

## Assignment App Ideas:

Our App will be connected to our Project in Assisted Living with Yeongmi. The project is a grip strength measurement device. It consists out of a handle that is mounted on a threaded rod. Inside the handle there are pressure sensors. The linear stage is moving up and down when the grip has dropped under a certain threshold.

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Our device and app exchange data, which includes the device's grip strength, its current position, the velocity and direction of the linear stage, and the force measured by each sensor. The app features 'Start' and 'Stop' buttons to control the device's operation. It also displays the status of the ongoing task. Note that modifications to this concept may be made in the future.

