

SQL queries that were used to create the database.

```
CREATE TABLE Employee (  
    ID SERIAL PRIMARY KEY,  
    FullName VARCHAR(255) NOT NULL,  
    Subdivision VARCHAR(255) NOT NULL,  
    Position VARCHAR(255) NOT NULL,  
    Status VARCHAR(50) NOT NULL,  
    PeoplePartner INT NOT NULL,  
    OutOfOfficeBalance INT NOT NULL,  
    Photo BYTEA,  
    CONSTRAINT fk_people_partner FOREIGN KEY (PeoplePartner) REFERENCES Employee(ID)  
);  
  
CREATE TABLE Project (  
    ID SERIAL PRIMARY KEY,  
    ProjectType VARCHAR(255) NOT NULL,  
    StartDate DATE NOT NULL,  
    EndDate DATE,  
    ProjectManager INT NOT NULL,  
    Comment TEXT,  
    Status VARCHAR(50) NOT NULL,  
    CONSTRAINT fk_project_manager FOREIGN KEY (ProjectManager) REFERENCES Employee(ID)  
);  
  
CREATE TABLE LeaveRequest (  
    ID SERIAL PRIMARY KEY,  
    EmployeeID INT NOT NULL,  
    AbsenceReason VARCHAR(255) NOT NULL,  
    StartDate DATE NOT NULL,  
    EndDate DATE NOT NULL,  
    Comment TEXT,  
    Status VARCHAR(50) NOT NULL,  
    CONSTRAINT fk_employee FOREIGN KEY (EmployeeID) REFERENCES Employee(ID)  
);  
  
CREATE TABLE ApprovalRequest (  
    ID SERIAL PRIMARY KEY,  
    Approver INT NOT NULL,  
    LeaveRequestID INT NOT NULL,  
    Status VARCHAR(50) NOT NULL DEFAULT 'New',  
    Comment TEXT,  
    CONSTRAINT fk_approver FOREIGN KEY (Approver) REFERENCES Employee(ID),  
    CONSTRAINT fk_leave_request FOREIGN KEY (LeaveRequestID) REFERENCES LeaveRequest(ID)  
);
```

Schematic display of table relations in the database;

