Model Design of Bicycle

system file model

T_DM_SYS_FILE
- FILE_ID: double
- FILE_LOCATION: varchar(255)
- DESC: varchar(255)

emplyee model

T_DM_OPERATOR
- OP_ID: double
- OP_NAME: varchar(50)
- OP_PASSWORD: varchar(50)

T_DM_MANAGER
- MA_ID: double
- MA_NAME: varchar(50)
- MA_PASSWORD: varchar(50)

OP_ID

user model

T_USER_RECHARGE_LOG
- RECHARGE_ID: double
- USER_ID: double
- RECHARGE_DATE: varchar(255)
- RECHARGE_AMOUNT: double

USER_ID

T_DM_USER
- USER_ID: double
- USER_NAME: varchar(50)
- USER_ACCOUNT_BALANCE: double
- USER_PASSWORD: varchar(50)

T_USER_RENTAL_LOG
- TRIP_ID: double
- USER_ID: double
- BIC_ID: double
- START_TIME: varchar(255)
- END_TIME: varchar(255)
- START_STATION_ID: double
- END_STATION_ID: double
- TRIP_AMOUNT: double

USER_ID

USER_ID   BIC_ID

bicycle model

T_DM_BICYCLE
- BIC_ID: double
- STATION_ID: double
- BIC_USE_STATUS: tinyint
- BIC_BROKEN_STATUS: tinyint

BIC_ID

T_BIC_REPAIR_LOG
- REPAIR_ID: double
- BIC_ID: double
- USER_ID: double
- REPORT_DATE: varchar(255)
- OP_ID: double
- STATION_ID: double
- REPAIR_DATE: varchar(255)
- REPAIR_STATUS: tinyint

OP_ID   STATION_ID   STATION_ID   STATION_ID

station model

T_DM_CITY_STATION
- STATION_ID: double
- STATION_NAME: varchar(50)
- LON: float
- LAT: float
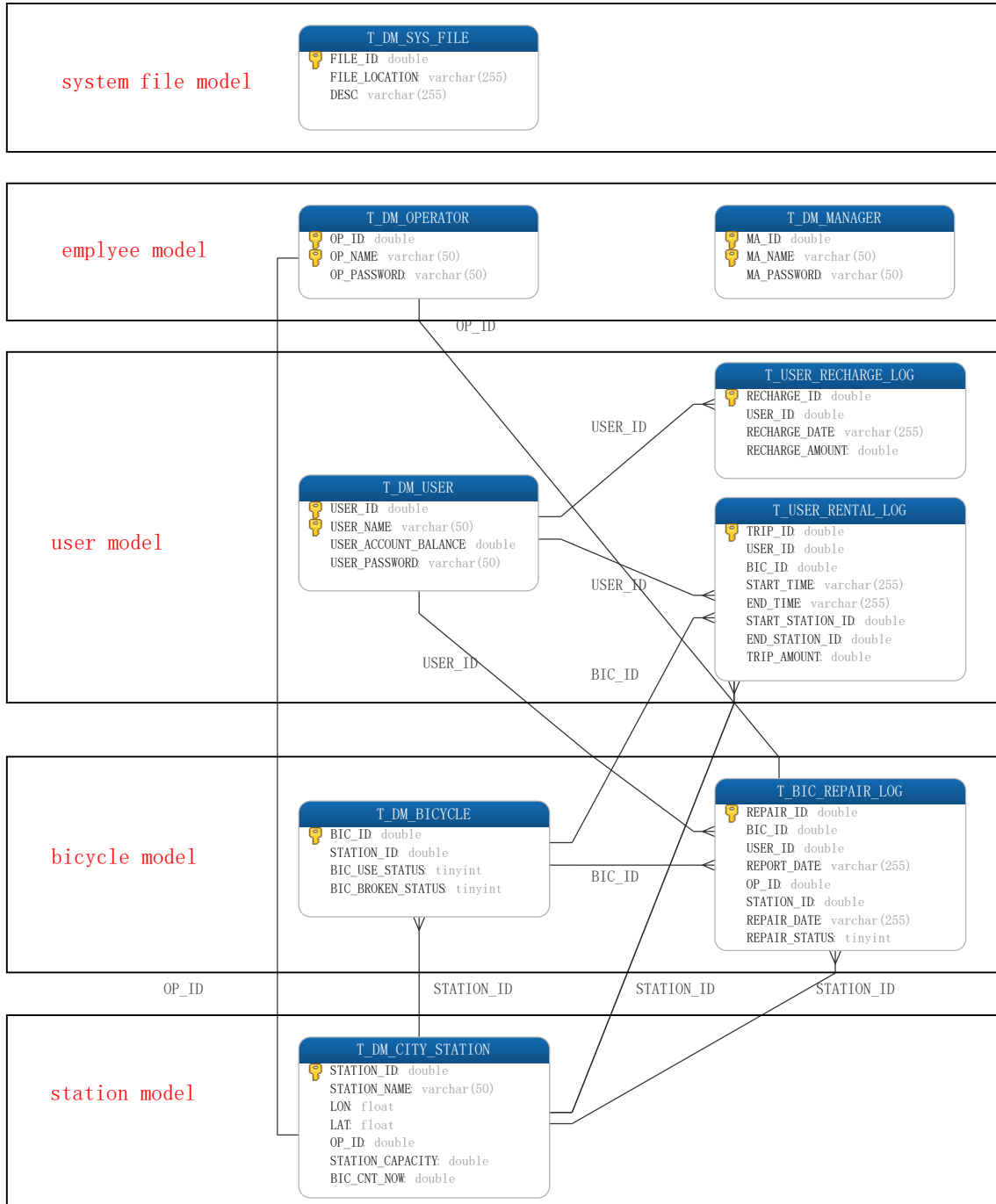- OP_ID: double
- STATION_CAPACITY: double
- BIC_CNT_NOW: double

T_DM_BICYCLE:

BIC_USE_STATUS: 0->not use ;1-> using

BIC_BROKEN_STATUS: 0->not broken ;1-> broken

T_BIC_REPAIR_LOG:

T_BIC_REPAIR_LOG: 0->not repair;1-> have repaired