Fall Prevention

**Problem**: One of the most frequent injuries to patients after brain-surgery is caused by falling off their hospital bed.

**Solution**: Fall Prevention is a layer of physical sensors that, with the help of Machine Learning, helps indicate before a patient is falling and alarm the nurses so that it can be prevented.

The main advantage of this project over other solutions is how cheap and scalable it is. Using just 8 sensors per bed and one local network.

Features Included:
- Physical layer of sensors
- Data Collection
- Prediction (using Deep Learning)

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A Project in Internet of Things (IoT)