

Attachment 1: 3.3 Entities in detail

Entity name	Attribute name	Data Type	Domain	Mandatory?	Atomic?	Description	Additional Info
Computer_Service	id_Computer_Service	SmallInt				Computer Service id, PK	
	Name	VarChar(20)		Y	Y	Computer Service Name	
	Founding_date	Date		Y	Y	Computer Service founding date	
	Owner	VarChar(50)		Y	N	Computer Service owner	consists of first and last name
	Share_capital	Money		N	Y	Share capital of the company	
Office	id_Office	SmallInt				Office id number, PK	
	Name	VarChar(20)		Y	Y	Office Name	
	Address	VarChar(200)		Y	N	Office Address	consists of street, city and postal code
Employee	id_Employee	Integer				Employee id number, PK	
	Name	VarChar(20)		Y	Y	Employee Name	
	Surname	VarChar(30)		Y	Y	Employee Surname	
	Sex	Character(1)	SexD	Y	Y	Employee sex	Sex IN ('F', 'M')
	Email	VarChar(30)		Y	Y	Employee email	
	Phone_number	VarChar(12)		Y	Y	Employee phone number	
	Address	VarChar(200)		Y	N	Employee address	consists of street, city and postal code
	Date_of_birth	Date		Y	Y	Employee date of birth	
	Date_of_employment	Date		Y	Y	Employee date of employment	
	Role	VarChar(9)	RoleD	Y	Y	Employee role	Role IN ('Repairman', 'Manager')
	PESEL	Character(11)		N	Y	Employee PESEL number	
	Account_no	Character(26)		N	Y	Employee account number	
	Salary	Money		N	Y	Employee Salary	
							Empty for Manager. For Repairman: Specialization IN ('Mobile device', 'Computer')
	Specialization	Bigint	SpecializationD	N	N	Employee Specialization	
Client	id_Client	SmallInt				Client id number, PK	
	Name	VarChar(20)		Y	Y	Client name	
	Surname	VarChar(30)		Y	Y	Client surname	
	Sex	Character(1)	SexD	Y	Y	Client sex	Sex IN ('F', 'M')
	Email	VarChar(30)		Y	Y	Client email	
	Phone_number	VarChar(12)		Y	Y	Client phone number	
	Address	VarChar(200)		N	N	Client address	consists of street, city and postal code
Order	id_Order	Integer				Order id number, PK	
							Status IN ('Not started', 'In progress', 'Completed')
	Status	VarChar(11)	StatusD	Y	Y	Repair Status	
	Order_date	Date		Y	Y	Order date	
	Price	Integer		Y	Y	Price for the order	
	Hand_out_date	Date		N	Y	Date device will be/was hand out	
Device	id_Device	Integer				Device id number, PK	
	Manufacturer	VarChar(20)		Y	Y	Device Manufacturer	
	Model	VarChar(20)		Y	Y	Device Name	
	Type	Bigint	TypeD	Y	Y	Device Type	Type IN ('Mobile device', 'Computer')