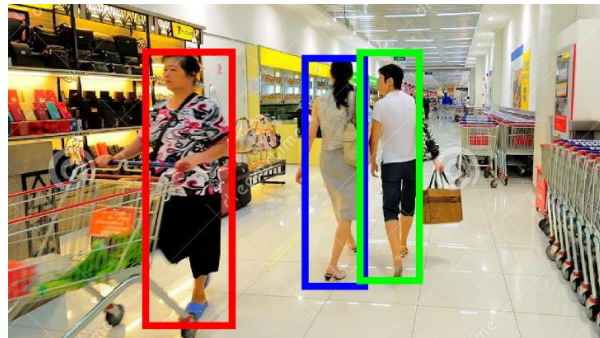
Which Step Change will our project achieve in robotics technology and ability?

Perception and Cognitive Ability

- *Object detection:*

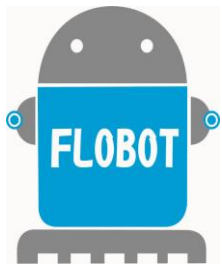


- *Human Tracking for safety*



- **Configurability and modularity**

➤ Modular hardware and software design



How: what is our approach?

End-user oriented

Hardware



Software



Interface

ERP

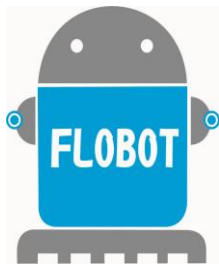
Six months of
laboratory testing

Validation:

Large supermarket
Hospital

Airport
Sports facility

Safety standards
regulations monitoring



Impact of our project on the Application Domain

- Large Supermarket, Airport, Hospital, Sports facility
- Currently, no satisfying solution
- Focus on key problems:
 - *Autonomy of operation*
 - *Precision of navigation*
 - *Interaction with the personnel*
 - *Cleaning performance*