## Class Exercise – 4.1

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**Submission**: Save this Word document with your answers as a PDF file and upload the PDF file to
          Canvas.

# Crow's Foot ERD

**Use the following business rules to create a Crow's Foot ERD. Write all appropriate connectivities and cardinalities in the ERD.**

- **A department employs many employees, but each employee is employed by one department.**
- **Some employees, known as "rovers," are not assigned to any department.**
- **A division operates many departments, but each department is operated by one division.**
- **An employee may be assigned many projects, and a project may have many employees assigned to it.**
- **A project must have at least one employee assigned to it.**
- **One of the employees manages each department, and each department is managed by only one employee.**
- **One of the employees runs each division, and each division is run by only one employee.**