

Final Design

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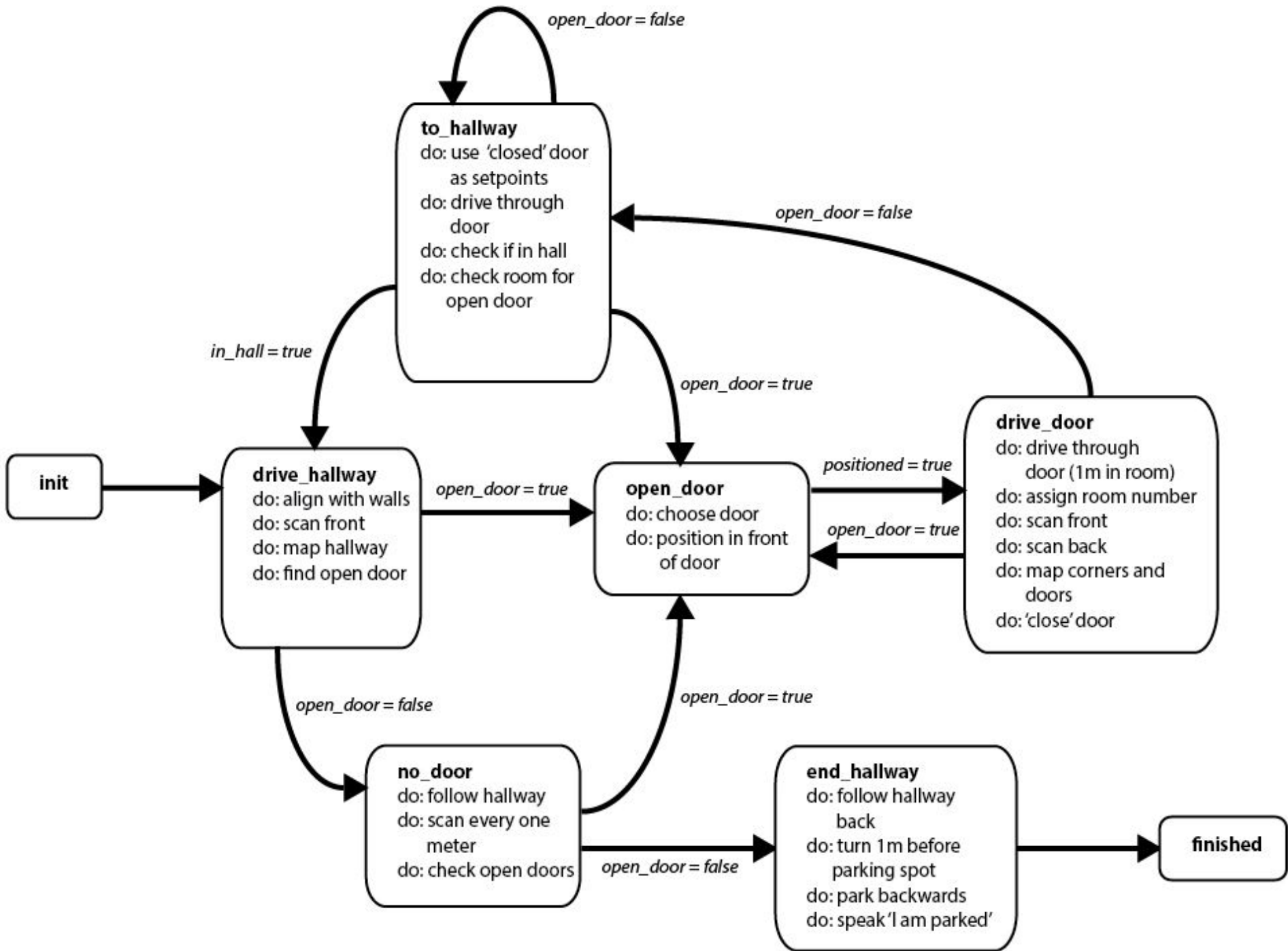
Plan

