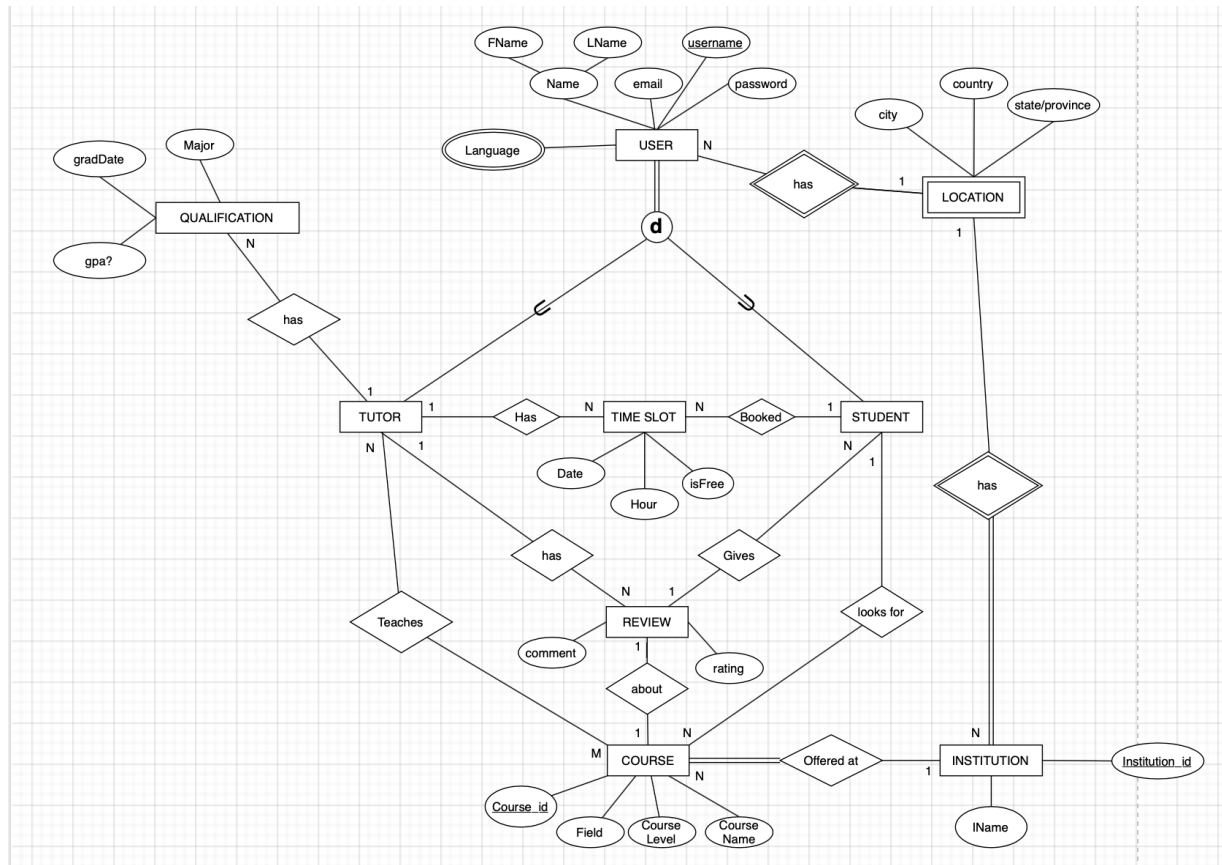


CPSC 471 - Intermediate Progress Report ERD For StudyHub:

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(Figure 1) ERD Diagram for StudyHub

Description:

- There are two types of USERS for our website, TUTORS and STUDENTS.
- Each USER may know multiple languages and has a first name and last name, an email, unique username, password. A user also has a LOCATION consisting of a city, state, and province.
- STUDENTS look for 1 or more COURSES while multiple teachers may teach multiple types of COURSES.
- A TUTOR also has 1 or more TIME SLOTS, while STUDENTS book TIME SLOTS.
- Each TIME SLOT is either free or booked and also has a specific date and hour.
- A TUTOR also has REVIEWS which are given by STUDENTS.
- REVIEWS are about the COURSE taught by a TUTOR and consist of a comment and a rating.
- Each COURSE has a unique COURSE_id, a field, level, and name.
- A Course is also offered by an INSTITUTION, which has a unique Institution_id, an institution name, and has a LOCATION.

Related Assumptions:

- Users have a singular location and do not move around for their tutoring needs
- Users that are Students go to a local Institution in their region, which the courses they are looking for are offered at.
- Review must come from a Student who received tutoring from a specific Tutor
- A Tutor can exist without teaching a Student
- A Student can exist without requesting services from a Tutor
- A Student does not have to be associated with a time slot
- Not all tutors will be available for Time Slots
- Tutors might have 0 qualifications
- Students take courses offered at their local institution
- Tutors teach courses offered at their local institutions
- Reviews pertain to the individual course taken by a Student and taught by the related Tutor