

CS579  
Class Project – Part 2

Due: 10/26

This assignment is a practice of a logical database design. You are required to convert the conceptual design of Part 1 into a relational data model. In your project report, you must include the followings:

1. Relational database schema diagram (refer to Figure 5.7, page 164).
2. In a separate documentation, include the following:
  - Cover page.
  - For each relation, show the data types of all its attributes (Use SQL standard data types in Section 6.1.3, pp. 182 – 183. Also refer to the create table statements of the Company database in page 181).
  - List all constraints which were specified in the ER model but not reflected in the relational database schema, if any.

You can use the attached “Suggested ER” or you can use your own ER. If you use your own ER, you also need to submit your ER which was used for this logical design.

Include everything in a single file and name it as *LastName\_FirstName\_p2.ext*, where *ext* is an appropriate file extension such as *docx* or *pdf*, and upload it to Blackboard.

# ER Diagram for the Boston Papers Company Database (Suggested Conceptual Design for Part 1)

