**Course Project   
DeVry University  
College of Engineering and Information Sciences**

**Course Number: CEIS236**

**Course Project Deliverable: 2**

**PART I:** Write the business rule(s) that govern the relationship between the two tables.

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| One member can have many payments. |
| Each payment has only one member |
| One to many relationships between member and payments |

**PART II:** Given the business rule(s) you wrote in Part 1, create the basic Crow's Foot ERD using Microsoft Visio.

Graphical user interface, application

Description automatically generated

**PART III:** Using the ERD you drew in Part 2, create the equivalent object representation and UML class diagram. (Use the following figure as your guide.)

Graphical user interface

Description automatically generated with medium confidence