SQL DDL MODEL

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```sql
CREATE DATABASE ams; CREATE SCHEMA IF
NOT EXISTS ams; SET SEARCH_Path to ams;
CREATE TABLE ams.User (

    UserId VARCHAR(80) PRIMARY KEY NOT NULL,
    UserName Varchar(50) Not null,
    Email Varchar(50) not null,
    PassWord Varchar(8) not null
);

CREATE TABLE ams.Portfolio (
    PortfolioID DECIMAL(9,0) PRIMARY KEY Not null,
    PortfolioName VARCHAR(50) NOT NULL,
    CreationDate DATE NOT NULL,
    UserId VARCHAR(80) ,
    FOREIGN KEY (UserId) REFERENCES ams.User(UserId)
    ON UPDATE CASCADE ON DELETE SET NULL
);

CREATE TABLE ams.AdminLog (
    UserID VARCHAR(80) Not null,
    ActionType VARCHAR(50) NOT NULL,
    ActionDate TIMESTAMP NOT NULL
);

CREATE TABLE ams.Position (
    UserID VARCHAR(80) NOT NULL,
    ActionType VARCHAR(80) NOT NULL,
    ActionDate TIMESTAMP NOT NULL
);

CREATE TABLE ams.Asset (
AssetID INT PRIMARY KEY,
AssetName VARCHAR(100) NOT NULL,
NAV numeric(10,4) not null
);
CREATE TABLE ams.AssetData (
    AssetID INT not NULL,
    Date DATE NOT NULL,
    NAV numeric(10,4) not null  );
```

```sql
CREATE TABLE ams.Transaction (
TransactionID INT PRIMARY KEY Not null,
Amount INT ,
PortfolioID INT FOREIGN KEY,
AssetID INT,
TransactionType VARCHAR(50) NOT NULL,
Time TIMESTAMP ,
unit numeric(10,4) ,
FOREIGN KEY (PortfolioID) REFERENCES ams.Portfolio(PortfolioID) ON UPDATE
CASCADE ON DELETE CASCADE

); CREATE TABLE ams.SupportTicket (

   TicketID INT PRIMARY KEY,
   Status VARCHAR(50) NOT NULL,
   UserId VARCHAR(80),
   CreationTime TIMESTAMP NOT NULL,
   Issue TEXT NOT NULL,
   Endtime TIMESTAMP NOT NULL,
   FOREIGN KEY (UserId) REFERENCES ams.User(UserId)
   ON UPDATE CASCADE ON DELETE CASCADE
    );
```