A unattended field telecom-machine room (UFTR) (ID, location) uses the instrument (ID, stationID, type, power-saving mode) to collect the value of environment parameter according to the preconfigured collection mode, then summarizes them according to the preconfigured period, then sends it to a urban management center (name) that can remotely controls and configures the UFTR station and their instruments. The instrument include Thermometer (unit, range, threshold, resolution, circuit-mode), Hygrometer (unit, range, threshold, resolution, bus-mode) and Hydrometer (unit, range, threshold, resolution, socket-model). The instrument provide an interface named as Controller that can remotely starts, shuts down, configure the power-saving model and collection mode of the instruments.

Your tasks: draw the class diagram.

无人值守的现场电信机房(UFTR) (ID, location)通过仪器(ID, stationID, type，节电模式)按照预配置的采集方式采集环境参数值，然后根据预配置的时间段汇总，发送给城管中心(名称)，城管中心可以远程控制和配置UFTR站及其仪器。仪器包括温度计(单位，量程，阈值，分辨率，电路模式)，湿度计(单位，量程，阈值，分辨率，总线模式)和比重计(单位，量程，阈值，分辨率，插座模型)。仪器提供了一个名为Controller的接口，可以远程启动、关机、配置仪器的节电型号和采集方式。

参考课件：6.1-6.4