

Table Name	Attribute Name	Contents	Type	Format	Domain	Required	PK or FK	FK Referenced Table
DEPARTMENT	DepartmentID	Department identifier	INT	999	1-999	Y	PK	
	DepartmentName	Department name	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	Location	Department location	VARCHAR(50)	Xxxxxxxxxxxx		Y		
EMPLOYEE	EmployeeID	Employee identifier	INT	999	1-999	Y	PK	
	FirstName	Employee first name	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	LastName	Employee last name	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	Email	Employee email	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	Phone	Employee phone	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	HireDate	Employee hire date	DATE	dd-mm-yyyy		Y		
	Salary	Employee salary	VARCHAR(50)	\$999,999.99	1-999,999.99	Y		
	JobRole	Employee job role	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	DepartmentID	Department identifier	INT	999	1-999	Y	FK	DEPARTMENT
	EmployeeType	Employee type	VARCHAR(50)	Xxxxxxxxxxxx		Y		
SOFTWAREDEVELOPER	EmployeeID	Employee identifier	INT	999	1-999	Y	PK, FK	EMPLOYEE
	DevelopmentMethod	Development method	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	TechStack	Technology stack	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	ManagementTool	Management tool	VARCHAR(50)	Xxxxxxxxxxxx		Y		
SALES	EmployeeID	Employee identifier	INT	999	1-999	Y	PK, FK	EMPLOYEE
	SalesTarget	Sales target	VARCHAR(50)	\$999,999.99	1-999,999.99	Y		
MARKETING	SalesRegion	Sales region	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	EmployeeID	Employee identifier	INT	999	1-999	Y	PK, FK	EMPLOYEE
	CampaignBudget	Campaign budget	VARCHAR(50)	\$999,999.99	1-999,999.99	Y		
ITSUPPORT	EmployeeID	Employee identifier	INT	999	1-999	Y	PK, FK	EMPLOYEE
	SupportScope	Support scope	VARCHAR(50)	Xxxxxxxxxxxx		Y		
HUMANRESOURCES	TechUsed	Technology used	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	EmployeeID	Employee identifier	INT	999	1-999	Y	PK, FK	EMPLOYEE
	PolicyDocument	Policy document	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	TrainingPrograms	Training programs	VARCHAR(50)	Xxxxxxxxxxxx		Y		
INVENTORY	RecruitmentProcess	Recruitment process	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	ItemID	Inventory item identifier	INT	999	1-999	Y	PK	
	ItemName	Item name	VARCHAR(5)	Xxxxxx		Y		
	Quantity	Item quantity	INT	999	0-999	Y		
	PurchaseDate	Purchase date	DATE	dd-mm-yyyy		Y		
HARDWARELICENSE	Manufacturer	Manufacturer name	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	InventoryType	Inventory type	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	ItemID	Inventory item identifier	INT	999	1-999	Y	PK, FK	INVENTORY
	Brand	Hardware brand	VARCHAR(50)	Xxxxxxxxxxxx		Y		
SOFTWARELICENSE	Model	Hardware model	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	SerialNumber	Serial number	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	WarrantyExpirationDate	Warranty expiration date	DATE	dd-mm-yyyy		Y		
STOCKLEVEL	ItemID	Inventory item identifier	INT	999	1-999	Y	PK, FK	INVENTORY
	InventoryID	Inventory identifier	INT	999	1-999	Y	FK	INVENTORY
	AvailableQuantity	Available quantity	INT	999	0-999	Y		
	LastUpdated	Last updated timestamp	DATE			Y		
CLIENT	ClientID	Client identifier	INT	999	1-999	Y	PK	
	ClientName	Client name	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	ContactPerson	Contact person name	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	Phone	Client phone	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	Email	Client email	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	Address	Client address	VARCHAR(50)	Xxxxxxxxxxxx		Y		
SUPPORTTICKET	City	Client city	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	RegistrationDate	Registration date	DATE	dd-mm-yyyy		Y		
	TicketID	Support ticket identifier	INT	999	1-999	Y	PK	
EXTERNALTICKET	Status	Ticket status	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	ClientID	Client identifier	INT	999	1-999	Y	FK	CLIENT
	AssignedEmployeeID	Assigned employee identifier	INT	999	1-999	Y	FK	EMPLOYEE
INTERNALTICKET	TicketType	Ticket type	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	TicketID	Support ticket identifier	INT	999	1-999	Y	PK, FK	SUPPORTTICKET
	DateOpened	Date ticket opened	DATE	dd-mm-yyyy		Y		
	DateClosed	Date ticket closed	DATE	dd-mm-yyyy		Y		
	ServiceLevel	Service level	VARCHAR(50)	Xxxxxxxxxxxx		Y		
PROJECT	ClientID	Client identifier	INT	999	1-999	Y	FK	CLIENT
	TicketID	Support ticket identifier	INT	999	1-999	Y	PK, FK	SUPPORTTICKET
	DateOpened	Date ticket opened	DATE	dd-mm-yyyy		Y		
PROJECTEMPLOYEE	DateClosed	Date ticket closed	DATE	dd-mm-yyyy		Y		
	Status	Ticket status	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	EmployeeID	Employee identifier	INT	999	1-999	Y	FK	EMPLOYEE
TIMELINE	ProjectID	Project identifier	INT	999	1-999	Y	PK	
	StartDate	Project start date	DATE	dd-mm-yyyy		Y		
	EndDate	Project end date	DATE	dd-mm-yyyy		Y		
	Status	Project status	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	Budget	Project budget	VARCHAR(50)	\$999,999.99	1-999,999.99	Y		
PROJECTMANAGER	ProjectManagerID	Project manager identifier	INT	999	1-999	Y	FK	EMPLOYEE
	EmployeeID	Employee identifier	INT	999	1-999	Y	PK, FK	PROJECT
REQUIREMENT	TimelineID	Timeline identifier	INT	999	1-999	Y	PK	
	ProjectID	Project identifier	INT	999	1-999	Y	FK	PROJECT
	RequirementID	Requirement identifier	INT	999	1-999	Y	PK	
	RequirementName	Requirement name	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	Priority	Requirement priority	VARCHAR(50)	Xxxxxxxxxxxx		Y		
CONTRACT	ContractID	Contract identifier	INT	999	1-999	Y	PK	
	ContractName	Contract name	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	StartDate	Contract start date	DATE	dd-mm-yyyy		Y		
	EndDate	Contract end date	DATE	dd-mm-yyyy		Y		
	Amount	Contract amount	VARCHAR(50)	\$999,999.99	1-999,999.99	Y		
	DepartmentID	Department identifier	INT	999	1-999	Y	FK	DEPARTMENT
SERVICEAGREEMENT	ClientID	Client identifier	INT	999	1-999	Y	FK	CLIENT
	AgreementID	Agreement identifier	INT	999	1-999	Y	PK	
	ServiceLevel	Service level	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	ContactName	Contact name	VARCHAR(50)	Xxxxxxxxxxxx		Y		
	StartDate	Agreement start date	DATE	dd-mm-yyyy		Y		
	EndDate	Agreement end date	DATE	dd-mm-yyyy		Y		