

IDEA #5

Flying Hotel Room Cleaning

”Hotel room cleaning is a very physically demanding job, often under time pressure. The lifting and bending that the cleaning staff need to do on a daily basis could be reduced by a furniture-lifting system. Hotel beds and tables could be lifted up ca. 1 meter from the floor, with an already existing electric linear actuator solutions. This would cause a more employee friendly environment and more precised vacuuming, floor washing and especially bed making without strain on the back / shoulder. Through an interplay between the hotel driver card solution and the ”actuator units” in the room, the cleaning staff, when they come to a room, can activate the room units (lift for bed, table) and the room would be ready for cleaning. After cleaning with the card immersion is activated.”

Needed competences:

- electronics engineer with focus on hardware and software solution and perhaps knowledge of intelligent card solutions / door lock
- business economy (production model pcs. price calculation, patent protection of idea.
- skills for market analysis (focus on hotels worldwide - newly built after 2020 and the opportunity for sales when renovating existing hotels built before 2020)