FİZİKSEL MODELLEME

CREATE\_TABLE Ogrenci(

OgrID INTEGER NOT NULL,

OgrAd VARCHAR(20) NOT NULL,

OgrSoyadVARCHAR(20) NOT NULL,

OgrTC CHAR(11) NOT NULL,

OgrDogumVARCHAR(12) NOT NULL,

OgrMailVARCHAR(50) NOT NULL,

OgrBolumAdiVARCHAR(20) NOT NULL,

OgrVeliAdiVARCHAR(20) NOT NULL,

OgrVeliSoyadiVARCHAR(20) NOT NULL,

OgrVeliAdresVARCHAR(200) NOT NULL,

OgrVeliTelefonVARCHAR(20) NOT NULL,

CONSTRAINT PK\_Ogrenci PRIMARY KEY(OgrID);

)

CREATE\_TABLE Uni(

UniID INTEGER NOT NULL,

UniAdVARCHAR(60) NOT NULL,

UniFakulteVARCHAR(60) NOT NULL,

UniBolumVARCHAR(50) NOT NULL,

UniSene DATE NOT NULL,

CONSTRAINT PK\_Uni PRIMARY KEY(UniID);

)

CREATE\_TABLE Takip(

TakipID INTEGER NOT NULL,

OgrIDINTEGER NOT NULL,

OgrGirisVARCHAR(20) NOT NULL,

OgrCikisVARCHAR(20) NOT NULL,

GunVARCHAR(20) NOT NULL,

CONSTRAINT PK\_Takip PRIMARY KEY(TakipID),

CONSTRAINT FK\_Takip-Ogrenci PRIMARY KEY(OgrID) REFERENCES Ogrenci;

)

CREATE\_TABLE Izin(

IzinIDINTEGER NOT NULL,

IzinBaslaVARCHAR(20) NOT NULL,

IzinBitVARCHAR(20) NOT NULL,

GidilenKisiVARCHAR(20) NOT NULL,

GidilenTelVARCHAR(20) NOT NULL,

GidilenAdresVARCHAR(200) NOT NULL,

CONSTRAINT PK\_Izin PRIMARY KEY(IzinID);

)

CREATE\_TABLE Muhasebe(

MuhasebeIDINTEGER NOT NULL,

OgrIDINTEGER NOT NULL,

OgrAd VARCHAR(20) NOT NULL,

KalanBorcINTEGER NOT NULL,

CONSTRAINT PK\_Muhasebe PRIMARY KEY(MuhasebeID),

CONSTRAINT FK\_Muhasebe-Ogrenci PRIMARY KEY(OgrID) REFERENCES Ogrenci;

)

CREATE\_TABLE Kasa(

OdemeAyVARCHAR(20) NOT NULL,

OdemeMiktarINTEGER NOT NULL,

CONSTRAINT PK\_Kasa PRIMARY KEY(OdemeAy);

)

CREATE\_TABLE Yurt(

YurtIDINTEGER NOT NULL,

YurtAdiVARCHAR(50) NOT NULL,

YurtAdresVARCHAR(200) NOT NULL,

YurtTelefonVARCHAR(20) NOT NULL,

YurtMailVARCHAR(50) NOT NULL,

)

CREATE\_TABLE ersonel(

PersonelIDINTEGER NOT NULL,

PersonelAdVARCHAR(20) NOT NULL,

PersonelSoyadVARCHAR(20) NOT NULL,

PersonelDepartmanVARCHAR(30) NOT NULL,

CONSTRAINT PK\_PersonelPRIMARY KEY(PersonelID);

)

CREATE\_TABLE Oda(

OdaNoCHAR(3) NOT NULL,

OdaKapasiteCHAR(1) NOT NULL,

OdaDurumCHAR(1) NOT NULL,

OdaAktifbit NOT NULL,

CONSTRAINT PK\_Oda PRIMARY KEY(OdaNo);

)

CREATE\_TABLE Kat(

KatIDINTEGER NOT NULL,

KatOdaSayINTEGER NOT NULL,

CONSTRAINT PK\_KatPRIMARY KEY(KatID);

)

CREATE\_TABLE Admin(

YoneticiAdVARCHAR(20)NOT NULL,

YoneticiSifreVARCHAR(20)NOT NULL,

CONSTRAINT PK\_AdminPRIMARY KEY(YoneticiAd);

)

CREATE\_TABLE Giderler(

OdemeIDINTEGER NOT NULL,

ElektrikINTEGER NOT NULL,

SuINTEGER NOT NULL,

DogalgazINTEGER NOT NULL,

InternetINTEGER NOT NULL,

GidaINTEGER NOT NULL,

PersonelINTEGER NOT NULL,

DigerINTEGER NOT NULL,

CONSTRAINT PK\_GiderlerPRIMARY KEY(OdemeID);

)

ALTER TABLE Yurt ADD PRIMARY KEY(YurtID);

ALTER TABLE Personel;

ALTER TABLE OgrenciADD OgrTelefon VARCHAR(20) NOT NULL;

ALTER TABLE Muhasebe DROP COLUMN OgrAd;