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| Prof. Christi Florence C. Cala-or | 7 March 2022 |

**Laboratory Activity 1**

1. Each of the MegaCo Corporation’s divisions is composed of many departments. Each of the departments has many employees assigned to it, but each employee works for only one department. Each department is managed by one employee, and each of these managers can manage only one department at a time.

**Diagram

Description automatically generated**

1. During some period of time, a customer can rent many videotapes from the BigVid store. Each of the BigVid’s videotapes can be rented to many customers during that period of time.

**Diagram, engineering drawing

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1. An airline can be assigned to fly many flights, but each flight is flown by only one airline.

**A picture containing text, clock

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1. The KwikTite Corporation operates many factories. Each factory is located in a region. Each region can be "home" to many of KwikTite’s factories. Each factory employs many employees, but each of these employees is employed by only one factory.

**Diagram

Description automatically generated**

1. An employee may have earned many degrees, and each degree may have been earned by many employees.

**Diagram, line chart

Description automatically generated**