

SQL

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1 Tables

1.1 User

```
CREATE TABLE User (
    id          int(10) NOT NULL AUTO_INCREMENT,
    staff_code  int(10) NOT NULL UNIQUE,
    password    int(10) NOT NULL,
    name        varchar(255),
    surname     varchar(255),
    address     varchar(255),
    agency      varchar(255) NOT NULL,
    Groupid    int(10) NOT NULL,
    PRIMARY KEY (id));
```

1.2 Permission

```
CREATE TABLE Permission (
    id          int(10) NOT NULL AUTO_INCREMENT,
    codename    varchar(10) NOT NULL UNIQUE,
    name        varchar(10) NOT NULL UNIQUE,
    content_type_id int(10) NOT NULL UNIQUE,
    PRIMARY KEY (id));
```

1.3 Blank

```
CREATE TABLE Blank (
    number           int(10) NOT NULL AUTO_INCREMENT,
    type            int(10) NOT NULL,
    is_sold         bit(1) NOT NULL,
    is_refunded     bit(1) NOT NULL,
    Customerid      int(10) NOT NULL,
    'date'          date NOT NULL,
    User_Bank_AssignmentUserid int(10) NOT NULL,
    User_Bank_AssignmentBlanknumber int(10) NOT NULL,
```

```
PRIMARY KEY (number),
UNIQUE INDEX (number));
```

1.4 Payment

```
CREATE TABLE Payment (
    Blanknumber int(10) NOT NULL,
    amount      int(10) NOT NULL,
    type        bit(1) NOT NULL,
    is_valid    bit(1) NOT NULL,
    is_regular  bit(1) NOT NULL,
    Currencytype int(10) NOT NULL,
    Discounttype bit(1),
    PRIMARY KEY (Blanknumber));
```

1.5 Report

```
CREATE TABLE Report (
    id          int(10) NOT NULL AUTO_INCREMENT,
    period_from date NOT NULL,
    period_to   date NOT NULL,
    created_on  date NOT NULL,
    is_global   bit(1) NOT NULL,
    number      int(10) NOT NULL,
    sales_office_place varchar(255) NOT NULL,
    PRIMARY KEY (id));
```

1.6 Group

```
CREATE TABLE 'Group' (
    id  int(10) NOT NULL AUTO_INCREMENT,
    name varchar(255) NOT NULL UNIQUE,
    PRIMARY KEY (id));
```

1.7 Report Blank Inclusion

```
CREATE TABLE Report_Bank_Inclusion (
    Reportid   int(10) NOT NULL,
    Blanknumber int(10) NOT NULL,
    PRIMARY KEY (Reportid,
    Blanknumber));
```

1.8 Group Permissions

```
CREATE TABLE Group_Permissions (
    Groupid     int(10) NOT NULL UNIQUE,
```

```
Permissionid int(10) NOT NULL,  
PRIMARY KEY (Groupid,  
Permissionid));
```

1.9 Ticket Stock Turnover Report

```
CREATE TABLE Ticket_Stock_Turnover_Report (  
Reportid int(10) NOT NULL,  
agent_received_blank_from int(10) NOT NULL,  
agent_received_blank_to int(10) NOT NULL,  
agent_used_from int(10) NOT NULL,  
agent_used_to int(10) NOT NULL,  
sub_agent_from int(10) NOT NULL,  
sub_agent_to int(10) NOT NULL,  
PRIMARY KEY (Reportid));
```

1.10 Domestic Sales Report

```
CREATE TABLE Domestic_Sales_Report (  
Reportid int(10) NOT NULL,  
PRIMARY KEY (Reportid));
```

1.11 Interline Sales Report

```
CREATE TABLE Interline_Sales_Report (  
Reportid int(10) NOT NULL,  
PRIMARY KEY (Reportid));
```

