metin, diyagram, plan, teknik çizim içeren bir resim

Açıklama otomatik olarak oluşturuldu

# LOGICAL SCHEMA

EMPLOYEE ( EmployeeID, Name, Position)

WORKS ( EmployeeID(FK refers to EMPLOYEE), BranchID(FK refers to BRANCH) )

CUSTOMER ( CustomerID, Name, TC\_ID, PhoneNumber, EMail, Address)

BRANCH (BranchID, BranchManager, PhoneNum, Address, BName)

VEHICLE ( VehicleID, Model, Brand, LastInspectionDate, DailyRentalFee,Status, PlateNumber, Year, BranchID (FK refers to BRANCH), RentalID(FK refers to RENTAL))

RENTAL (RentalID,TotalFee,ReturnDate,RentalDate, CustomerID (FK refers to CUSTOMER))

DAMAGE (DamageDate,DamageStatus, DamageDescript,VehicleID (FK refers to VEHICLE))

CONDITION\_REPORT (ReportID,PreviousCondition,CurrentCondition,ReportDate,

RentalID (FK refers to RENTAL))

# PHYSICAL SHEMA

1. **EMPLOYEE**

CREATE TABLE EMPLOYEE (

EmployeeID INT PRIMARY KEY,

Name CHAR(50),

Position CHAR(50));

1. **BRANCH**

CREATE TABLE BRANCH (

BranchID INT PRIMARY KEY,

BranchManager CHAR(50),

PhoneNum CHAR(15),

Address CHAR(100),

BName CHAR(50));

1. **CUSTOMER**

CREATE TABLE CUSTOMER (

CustomerID INT PRIMARY KEY,

Name CHAR(50),

TC\_ID CHAR(20),

PhoneNumber CHAR(15),

EMail CHAR(50),

Address CHAR(100));

1. **RENTAL**

CREATE TABLE RENTAL (

RentalID INT PRIMARY KEY,

TotalFee DECIMAL(10, 2),

ReturnDate DATE,

RentalDate DATE,

CustomerID INT,

CONSTRAINT FK\_Rental\_Customer FOREIGN KEY (CustomerID) REFERENCES CUSTOMER(CustomerID));

1. **VEHICLE**

CREATE TABLE VEHICLE (

VehicleID INT PRIMARY KEY,

Model CHAR(50),

Brand CHAR(50),

LastInspectionDate DATE,

DailyRentalFee DECIMAL(10, 2),

Status CHAR(20),

PlateNumber CHAR(15),

Year INT,

1. **WORKS**

CREATE TABLE WORKS (

EmployeeID INT,

BranchID INT,

CONSTRAINT FK\_Works\_Employee FOREIGN KEY (EmployeeID) REFERENCES EMPLOYEE(EmployeeID),

CONSTRAINT FK\_Works\_Branch FOREIGN KEY (BranchID) REFERENCES BRANCH(BranchID),

CONSTRAINT PK\_Works PRIMARY KEY (EmployeeID, BranchID));

1. **DAMAGE**

CREATE TABLE DAMAGE (

DamageDate DATE,

DamageStatus CHAR(20),

DamageDescript CHAR(100),

VehicleID INT,

CONSTRAINT FK\_Damage\_Vehicle FOREIGN KEY (VehicleID) REFERENCES VEHICLE(VehicleID));

1. **CONDITION\_REPORT**

CREATE TABLE CONDITION\_REPORT (

ReportID INT PRIMARY KEY,

PreviousCondition CHAR(100),

CurrentCondition CHAR(100),

ReportDate DATE,

RentalID INT,

CONSTRAINT FK\_ConditionReport\_Rental FOREIGN KEY (RentalID) REFERENCES RENTAL(RentalID));

metin, ekran görüntüsü, yazılım, sayı, numara içeren bir resim

Açıklama otomatik olarak oluşturuldu

metin, ekran görüntüsü, yazı tipi, sayı, numara içeren bir resim

Açıklama otomatik olarak oluşturuldu