**Initial Mapping to Tables - Beta University Annual Fund**

**Step 4.1 - Include a screenshot of the E-R diagram that you developed at the end of Chapter 3.**



**Step 4.2 - Using Microsoft Visio, draw a relational schema for the E-R diagram that you developed at the end of Chapter 3.** Underline the primary keys, show the foreign keys in italics, and draw arrows from the foreign keys to the primary keys they refer to. Use the guidelines presented in Section 4.7 (Mapping an Entity-Relationship (ER) Model to a Relational Schema) and Figure 4.7 (Relational Schema for University) of the textbook.

Note: For this relational schema, use the decomposed attributes.

According to ER Diagram,

**Potential Donor** (donorId,firstName, lastName, street, city, state, zip, country, countryCode, areaCode, telNumber,donorCircle, spouseName, amountDonatedLastYear, amountPledgedThisYear, amountPaidThisYear, *volunteerfirstName, volunteerLastName*)

**MatchingCorp** (matchCorpName,street, city, state, zip, country, countryCode, areaCode, telNumber)

**Event** (eventName, eventDate, eventTime, eventLocation, eventOrganizer, eventTotalPledged eventTotalPaid)

**ClassRep** (graduationYear, firstName, lastName, street, city, state, zip, country,  countryCode, areaCode, telNumber)

**Volunteer** (firstName, lastName, street, city, state, zip, country, countryCode, areaCode, telNumber)

**Pledge** (pledgeNumber,  pledgeAmount, pledgeDate, numPaymentsChosen, pledgeAmountPaid, numPaymentsMade, *donorId, eventName*)

**Payment** (*pledgeNumber*, datePaid, amount Paid, paymentMethod, creditCardType, credit Card Number, *matchCorpName*)

