Lana Bracken
Project: Database Design and Implementation

Task 1 i)

ERD for XYZ-Utility Company

Customer

PK	CustomerID
	Name

CustomerContractAddrAssoc

PK	CustomerContractAssocID
FK	CustomerID
FK	ContractID
FK3	AddressID
	ActivationDt
	DeactivationDt

Contract

PK	ContractID
	ContractNumber
FK	MeterID
	Initial_Meter_Reading
	BillingRate

Address

PK	AddressID
	Address
	AddressType

Meter

PK	MeterID
	MeterNumber

Employee

PK	EmployeeID
	Name
	Job
	UserName

Payments

PK	PaymentID
FK	BillID
	Amount
	PaymentDate
	Method
FK	CustomerContractAddrAssocID

Bill

PK	BillID
FK	MeterReadingID
FK	CustomerContractAddrAssocID
	BillDate
	Balance
	Consumption
	Cost
	BillNumber

MeterReading

PK	MeterReadingID
	CurrReadingDate
	CurrMeterReading
FK	MeterID
FK	CustomerContractAddrAssocID
FK	CurrReederID
	Notes
	PrevReading
	PrevMeterReadingDate
	PrevReederID