

Data

PressureControl
+ runMotor() + runValve() + turnMotorOn(in speed: unsigned short) + turnMotorOff() + turnValveOn() + turnValveOff()

ExternalMemory
+ initializeSDCard() + generateRandomNumber(): string + checkFilesSD(in dir: File, in val: string): string + writeToSDCard(in textToSD: string) + createFileTemplate(in filename: string)

InternalMemory
+ writeToEEPROM(in adr: integer, in value: unsigned short) + readFromEEPROM(in adr: integer): unsigned short

PressureSampling
+ getCuffPressure(): unsigned short + runningPeakDetect(in peaks[]: unsigned short, in cuffPressure[]: unsigned short, in peakArrayLenght: unsigned short, in *totalNumberOfPeaks: unsigned short, in pc: PressureControl, in util: Utilities)