User{

Surname-text

Name-text

E-mail-text- Not_Null

Password-text- Not_Null

Primary Key (E_mail)

}

Technician{

Tech_Mail- text- Not_Null

MontSalary- numeric

Primary Key (Tech_Mail)

Foreign Key (Tech_Mail) → User(E_mail)

}

Customer{

TelNo - Numeric

Cus_Mail - text - Not Null

Primary Key (Cus_Mail)

Foreign Key (Cus_Mail) -> User (E_mail)

 }

Manager{

Man_Mail - text - Not Null

Primary Key (Man_Mail)

Foreign Key (Man_Mail) -> User (E_mail)

 }

ServiceReqAssociation{

ReqNum – numeric- Not Null

AssocAdrNo- numeric - Not Null

AssocCus_Mail -text- Not Null

Description- text

ReqDate-date

Primary Key (ReqNum)

Foreign Key (AssocAdrNo, AssocCus_Mail) – AddressHas(AddNum)

}

AddressHas {

AddNum- numeric- Not Null

BuildNum – numeric

StreetName – text

CityName – text

Cus_Mail - text - Not Null

Primary Key (AddNum , Cus_Mail)

Foreign Key (Cus_Mail) -> Customer (Cus_Mail)

}

ServiceType{

TypeNum - numeric - Not_Null

Type Name - text

Description - text

Primary Key (TypeNum)

}

Spare_Part{

StockAmount – numeric

Description- text

ManufName -text - Not_Null

ModelNo -numeric - Not_Null

UnitPrice – numeric

Primary Key (ModelNo , ManufName)

}

Repair_Record{

Description- text

RecordNo -numeric - Not_Null

ResolveDate – date

ServiceFee – numeric

Primary Key(RecordNo)

}

Speciality{

Tech_Mail - text - Not-Null

TypeNum - numeric - Not_Null

Primary Key (Tech_Mail, TypeNum)

Foreign Key (Tech_Mail) -> Technician (Tech_Mail)

Foreign Key (TypeNum) -> ServiceType (TypeNum)

}

Belong{

TypeNum - numeric - Not_Null

ReqNum – numeric- Not Null

Primary Key (ReqNum, TypeNum)

Foreign Key (ReqNum) -> ServiceReqAssociation (ReqNum)

Foreign Key (TypeNum) -> ServiceType (TypeNum)

}

Create{

Tech_Mail - text - Not-Null

ReqNum - numeric - Not_Null

RecordNo - numeric - Not_Null

Primary Key (Tech_Mail, ReqNum, RecordNo)

Foreign Key (Tech_Mail) -> Technician (Tech_Mail)

Foreign Key (ReqNum) -> ServiceReqAssociation (ReqNum)

Foreign Key (RecordNo) -> RepairRecord (RecordNo)

}

Assigned{

Tech_Mail - text - Not-Null

ReqNum - numeric - Not_Null

Primary Key (Tech_Mail, ReqNum)

Foreign Key (Tech_Mail) -> Technician (Tech_Mail)

Foreign Key (ReqNum) -> ServiceReqAssociation (ReqNum)

}

Approve{

Man_Mail - text - Not-Null

Cus_Mail - text - Not_Null

RecordNo - numeric - Not_Null

Date - date

Primary Key (Man_Mail, Cus_Mail, RecordNo)

Foreign Key (Man_Mail) -> Manager (Man_Mail)

Foreign Key (Cus_Mail, RecordNo) -> Review (Cus_Mail, RecordNo)

}

Forward{

Man_Mail - text - Not-Null

Tech_Mail - text - Not_Null

ReqNum - numeric - Not_Null

Primary Key (Tech_Mail, Man_Mail, ReqNum)

Foreign Key (Man_Mail) -> Manager (Man_Mail)

Foreign Key (Cus_Mail, RecordNo) -> Assigned (Tech_Mail, ReqNum)

}

Review{

Cus_Mail - text – Not Null

RecordNo - numeric – Not Null

Comment – text

Score - numeric

Primary Key (RecordNo)

Foreign Key (Cus_Mail) -> Customer (Cus_Mail)

Foreign Key (RecordNo) -> Repair_Record(RecordNo)

}

Use{

ManufName - text - Not-Null

ModelNo - numeric - Not_Null

RecordNo - numeric - Not_Null

Amount - numeric

Primary Key (ManufName, ModelNo, RecordNo)

Foreign Key (ManufName, ModelNo) -> SparePart (ManufName, ModelNo)

Foreign Key (RecordNo) -> RepairRecord (RecordNo)

}

Nazife İlkin Uslu 21703259

Ali Fuat Barış 21703407

Ece Efeoğlu 21702060

Ahmet Talha Hamarat 21703484

Fatih Musab Bozkurt 21703858