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Harmony

Assistive robots for healthcare

Robotic Hospital Helpers Fiction, Present, and Future?

The Hospital of the Future

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Fiction



- High-tech "beds"
- Doctor inside the machine
- Lots of screens









Present

- Specialized devices
- Tools for doctors
- Warehouse and logistic systems













Project Harmony | The Hospital of the Future

- Mobile manipulation for healthcare
- Automate dull tasks
 - On-demand delivery
 - Bioassay sample processing
- Free up human resources
- Partners

Harmony

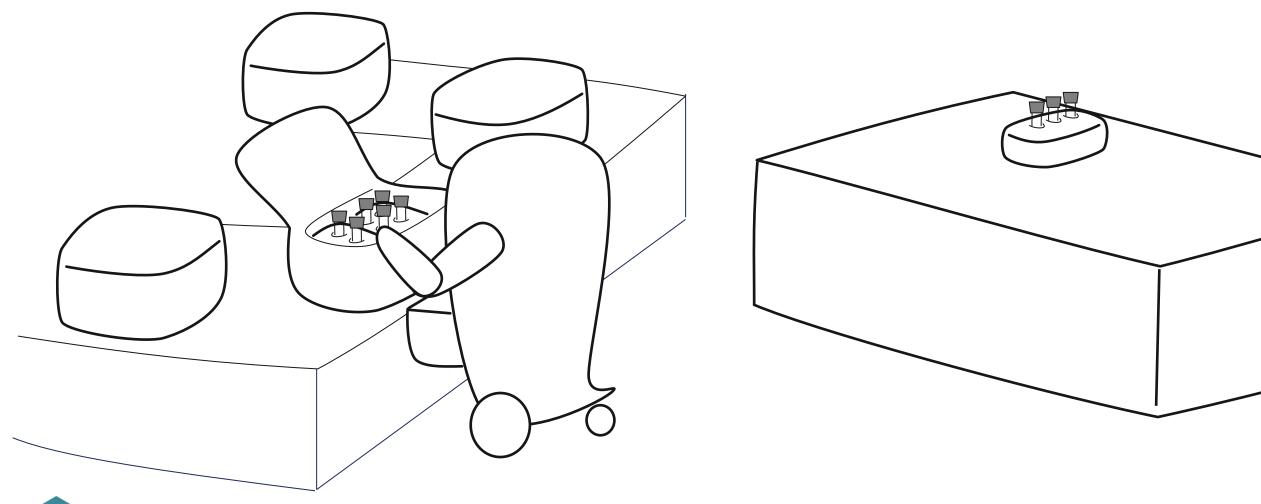
Assistive robots for healthcare

- Universities
- Industrial partners
- End-users







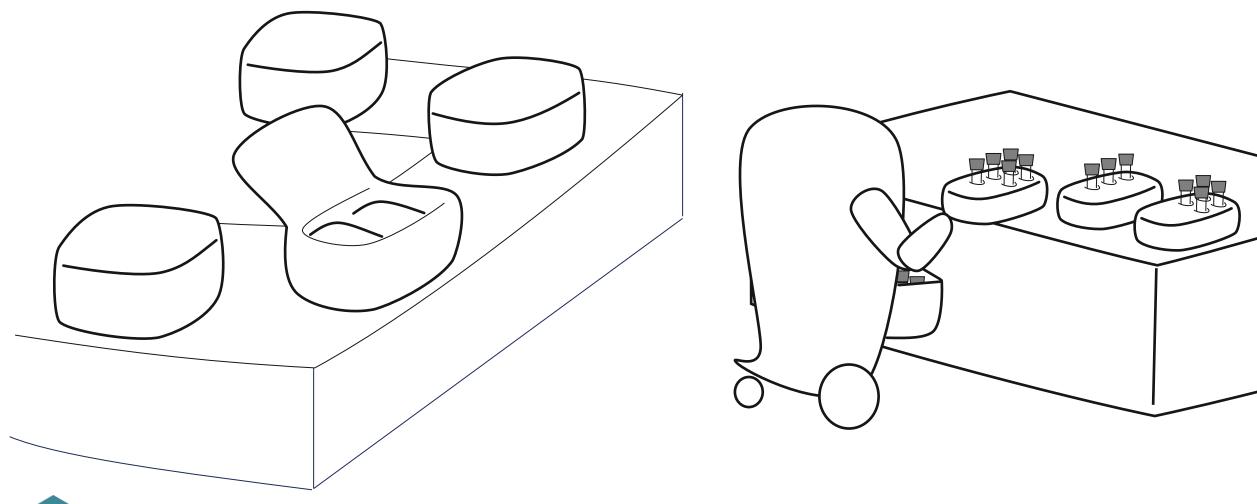




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• That task is easy, right?





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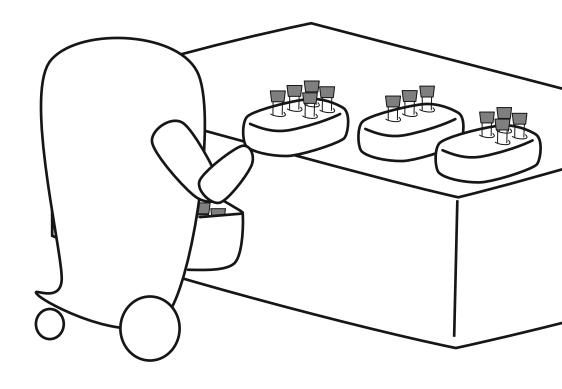


- Perception
- Localization
- Navigation
- Manipulation
- Hardware













- Robots perform monotonous tasks
- Enable humans to concentrate on their actual job
- Robot reality and robot fiction far apart







