1. **Given the dependency diagram shown in Figure 1, answer Questions b & c:**

**FIGURE 1 The Dependency Diagram**



1. **Create a database whose tables are at least in 2NF, showing the dependency diagrams for each table.**
2. **Create a database whose tables are at least in 3NF, showing the dependency diagrams for each table.**

2-



3-

Using the initial dependency diagram drawn in Problem 2, remove all partial dependencies, draw the new

dependency diagrams, and identify the normal forms for each table structure you created.

4-



5- Starting with the dependency diagram drawn for Problem 4, create a set of dependency diagrams that meet 3NF requirements. Rename attributes to meet the naming conventions, and create new entities and attributes as necessary.

6- Using the results of Problem 5, draw the Crow’s Foot ERD.