

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
```

PressureSampeling

```
+ 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)
```