**READING ENTITY RELATIONSHIP (ER) DIAGRAMS**

exams

reading

examReading

(c)

(d)

(a)

(b)

An entity relation diagram given in the figure above can be read as follows:

* Exams are defined as an entity and each exam is identified by a code. Exams are also defined with date, name, duration, location and explanation attributes,
* Reads are defined as an entity, and code information (primary key) enables a read piece to be completed on its own in the system. Reading entity is identified by name, weight, fileName, and code attributes,
* There is a relation between exams and readings entities, called examReading. In addition, sequence information (index) should be kept showing the order in which an exam reading passage should be displayed in that exam. This information is defined by the index attribute added to the exam-readings relation. This relation is of M-N type and according to this relation:
  1. More than one reading of an exam can be defined,
  2. A reading passage can be used for more than one exam,
  3. At least one reading passage must be defined for an exam.

**Reference**

Tokdemir, G. ve Çağıltay, N. E. (2010). *Veritabanı Sistemleri Dersi*. Seçkin yayıncılık, Ankara.