ESL Learner Project Progress

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Entities and Attributes

Entity- An object that exist such as a single person, place or thing.

Attribute - Define the information about the entity that needs to be stored.

In our Database the Entities we created are: Student, Teacher, Lessons, Exams, and Grade Report
ER Model

- **Student**
  - Student ID
  - First Name
  - Last Name
  - Year
  - Address
  - Phone Number
  - User Name
  - Password

- **Teacher**
  - Teacher ID
  - First Name
  - Last Name
  - Year
  - Address
  - Phone Number
  - User Name
  - Password

- **Lessons**
  - Subject
  - Level
  - Body

- **Exam**
  - Exam ID
  - Date
  - Name
  - Score

- **Grade_Report**
  - Letter Grade
  - Numeric Grade

Relationships:
- Student **Learns** Lessons
- Teacher **Teaches** Lessons
- Teacher **Reviews** Exam
- Lessons **Creates** Exam
- Exam **Determines** Grade_Report
- Teacher **Takes** Lessons
- Student **Learns** Exam

Challenges Faced

Understanding what entities were needed

Creating the ER diagram and the relationships

Listing the attributes that each entity needed
Sample Quiz

https://goo.gl/forms/jpaY4TGht4i3bAsu2

Quiz Adjective or Adverb

He works hard.
- "Hard" is an adjective.
- "Hard" is an adverb.

He fell asleep.
- "Fell" is an adjective.
- "Fell" is an adverb.
Mock-UP Design

Website Mockup created in adobe XD

- Login page
- Register Page
- Mainly The Teachers page
- Still in Progress
Detailed view of Mockup
Challenges Faced

- Creating a website page from scratch.
- Finding UI kits that were compatible with Adobe XD.
- Trying to create the webpage from the user’s point of view.
- Creating a webpage that is user friendly and appealing to my group and to a future user.
User Login & Differentiation

- Logging in & differentiating between student user and teacher user
- Different page information depending on if you are a student or if you are a teacher

http://cs.csusb.edu/~esllrner/ESL%20Learner/home.php

Problems

- Multiple users displayed on one page
- Making the login different for each user
What’s Next

- Setting up tables and making them viewable on the website
- Contacting database for login credentials
- Early lesson plans