Database Management Systems

I made a website that teaches Database Management Systems to a student. There are four parts in this website:

* Question Answering
* Quizzes
* Checking Student Knowledge
* Overall Report of Student

The technologies that I used:

* **ASP.NET** and **C#** for backend of website.
* **HTML-CSS-ASPX** for frontend of website.
* **Python** for LLM and communication with API on flask

**In Question Answering Part,** there is textbar for entering the question like a web browser. Student enters a question the ASP.NET sends this question to the python with api. The model that I used process and send the answer to website with api. Then, it appears on the website.

**In Quiz Part,** there are 5 quizzes for each section. The questions and the answers come from database directly. Student can skip a question if he/she wants. The number of correct answers is stored in database and used for overall score.

**In Student Knowledge Checking Part,** there is a part that contains detailed information about section on the left of the website. There is another part that Student will enter her/his information know about section on the right of the website. When student enter her/his knowledge the program sends it to the python program with api. The model that I used compare it with detailed information of section than produces an overall score for student that shows the amount of student’s knowledge.

**In the Overall Report part,** student can see her/his overall score for each section, number of correct answers of quizzes.

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