

## ER Diagrams

For all the below problems you **MUST** use **UML Notation**. Remember to include **relationships, entities, and multiplicity** values. Submit this to the folder titled ER Diagram in the D2L Assignments tab.

1. You are implementing an ER diagram for a Pet Store! Draw an Entity Relationship (ER) Diagram only depicting the binary relationship between **Pet** and **Customer** (you do not need to worry about anything else at the store). Explain your answer.
  
2. Draw an Entity Relationship (ER) Diagram to depict the ternary relationship between **Car**, **Part**, and **Supplier**. Every car is made up of parts that are purchased through suppliers. Example of a part is a steering wheel. Watch the videos to help you. Explain your answer.
  
3. Draw an ER diagram of your choice (in UML notation) to depict any **binary** relationship you'd like. Add a short paragraph below it explaining it.
  
4. Draw an ER diagram of your choice (in UML notation) to depict any **ternary** relationship you'd like. Add a short paragraph below it explaining it.