



Primary keys are only surrogate keys. Primary keys auto-increment.

One certificate can only be gained in one course."id_course" in a certificate table is unique because one course = one certificate.

Courses can have many modules that can have many lessons that can have many tasks.

User can take part in many courses. Many users can take part in one course.

User can have many certificates and a certificate can be owned by many users.

A module can only be in one course, a lesson can only be in one module, a task can only be in one lesson.

User can receive points from the task, lesson, module and course. The course result are the points received.

Course only have one owner which is a user. User can create many courses.