HS2 Overall Function
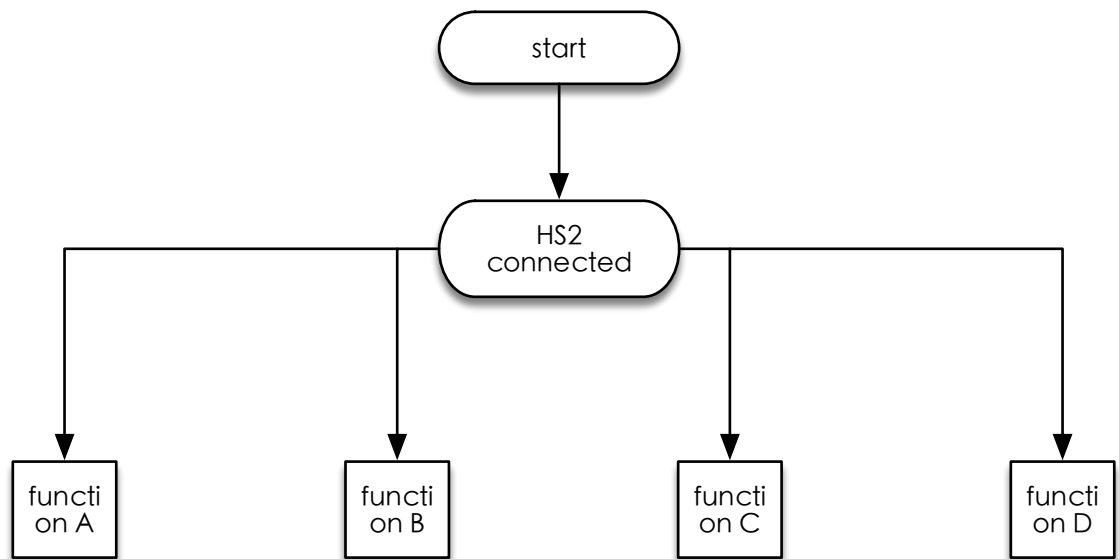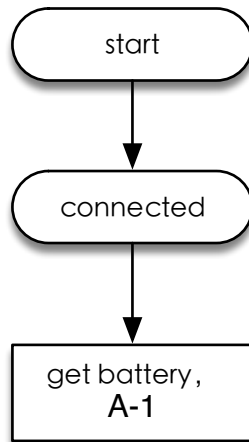
notice：Api calls must be one by one ,when the end of an Api can call another, otherwise it will cause function failure.

```
                         ┌──────────┐
                         │  start   │
                         └────┬─────┘
                              │
                              ▼
                         ┌──────────┐
          ┌──────────────┤   HS2    ├──────────────┐
          │         ┌────┤ connected├────┐         │
          │         │    └──────────┘    │         │
          ▼         ▼                    ▼         ▼
      ┌───────┐ ┌───────┐           ┌───────┐ ┌───────┐
      │functi │ │functi │           │functi │ │functi │
      │ on A  │ │ on B  │           │ on C  │ │ on D  │
      └───────┘ └───────┘           └───────┘ └───────┘
```

HS2 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      │
└─────────────┘
```
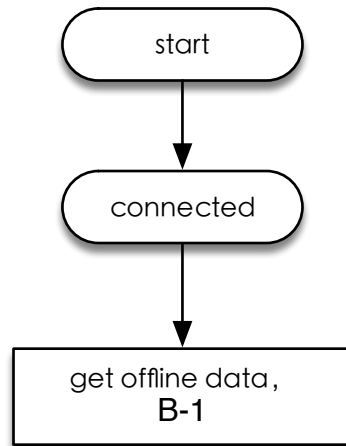
A-1: getBattery()

HS2 Function B – Get Offline 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   │
          └─────────────┘
                 │
                 ▼
      ┌─────────────────────┐
      │  get offline data,  │
      │        B-1          │
      └─────────────────────┘
```
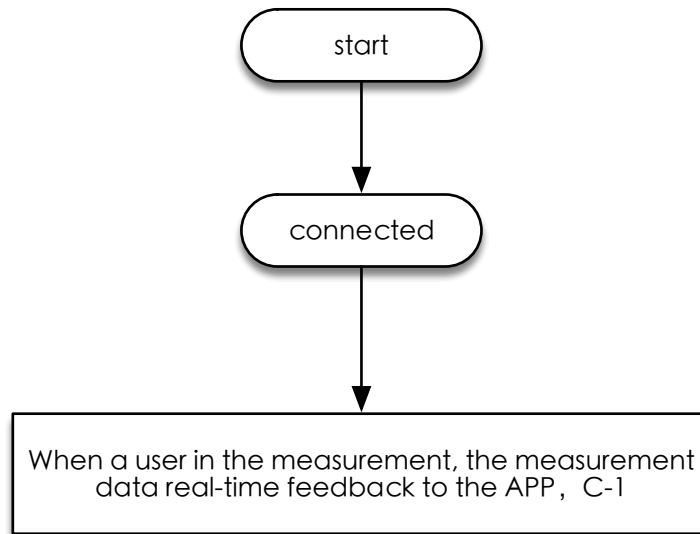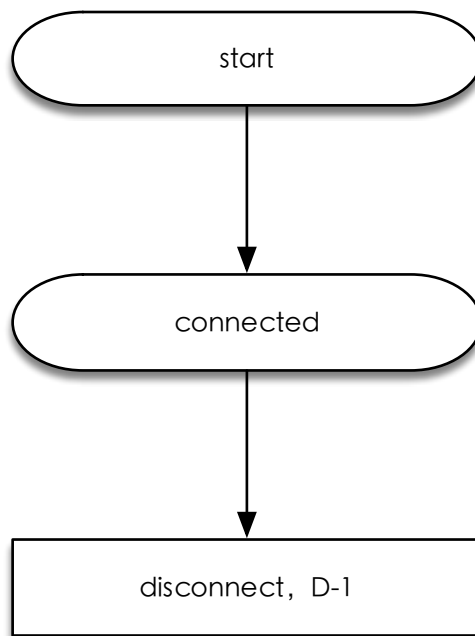
B-1： getOfflineData()

HS2 Function C – Measure Online

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   │
└─────────────┘
       │
       ▼
┌────────────────────────────────────────────┐
│ When a user in the measurement, the measurement│
│    data real-time feedback to the APP，C-1    │
└────────────────────────────────────────────┘
```

C-1：measureOnline(int unit，int userId)

HS2 Function D – Disconnect

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

D-1: disconnect()