Community College of Rhode Island
Systems Analysis and Design
COMP-1230

Case Study Project

Assignment #5

After completing the input and output designs for the new system, you must turn your attention to file and database design issues. Begin by reviewing the data flow diagrams that you prepared in previous steps. With this information in mind, perform the following tasks:

- Create an entity-relationship diagram for your proposed database
- Include file/table layouts of all relevant data elements required
- Include an illustration of any table level relationships you may have created
    - Be sure to identify the keys (primary and foreign) for each table and be sure referential integrity is enforced

Remember that your audience is neither well versed in database terminology nor in the interpretation of E-R Diagrams; include appropriate levels of description to explain how the data works together.