1.12 User Blank Assignment

```
CREATE TABLE User_Bank_Assignment (  
Userid int(10) NOT NULL,  
Blanknumber int(10) NOT NULL,  
comission_rate int(10) NOT NULL,  
PRIMARY KEY (Userid,  
Blanknumber));
```

1.13 Currency

```
CREATE TABLE Currency (  
type int(10) NOT NULL AUTO_INCREMENT,  
rate int(10) NOT NULL,  
PRIMARY KEY (type));
```

1.14 Discount

```
CREATE TABLE Discount (
    type bit(1) NOT NULL,
    rate int(10),
    PRIMARY KEY (type));
```

1.15 Customer

```
CREATE TABLE Customer (
    id          int(10) NOT NULL AUTO_INCREMENT,
    is_regular  bit(1) NOT NULL,
    is_valued   bit(1) NOT NULL,
    name        varchar(255) NOT NULL,
    surname     varchar(255) NOT NULL,
    address     varchar(500),
    PRIMARY KEY (id));
```

1.16 Report User

```
CREATE TABLE Report_User (
    Reportid      int(10) NOT NULL,
    Userid        int(10) NOT NULL,
    relationship_type int(10) NOT NULL,
    PRIMARY KEY (Reportid,
    Userid));
```

1.17 Foreign Keys

```
ALTER TABLE Payment ADD CONSTRAINT FKPayment981424 FOREIGN KEY (Blanknumber)
REFERENCES Blank (number);
ALTER TABLE Report_Bank_Inclusion ADD CONSTRAINT FKReport_Bla496473
FOREIGN KEY (Blanknumber) REFERENCES Blank (number);
ALTER TABLE Group_Permissions ADD CONSTRAINT FKGroup_Perm423461 FOREIGN
KEY (Groupid) REFERENCES 'Group' (id);
ALTER TABLE Group_Permissions ADD CONSTRAINT FKGroup_Perm527187 FOREIGN
KEY (Permissionid) REFERENCES Permission (id);
ALTER TABLE Domestic_Sales_Report ADD CONSTRAINT FKDomestic_S819725
FOREIGN KEY (Reportid) REFERENCES Report (id);
ALTER TABLE Interline_Sales_Report ADD CONSTRAINT FKInterline_761250
FOREIGN KEY (Reportid) REFERENCES Report (id);
ALTER TABLE Ticket_Stock_Turnover_Report ADD CONSTRAINT FKTicket_Sto281292
FOREIGN KEY (Reportid) REFERENCES Report (id);
ALTER TABLE User_Bank_Assignment ADD CONSTRAINT FKUser_Bank506842
FOREIGN KEY (Userid) REFERENCES 'User' (id);
ALTER TABLE Payment ADD CONSTRAINT FKPayment811398 FOREIGN KEY (Currencytype)
REFERENCES Currency (type);
```

```
ALTER TABLE Payment ADD CONSTRAINT FKPayment232106 FOREIGN KEY (Discounttype)
REFERENCES Discount (type);
ALTER TABLE Report_Bank_Inclusion ADD CONSTRAINT FKReport_Bla560650
FOREIGN KEY (Reportid) REFERENCES Report (id);
ALTER TABLE Blank ADD CONSTRAINT FKBlank371617 FOREIGN KEY (Customerid)
REFERENCES Customer (id);
ALTER TABLE Blank ADD CONSTRAINT FKBlank490598 FOREIGN KEY (User_Bank_AssignmentUserid,
User_Bank_AssignmentBlanknumber) REFERENCES User_Bank_Assignment
(Userid, Blanknumber);
ALTER TABLE 'User' ADD CONSTRAINT FKUser810444 FOREIGN KEY (Groupid)
REFERENCES 'Group' (id);
ALTER TABLE Report_User ADD CONSTRAINT FKReport_Use649540 FOREIGN KEY
(Reportid) REFERENCES Report (id);
ALTER TABLE Report_User ADD CONSTRAINT FKReport_Use116167 FOREIGN KEY
(Userid) REFERENCES 'User' (id);
```

2 Queries