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Csc 370

**Scenario 1**

**Main objectives:**

Developing a website to help any child that can go on internet with their math and produce a database to save children’s worksheet. The volunteer-teachers can view children’s work and grade children’s work, and teachers can answer users’ questions.

**Users:**

**Children**: children need to register on the website and choose the suitable math-level. They should download the worksheet from the current math level which they are in and do the questions. They can ask question about the worksheet or update their work by scan or take a picture of their finish worksheet.

**Teacher:** Volunteers need to evaluate children’s work from the website, and teachers give the feedback of the worksheet from student. Teachers can track all students about their math worksheet, and they can find the best students to get Math Olympiads. Teachers provide their connection information.

**Output:**

Student (string username; int level\_of\_worksheet; int mark\_allocated; string comments; string connection)

Teacher (string name; Boolean availability; string language; string connection)

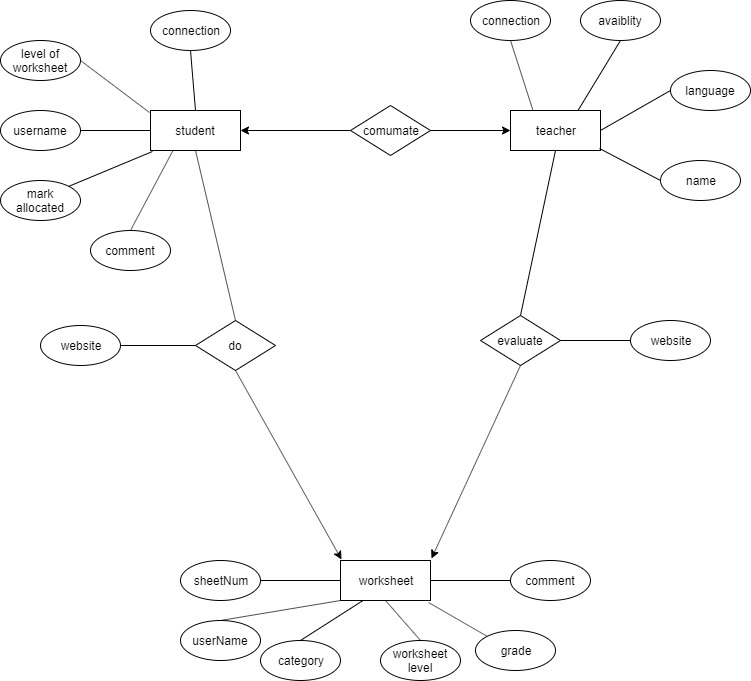
Worksheet (int sheetNumber; string username; string category; int worksheet\_level; int grade; string comment)

**Simple Output:**

Student (yinzheng; 12; 87; “more practice”; [yzh1231@gmail.com](mailto:yzh1231@gmail.com))

Teacher (Zhang; true; English; [Zhang@gmail.com](mailto:Zhang@gmail.com))

Worksheet (0001342; yinzheng; “algebra”; 12; 93; “fill question 3”)

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