成品转账程序

1.栏位说明

Part/CN ：料号或者箱号 对应数据库栏位partid/ CARTON\_ID

QTY ：数量 对应数据库栏位actual\_qty

loc ：库位 对应数据库栏位to\_loc

san obj（扫描） （扫描栏位Part/CN）

TS NO：转库单号 对应数据库栏位tsno

PartNO ：料号 对应数据库栏位partid

Applied：数量 对应数据库栏位applied\_qty

FromWH：库原位 对应数据库栏位from\_wh

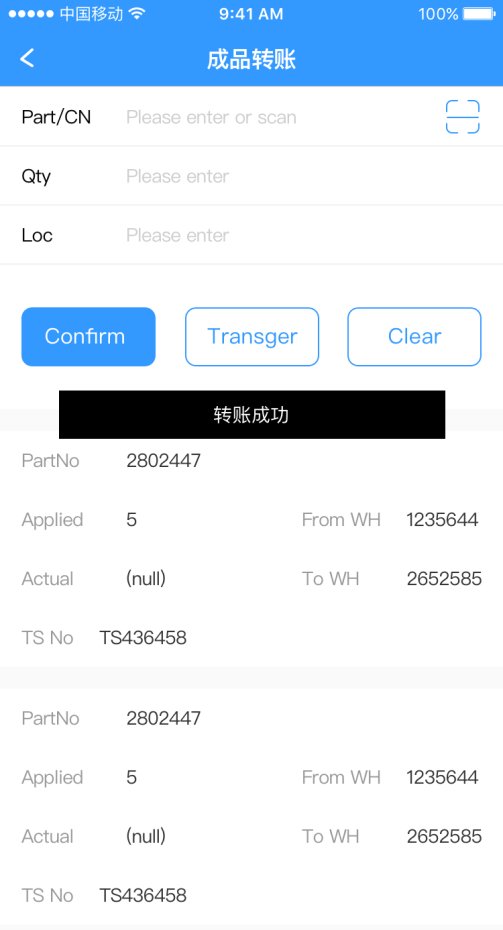
TO WH ：现库位 对应数据库栏位to\_wh

Actual ：实际输入数量 对应数据库栏位scan\_qty

2.功能描述

成品料转库

3.主用户界面



人机交互逻辑

1. 焦点在Part/CN时扫描箱号或料号 (这里的扫描和成品备货类似，可以直接调用那个补充API)

判断扫描结果是否为料号，API调用地址：  
/WarehouseManage/IsPartByObj?obj=Part/CN  
result=1 是料号，返回：{"code":0,"data":{"result":"1"},"msg":"Successfully!"}

判断下面列表是不是包含此料号，如果包含则焦点转移至Qty输入框，不包含则询问是否重新查询转料单，如果选择是询则调用地址更新界面数据:   
 /WarehouseManage/GetFinishGoodsInfo?strInput=Part/CN  
返回：  
{"code":0,"data":[{"tsno":"TS-18100001","itemnumber":1,"partid":"067556-TT","scan\_qty":2.0,"applied\_qty":2.0,"from\_wh":"DEC-20","from\_loc":"SMT","to\_wh":"DEC-4","to\_loc":"FJ101","applied\_by":"KevinLi","applied\_date":"2018-10-30T09:13:01.91","confirmed\_by":"KevinLi","confirmed\_date":"2018-10-30T09:18:22.53","actual\_qty":null,"transfer\_by":null,"transfer\_date":null,"status":"ACTIVE","temp\_no":"9CF6CFA4-5C3F-403A-8543-DE1B489652B1","excluded":false},{"tsno":"TS-18100001","itemnumber":2,"partid":"0503-000001-04","scan\_qty":10.0,"applied\_qty":10.0,"from\_wh":"DEC-20","from\_loc":"SMT","to\_wh":"DEC-4","to\_loc":"FJ107","applied\_by":"KevinLi","applied\_date":"2018-10-30T09:13:01.873","confirmed\_by":"KevinLi","confirmed\_date":"2018-10-30T09:18:22.53","actual\_qty":null,"transfer\_by":null,"transfer\_date":null,"status":"ACTIVE","temp\_no":"ABEA40A6-0183-4FF4-817B-44C23504ABD7","excluded":false}],"msg":"Successfully!"}

