## Name: Laura C. Larregui Date: January 21, 2020

## Lab 03 - Logical Modeling

Part 1 – Logical Modeling Case Studies

1. Case Study 1- Obligatory College Classes Modeling

A close up of a piece of paper

Description automatically generated

1. Case Study 2- Project ManagementA screenshot of a cell phone

   Description automatically generated
2. Case Study 3- Book Publishing Database
   1. Business Rules:
      1. A Publisher Company can publish one or more Books. A Book can be published by one Publisher Company.
      2. A Book can be written by one or more Authors. An Author can write one or more Books.
      3. An Author can receive one or more Royalty Checks. A Royalty Check can be deposited by one Author.
      4. A Royalty Check can be written by one Publisher Company. A Publisher Company can write one or more Royalty Checks.
      5. A Royalty Check can be issued to one Book. A Book can receive one or more Royalty Checks (depending on sales).
   2. Additional Notes:
      1. I decided to create the entity “Contract” as a bridge table for Book, Author, and Publisher since these tables had a many-to-many relationships.

A screenshot of a cell phone

Description automatically generated

Part 2 – VidCast Conceptual Model

A screenshot of a cell phone

Description automatically generated