**Logical Database Design**

Customer: (custID, custName, phoneNo, address, countryName, salesRepID, countryServiceID, commission)

Primary Key: custID

Foreign Key: countryServiceID references Countryservice (countryServiceID)

Country: (countryName, countryCode)

Primary Key: countryCode

Foreign Key: None

CountryService: (countryCode, CountryServiceID, serviceID, peakStart, offPeakstart)

Primary Key: countryServiceID

Foreign Key: countryCode references Country (countryCode), serviceID references Services (serviceID)

Services: (serviceID, serviceName)

Primary Key: serviceID

Foreign Key: None

CallDetails: (fromCode, toCode, fromTel, toTel, duration, callDate, callTime, callID, custID)

Primary Key: callID i

Foreign Key: custID references Customer (custID)

Rates: (offPeak,peak,toCode, countryServiceID, effectiveDate)

Primary Key: CountryServiceID, toCode, effectiveDate)

Foreign Key: ToCode references callDetails (toCode), CountryServiceID references countryService (countryServiceID)

Assuming Customer can only call Company customers.

Assuming Rate cannot be changed more than once in a day