222001975

Mayet, AA

UML Design

IIoTMonitor

-sensors: IIoTSensor**
-scanner: IIoTscanner
-intRows: int
-intCols: int
+ISACTIVE: static const constexpr bool
+TEMP: static constexpr double
+HUMIDITY: static const int
+PRESSURE: static constexpr double
+LIGHT_INTENSITY: static constexpr double
+DEFUALT_ROWS: static const int
+DEFAULT_COLS: static const int

+IIoTMonitor()
+IIoTMonitor(intRows:int,intCols:int,sensors:IIoTSensor)
+toString(): string
+scan(): void
+getRows(): int
+getCols(): int
+getSensorData(r:int,v:int): IIoTSensor
+notActive(Active:bool,r:int,c:int): void
-clone(objMonitor:const IIoTMonitor): void
+deallocmem(): void
+generaterandomnumb(low:int,high:int): int
+setSensorData(): void

Class

+scan(objMonitor:IIoTMonitor): void cons