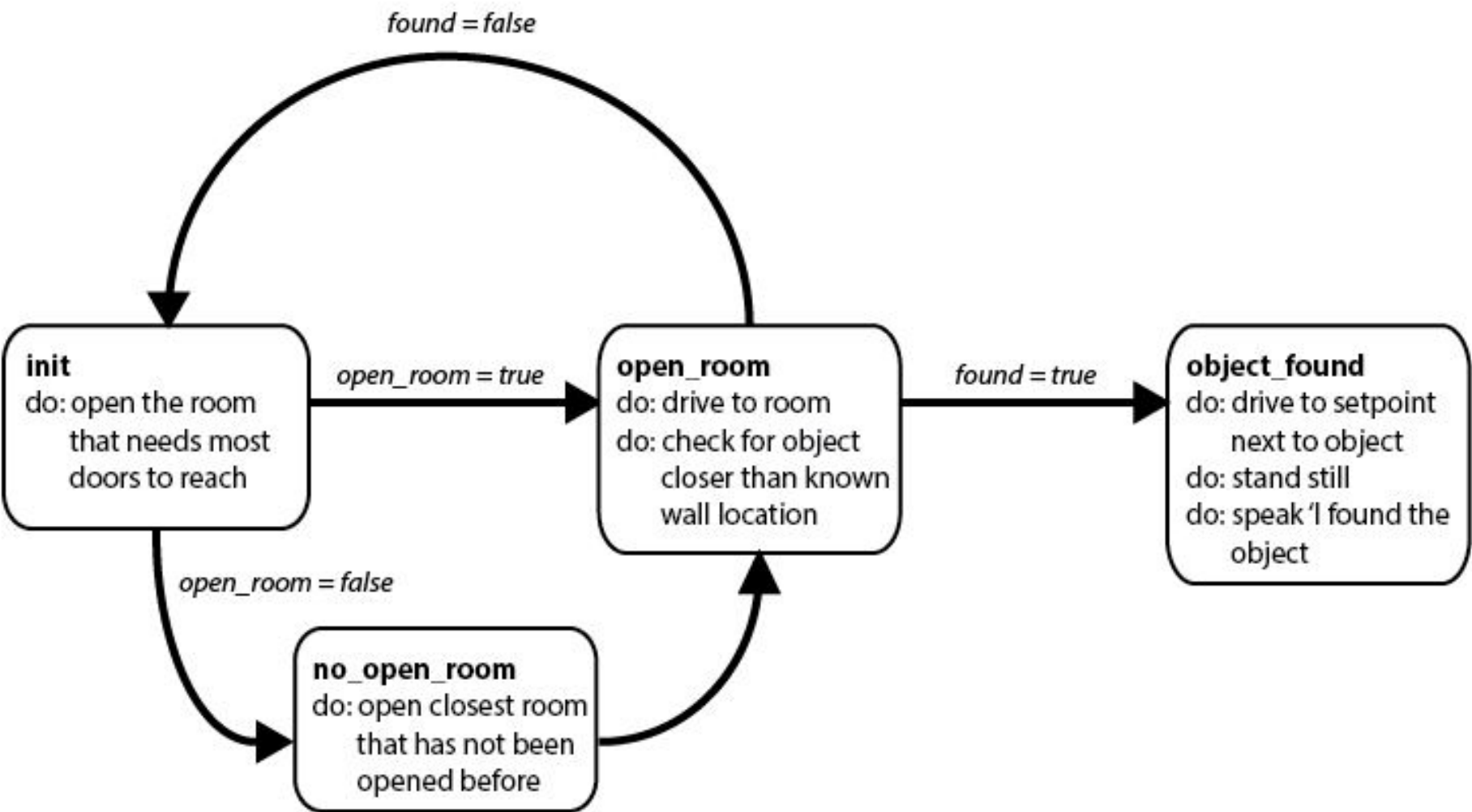
Hospital challenge

- Follow corridor to first door
- Enter room, map it
- In case of second door in room, go through
- After mapping all consecutive rooms, go back to corridor
- Repeat