**result=0不是料号**，返回：{"code":0,"data":{"result":"0"},"msg":"Successfully!"}

如果不是料号，需要判断扫描结果是否为箱号，获取箱号有三个方法，当第一个方法无返回数据时，调用第二个，依次类推，如果三个方法都没有获得返回信息，那说明扫描结果是无效的。如果是箱号询问是否重新查询转料单，如果重新查询则调用地址:   
/WarehouseManage/GetFinishGoodsInfo?strInput=Part/CN  
返回：  
{"code":0,"data":[{"tsno":"TS-18100001","itemnumber":1,"partid":"067556-TT","scan\_qty":2.0,"applied\_qty":2.0,"from\_wh":"DEC-20","from\_loc":"SMT","to\_wh":"DEC-4","to\_loc":"FJ101","applied\_by":"KevinLi","applied\_date":"2018-10-30T09:13:01.91","confirmed\_by":"KevinLi","confirmed\_date":"2018-10-30T09:18:22.53","actual\_qty":null,"transfer\_by":null,"transfer\_date":null,"status":"ACTIVE","temp\_no":"9CF6CFA4-5C3F-403A-8543-DE1B489652B1","excluded":false},{"tsno":"TS-18100001","itemnumber":2,"partid":"0503-000001-04","scan\_qty":10.0,"applied\_qty":10.0,"from\_wh":"DEC-20","from\_loc":"SMT","to\_wh":"DEC-4","to\_loc":"FJ107","applied\_by":"KevinLi","applied\_date":"2018-10-30T09:13:01.873","confirmed\_by":"KevinLi","confirmed\_date":"2018-10-30T09:18:22.53","actual\_qty":null,"transfer\_by":null,"transfer\_date":null,"status":"ACTIVE","temp\_no":"ABEA40A6-0183-4FF4-817B-44C23504ABD7","excluded":false}],"msg":"Successfully!"}

如果不重新查询则清空Part/CN  
获取箱号信息API调用地址：  
a. /WarehouseManage/GetNormalCartonInformationByCartonID?cartonid=Part/CN  
返回：  
有数据：  
{"code":0,"data":[{"CARTON\_ID":"NT20181000296","PRODUCT":"BD-328116G02","REV":"","PACKQTY":18}],"msg":"Successfully!"}

无数据：{"code":2,"data":{},"msg":"No data!"}  
b. /WarehouseManage/GetNoSNCartonInformationByCartonID?cartonid=Part/CN  
返回：  
有数据：  
{"code":0,"data":[{"CARTON\_ID":"TT20181029025346","PARTID":"289004674","REV":"","PACKQTY":8}],"msg":"Successfully!"}

无数据：{"code":2,"data":{},"msg":"No data!"}  
c. /WarehouseManage/GetPICSCableCartonInformationByCartonID?cartonid=Part/CN  
返回：

有数据：  
{"code":0,"data":[{"CARTON\_ID":"CN20180906062","PARTID":"9020-17000-01","REV":"F","PACKQTY":20.0}],"msg":"Successfully!"}

无数据：{"code":2,"data":{},"msg":"No data!"}

1.人机交互逻辑——点击Search按钮：

输入Part/CN，点击Search按钮查询需转库清单

API调用地址:   
 /WarehouseManage/GetFinishGoodsInfo?strInput=Part/CN

{"code":0,"data":[{"tsno":"TS-18070398","itemnumber":1,"partid":"1R120191-1000","scan\_qty":16.0,"applied\_qty":16.0,"from\_wh":"DEC-103","from\_loc":"Integration","to\_wh":"DEC-4","to\_loc":"FH201","applied\_by":"YueMingZhao","applied\_date":"2018-07-30T16:21:31.72","confirmed\_by":"YueMingZhao","confirmed\_date":"2018-07-30T16:21:35.83","actual\_qty":null,"transfer\_by":null,"transfer\_date":null,"status":"ACTIVE","temp\_no":"058602C6-3D71-4FEC-A5FF-BB5B63EBDF7F","excluded":false}],"msg":"Successfully!"}

2.人机交互逻辑--点击Confirm保存需要转账的料号的数量和库位

焦点在LOC输入框,输入库位点击回车键或Confirm按钮保存数据  
如果partid和Part/CN输入框有内容，并且是在料号在下面当前转库单号TSNO中的出现时  
API调用地址：

/WarehouseManage/TsnoConfirm?strInput=Part/CN&QTY=QTY&LOC=LOC&TSNO=TSNO

{"code":0,"data":{},"msg":"Successfully!"}

3.人机交互逻辑—点击Transger按钮

/WarehouseManage/Transger?TSNO=TSNO&Userid=Userid

{"code":0,"data":,"msg":"Successfully!"}

如果返回code的是0则显示保存成功，并清空所有数据

如果返回的code是1则显示保存失败

如果返回的code是2则显示保存失败

4.人机交互逻辑—点击Clear按钮

清空所有数据(如果有未结束转库单，需提示用户是否确定继续)

**补充获取箱号信息的API**：

/WarehouseManage/GetCartonInformationByCartonID?cartonid=Part/CN  
返回：

{"code":0,"data":[{"CARTON\_ID":"CN20180906062","PARTID":"9020-17000-01","REV":"F","PACKQTY":20.0}],"msg":"Successfully!"}