BTM Overall Function
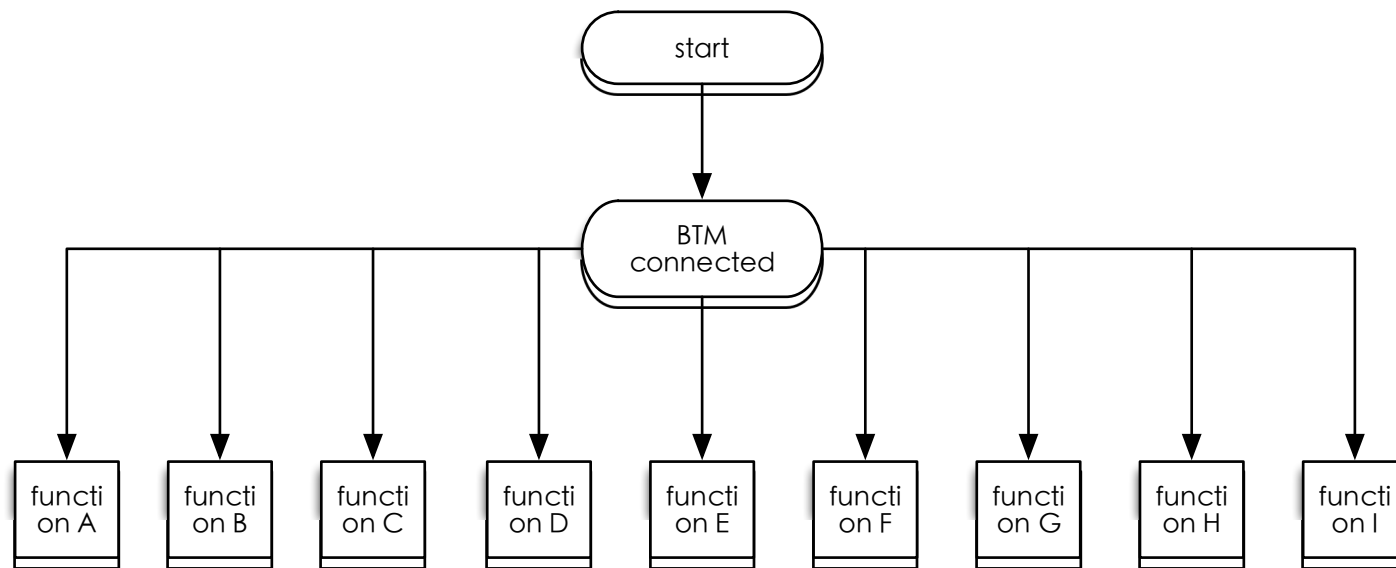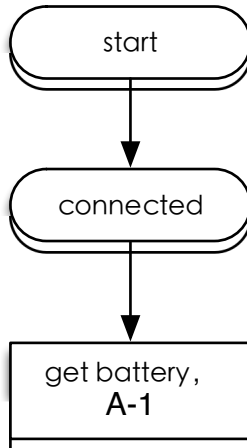
notice：Api calls must be one by one ,when the end of an Api can call another, otherwise it will cause function failure.

```
                    ┌──────────┐
                    │  start   │
                    └────┬─────┘
                         │
                         ▼
                    ┌──────────┐
          ┌─────────┤   BTM    ├─────────┬─────────┬─────────┐
          │    ┌────┤connected ├────┐    │         │         │
   ┌──────┴──┬─┴──┬─┴──┬──┴───┬──┴──┬──┴──┬──┴──┬──┴──┬──┴──┐
   ▼         ▼    ▼    ▼      ▼     ▼     ▼     ▼     ▼
┌──────┐ ┌──────┐ ┌──────┐ ┌──────┐ ┌──────┐ ┌──────┐ ┌──────┐ ┌──────┐ ┌──────┐
│functi│ │functi│ │functi│ │functi│ │functi│ │functi│ │functi│ │functi│ │functi│
│on A  │ │on B  │ │on C  │ │on D  │ │on E  │ │on F  │ │on G  │ │on H  │ │on I  │
└──────┘ └──────┘ └──────┘ └──────┘ └──────┘ └──────┘ └──────┘ └──────┘ └──────┘
```
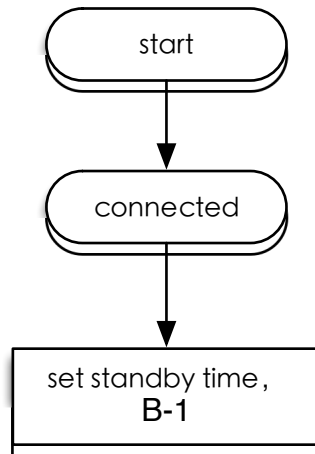
BTM Function A – Get Battery

