Exercise 2

- **Develop a conceptual data Model from the following scenario .**

- *Clients use law firms to file and/or defend lawsuits in which they participate. Law firms employ lawyers; however, some lawyers simply engage in private practice. Clients are represented by lawyers who handle lawsuits for these client. Clients use law firms to file and/or defend lawsuits in which they participate.*

- *Law firms employ lawyers; however, some lawyers simply engage in private practice. Clients are represented by lawyers who handle lawsuits for these clients. Law firms are identified by their respective names and may contain other descriptors like main address, locations, specialty, number of employees, etc. Clients typically have a name, gender, address, phone number, etc. and can be identified by their respective names. Likewise, lawyers are identified by their respective names, even though the ones working for a law firm may also have unique employee numbers of some sort. Some of the other attributes of a lawyer may include: qualification, experience, etc. Lawsuits may each have a unique case number assigned by the court along with attributes like type of case, current status, and numerous other details about the case.*

- *"A lawyer representing a client should handle the case the client is involved in" is an example of a complex business rule that an ER diagram cannot capture. Adapted from (Umanath, N. S., & Scamell, R. W. (2014)).*