

-- Create a database named OutOfOffice with UTF-8 character set and collation

```
CREATE DATABASE OutOfOffice CHARACTER SET utf8mb4 COLLATE utf8mb4_general_ci;
```

-- Switch to the OutOfOffice database

```
USE OutOfOffice;
```

-- Create table Employees

```
CREATE TABLE Employees (  
  ID int PRIMARY KEY AUTO_INCREMENT,  
  Full_Name varchar(255) NOT NULL,  
  Subdivision varchar(255) NOT NULL,  
  Position varchar(255) NOT NULL,  
  Status varchar(255) NOT NULL,  
  People_Partner int,  
  Out_of_Balance decimal(5,2) NOT NULL,  
  Photo blob,  
  FOREIGN KEY (People_Partner) REFERENCES Employees(ID)  
);
```

-- Create table Leave_Request

```
CREATE TABLE Leave_Request (  
  ID int PRIMARY KEY AUTO_INCREMENT,  
  Employee int,  
  Absence_Reason varchar(255) NOT NULL,  
  Start_Date date NOT NULL,  
  End_Date date NOT NULL,  
  Comment text,  
  Status varchar(50) NOT NULL DEFAULT 'New',  
  FOREIGN KEY (Employee) REFERENCES Employees(ID)  
);
```

-- Create table Approval_Request

```
CREATE TABLE Approval_Request (  
  ID int PRIMARY KEY AUTO_INCREMENT,  
  Approver int,  
  Leave_Request int,  
  Status varchar(50) NOT NULL DEFAULT 'New',  
  Comment text,  
  FOREIGN KEY (Approver) REFERENCES Employees(ID),
```

```
FOREIGN KEY (Leave_Request) REFERENCES Leave_Request(ID)
);
```

```
-- Create table Project
```

```
CREATE TABLE Project (
  ID int PRIMARY KEY AUTO_INCREMENT,
  Project_Type varchar(255) NOT NULL,
  Start_Date date NOT NULL,
  End_Date date,
  Project_Manager int,
  Comment text,
  Status varchar(50) NOT NULL,
  FOREIGN KEY (Project_Manager) REFERENCES Employees(ID)
);
```

```
-- Create table admin
```

```
CREATE TABLE admin (
  id INT PRIMARY KEY,
  login VARCHAR(50),
  password VARCHAR(50)
);
```

```
-- Inserting sample data into the admin table
```

```
INSERT INTO admin (id, login, password) VALUES
(1, 'admin', 'admin'),    -- Inserting user 'admin' with password 'admin' and id 1
(2, 'HR_Manager', 'HR_Manager'), -- Inserting user 'HR_Manager' with password
'HR_Manager' and id 2
(3, 'Project_Manager', 'Project_Manager'), -- Inserting user 'Project_Manager' with password
'Project_Manager' and id 3
(4, 'Employee', 'Employee'); -- Inserting user 'Employee' with password 'Employee' and id 4
```