notice：Api calls must be one by one ,when the end of an Api can call another, otherwise it will cause function failure.

```
        ┌──────────────┐
        │    start     │
        └──────────────┘
               │
               ▼
        ┌──────────────┐
        │  connected   │
        └──────────────┘
               │
               ▼
        ┌──────────────┐
        │ get battery, │
        │     A-1      │
        └──────────────┘
```
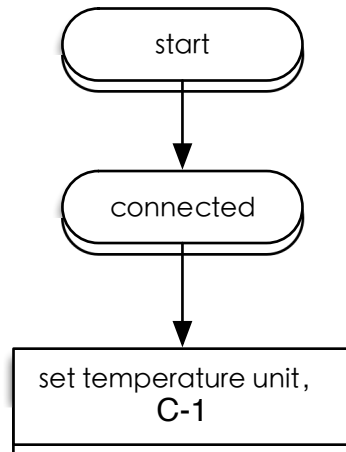
A-1：getBattery()

BTM Function B – Set Standby Time

notice：Api calls must be one by one ,when the end of an Api can call another, otherwise it will cause function failure.

```
        ┌──────────────┐
        │    start     │
        └──────┬───────┘
               │
               ▼
        ┌──────────────┐
        │  connected   │
        └──────┬───────┘
               │
               ▼
        ┌──────────────────┐
        │ set standby time，│
        │       B-1        │
        └──────────────────┘
```
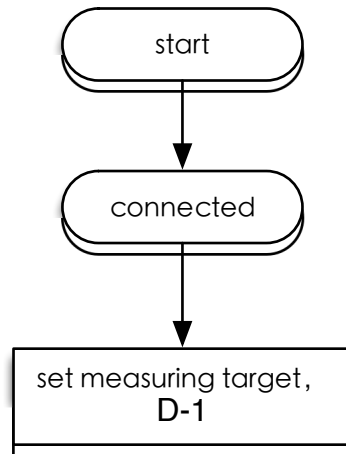
B-1： setStandbyTime()

BTM Function C – Set Temperature Unit

notice：Api calls must be one by one ,when the end of an Api can call another, otherwise it will cause function failure.

```
        ┌──────────────┐
        │    start     │
        └──────┬───────┘
               │
               ▼
        ┌──────────────┐
        │  connected   │
        └──────┬───────┘
               │
               ▼
   ┌───────────────────────┐
   │ set temperature unit，│
   │         C-1           │
   └───────────────────────┘
```
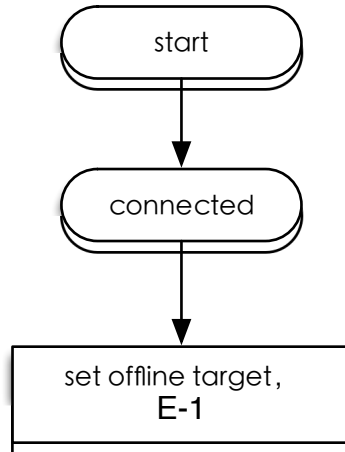
C-1： setTemperatureUnit()

BTM Function D – Set Measuring Target

notice：Api calls must be one by one ,when the end of an Api can call another, otherwise it will cause function failure.

```
         ┌──────────────┐
         │    start     │
         └──────────────┘
                │
                ▼
         ┌──────────────┐
         │  connected   │
         └──────────────┘
                │
                ▼
      ┌─────────────────────┐
      │ set measuring target,│
      │        D-1          │
      └─────────────────────┘
```

D-1：setMeasuringTarget()

BTM Function E – Set Offline Target

notice： Api calls must be one by one ,when the end of an Api can call another, otherwise it will cause function failure.

```
        ┌─────────────┐
        │    start     │
        └─────────────┘
               │
               ▼
        ┌─────────────┐
        │  connected   │
        └─────────────┘
               │
               ▼
  ┌───────────────────────┐
  │  set offline target,  │
  │         E-1           │
  └───────────────────────┘
```
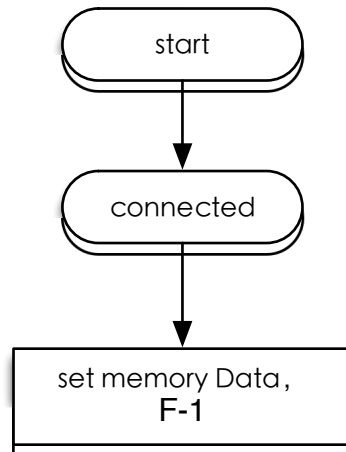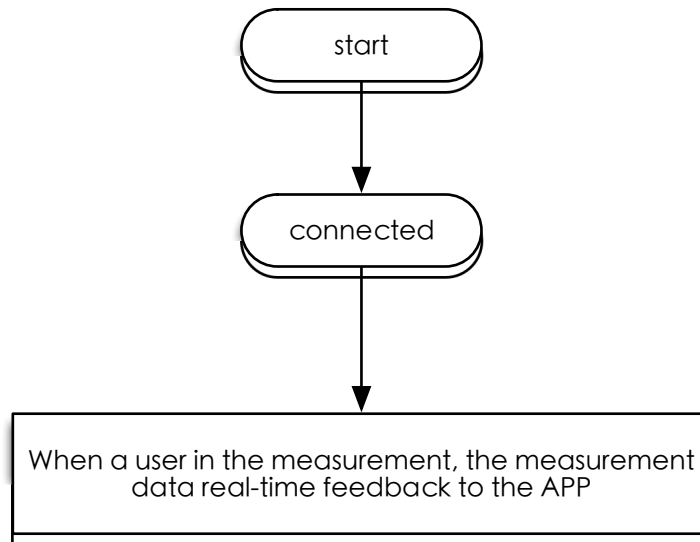
E-1： setOfflineTarget()

