## ***[CareFree](http://nealford.com/katas/kata?id=SysopSquad)***

A healthcare multinational corporation needs a new platform to provide the right care for the clients in their care facilities across all their regional markets (US, Europe, Asia, Australia)

* Users: per floor of care facility a head nurse and a few other nurses, technicians based on the size of the installation (# of sensors and other equipment)
* Requirements:
  + A nurse can see the daily lifecycle of a client without interrupting his day
  + Various client statuses can be monitored in the application (in bed, in bathroom, out of room, out of building)
  + A head nurse can configure various alerts for a client (on/off, timing, night/day access)
  + Various client alerts can be issued by the system if detected (too long in bed, fallen, inactive, out of room)
  + The client status is reported by various sensors installed throughout the facility
  + Technicians add sensors to the system once when the installation occurs
  + Simple nurses should only need a mobile device for monitoring their clients
* Additional Context:
  + uptime is critical to the company's reputation
  + the site's performance must scale under heavy load
  + installation size is expected to be about 100 rooms per site with 10 sensors per room
  + The company wants to limit the number of hardware boxes on site so the goal would be to provide a global platform for all regions
  + good alert and status reporting is critical to making a profit