

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_Blank_AssignmentUserid int(10) NOT NULL,  
  User_Blank_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_Blank_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_Blank_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_Blank_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_Blank_Assignment ADD CONSTRAINT FKUser_Blank506842  
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_Blank_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_Blank_AssignmentUserid,
User_Blank_AssignmentBlanknumber) REFERENCES User_Blank_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