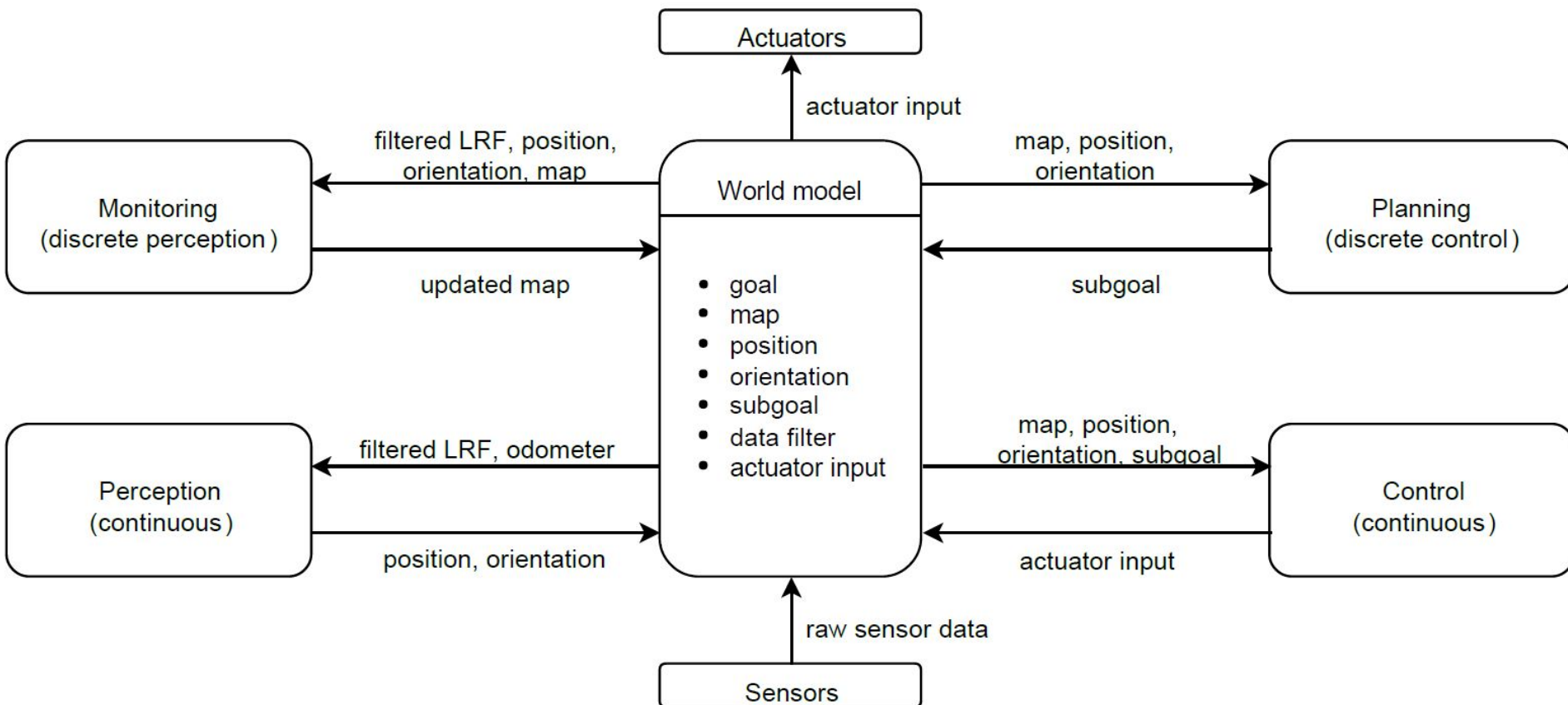
Finding object

- Use high-level hint to find room
- Look for laser data points deviating from the saved wall data

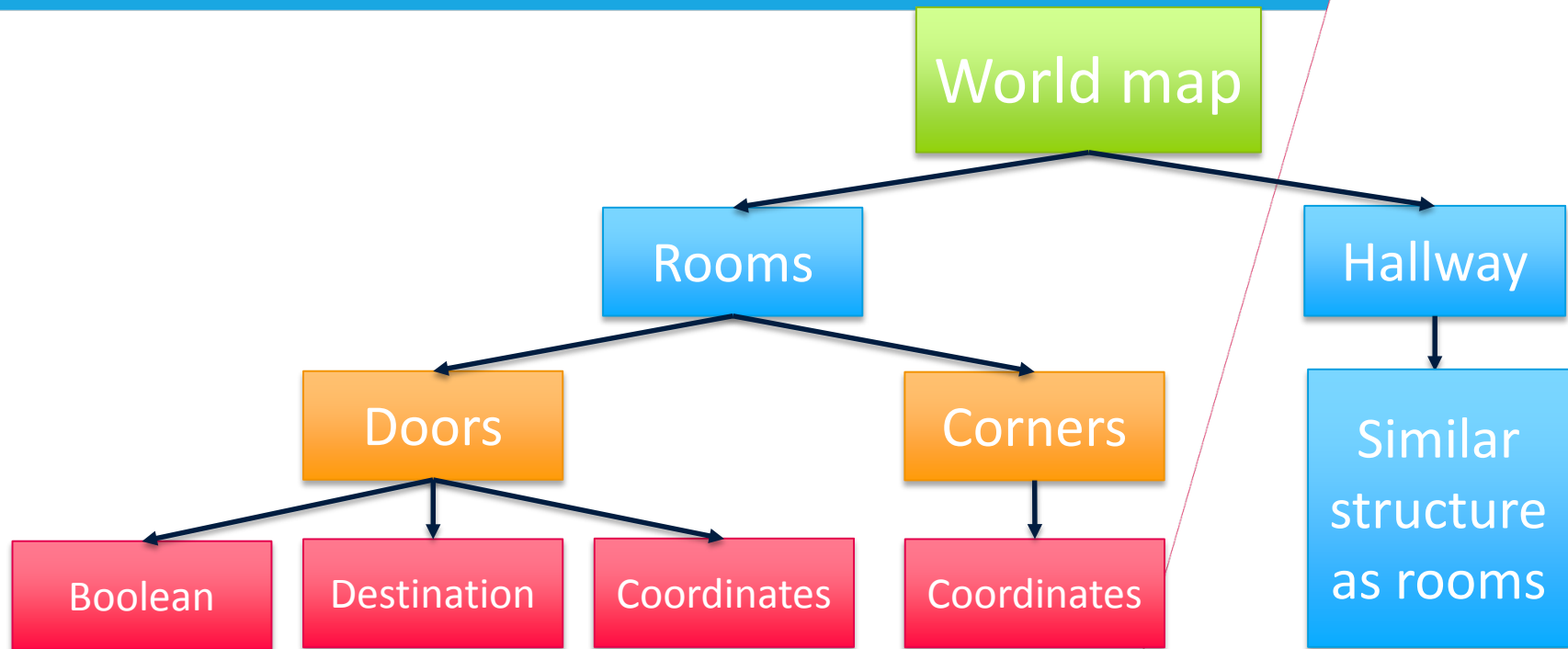




Interface



Structure



Monitoring: split and merge

