S2数据库设计

数据名：smart\_cup\_s2\_db

1 水杯状态数据表

cup\_state\_tb

{

device\_uid

mode[idle,drink,tea,coffee]

temp

temp\_state[heating(加热中),preservation(保温中),idle(空闲中),cooling(降温中)]

tds

electric

charge [yes,no]

ssid

rssi

date

}

2 智能饮水

drink\_state\_tb

{

device\_uid

drink\_mode[manual,auto]

manual\_temp[35-70]

spring\_temp

summer\_temp

autumn\_temp

winter\_temp

rest\_time[距离结束所需要的时间，单位秒]

}

3 泡茶状态表

tea\_state\_tb

{

device\_uid

tea\_id

tea\_name

tea\_mode[pres,auto]

tea\_stage[1,2,3,4]

stage\_level[0-100]

rest\_time[距离结束所需要的时间，单位秒]

}

4 冲咖啡状态表

coffee\_state\_tb

{

device\_uid

coffee\_id

coffee\_mode[pres,auto]

coffee\_stage[1,2,3,4]

stage\_level[0-100]

rest\_time[距离结束所需要的时间，单位秒]

}

5 杯子设置

cup\_setting\_tb

{

device\_uid

cup\_volume

utc

http\_host

push\_host

ota\_host

ota\_port

monitor\_host

setting\_version

current\_version

sync\_num

}

6 用户提醒设置

user\_smart\_notice\_tb

{

auth\_id

smart\_notice[yes,no]

}

7 定时提醒设置

user\_fix\_notice\_tb

{

auth\_id

notice\_time

notice\_drink\_num

}

8 摇一摇互动提醒

shake\_notice\_tb

{

auth\_id

friend\_auth\_id

notice\_num

}

9 付费功能标志

pay\_function\_tb

{

device\_uid

temp\_warning[yes,no]

quality\_detection[yes,no]

suitable\_drinking[yes,no]

smart\_tea[yes,no]

smart\_coffee[yes,no]

smart\_shake[yes,no]

}

10 饮水次数历史记录

drink\_history\_tb

{

auth\_id

drink\_time

mode[drink,tea,coffee]

temp

tds

}

11 泡茶或咖啡记录

tea\_coffee\_history\_tb

{

auth\_id

drink\_id[茶或咖啡的id]

drink\_name[茶或者咖啡的名称]

drink\_type[tea,coffee]

drink\_time

}

13 茶或咖啡类型表

tea\_coffee\_tb

{

drink\_id[茶或咖啡编号]

user\_id[system,auth\_id]自定义的填用户的auth\_id

drink\_name[茶或者咖啡的名称]

drink\_type[tea,coffee]

make\_temp[冲泡温度]

brewing\_time[冲泡时间]

preservation[保温温度]

}