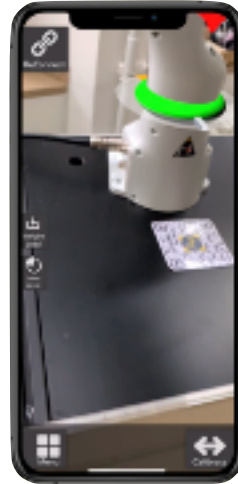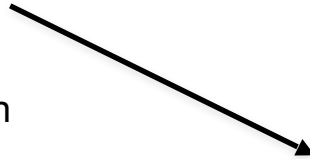**Research Question:**

Can an AR application improve Human-Machine communication?
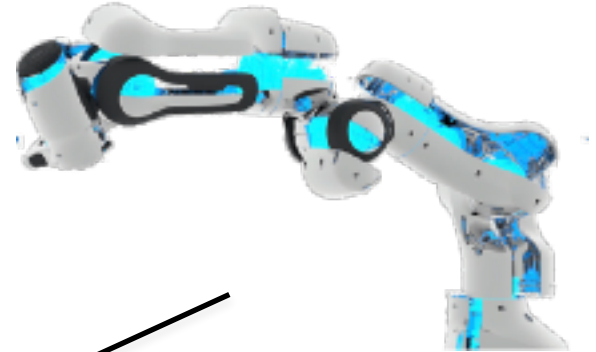

Source: [Link]

Human perception

Robot perception
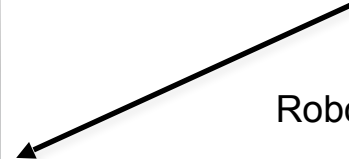
Source: Own Figure

Source: Own Figure

Franka Emika Augmented Reality Application

FEAR App

Pre-Study: Which functions should be in this application?

Questions

1. Problems with:
- Joint limits?
- Payload?

2. Is a [...] useful?
- task preview
- recording function

Results

Joint Limits:
Problem for 9/12

Payload:
Problem for 8/12

Task Preview:
Useful for 11/12

Recording function:
Useful for 4/12