BTM Function F – Get Memory Data

notice： Api calls must be one by one ,when the end of an Api can call another, otherwise it will cause function failure.

```
        ┌─────────────┐
        │    start    │
        └─────────────┘
               │
               ▼
        ┌─────────────┐
        │  connected  │
        └─────────────┘
               │
               ▼
    ┌─────────────────────┐
    │  set memory Data ,   │
    │         F-1          │
    └─────────────────────┘
```
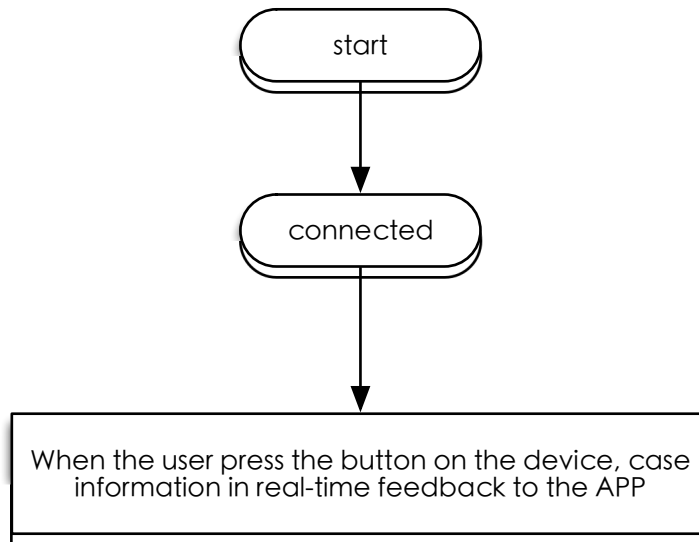
F-1： getMemoryData()

BTM Function G – Measure Online

notice：After the success of the devices connected to the APP, when a user in the measurement, the measurement data can be real-time feedback to the APP,Don't need to invoke a particular API

```
        ┌─────────────┐
        │    start    │
        └─────────────┘
               │
               ▼
        ┌─────────────┐
        │  connected  │
        └─────────────┘
               │
               ▼
┌──────────────────────────────────────┐
│  When a user in the measurement, the  │
│     measurement data real-time        │
│       feedback to the APP             │
└──────────────────────────────────────┘
```
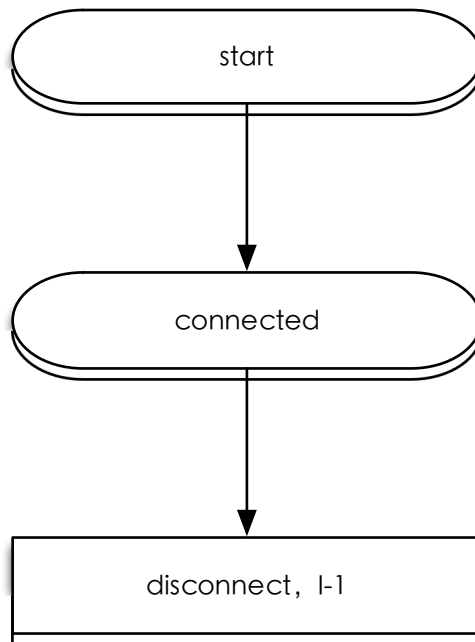
BTM Function H – Key State

notice：After the success of the devices connected to the APP, when the user press the button on the device, the key information in real-time feedback to the APP, don't need to invoke a particular API

```
        ┌──────────────┐
        │    start     │
        └──────┬───────┘
               │
               ▼
        ┌──────────────┐
        │  connected   │
        └──────┬───────┘
               │
               ▼
┌─────────────────────────────────────────┐
│ When the user press the button on the    │
│ device, case information in real-time     │
│ feedback to the APP                       │
└─────────────────────────────────────────┘
```

BTM Function I – Disconnect

```
        ┌──────────────────────────┐
        │          start           │
        └──────────────────────────┘
                     │
                     ▼
        ┌──────────────────────────┐
        │        connected         │
        └──────────────────────────┘
                     │
                     ▼
        ┌──────────────────────────┐
        │     disconnect, I-1      │
        └──────────────────────────┘
```

I-1： disconnect()