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| **ControlUnit** |
| +SAFEMIN: static int  +SAFEMAX: static int  +MAXDOSPERDAY: static int  +MAXDOSEALLOWED: static int  +sensor: bloodSensor  +pump: insulinPump  +power: powerSupply  +resivor: insulinResivore  +sugarRead1: int  +sugarRead2: int  +multipleDose: int  +bloodSugarLow: boolean  +bloodSugarHigh: boolean |
| +control()  +isBloodSugarLow()  +isBloodSugarHigh()  +setBloodSugarLow()  +setBloodSugarHigh()  +controlReset()  +getMultipleDose()  +setMultipleDose()  +getMaxDose()  +findMaxDose()  +calculateDose()  +controlReset()  +checkSystem() |

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| **NeedleAssembly** |
| +needleCon: boolean |
| +needleAssembly()  +isNeedleAssemblyCon()  +setNeedAssemblyCon() |

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| **PowerSupply** |
| +powerLevel: int  +minPowerLevel: int |
| +powerSupply()  +setPowerLevel()  +getPowerLevel()  +checkBatteryLevel() |

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| **Alarm** |
| +timeInterval: int |
| +alarm()  +getAlarm()  +setAlarm() |

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| **BloodSensor** |
| +bloodSugarLevel: int  +bloodSensorWorking: boolean |
| +bloodSensor()  +getBloodSugar()  +setBloodSugar()  +isBloodSensorWorking()  +setBloodSensorWorking() |

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| **InsulinResivor** |
| +insulinLevel(): int  +insulinLevelLow: int |
| +insulinResivor()  +setInsulinLevel()  +getInsulinLevel()  +isInsulinLevelLow()  +isInsulinLevelEmpty() |

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| **Display** |
| +mode: String  +controller: controlUnit  +timer: alarm  +window: display |
| +display()  +refreshDisplay()  +main() |

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| **InsulinPump** |
| +pumpWorking: boolean |
| +isPumpWorking() |