Web Course for Database Management Systems Project Report

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Preparing the Database

Prompts that I wrote to ChatGPT:

Prompt1:

I have to prepare a database for my homework. Can you make it with me

ChatGPT Answer:

|  |
| --- |
| Of course! I'd be happy to help you. 😊 Could you tell me a bit more about your homework? For example:   * What's the purpose of the database? * Which database management system (DBMS) are you using (e.g., MySQL, PostgreSQL, SQLite)? * What kind of data or tables will you need?   Let’s build it step by step! |

Prompt2:

I am planning to use mysql for dbms.

ChatGPT Answer:

Great choice! What type of database are we building? Do you have a specific schema in mind, or should we start from scratch and design it together? Let me know the requirements!

Prompt3:

My homework is making a website to teach a course to students. I choose Database Management Systems as topic.

ChatGPT Answer:

|  |
| --- |
| That's an excellent topic! For your database, we could create tables to manage:   1. **Students**: Information about students using the website. 2. **Courses**: Details about the Database Management Systems course. 3. **Lessons**: Specific topics or lessons within the course. 4. **Quizzes/Assignments**: To test students' knowledge. 5. **Student Progress**: To track which lessons students have completed and their quiz scores.   Would you like to start designing the schema for these? We can write the SQL scripts together! |

Prompt4:

There will be 5 parts in the website: Info about content the student selected of the course, a area to take information that the students know, area for displaying the progress of the student, list of content of the course, Interactive quiz about the content the student selected. We have to prepare tables for content of the course, and quiz of each content. Quiz should include 1 question and 4 answer. Understood? Could you do this? If you want extra info, I can provide you.

ChatGPT Answer:

|  |  |
| --- | --- |
| CREATE TABLE Content (  ContentID INT AUTO\_INCREMENT PRIMARY KEY,  Title VARCHAR(255) NOT NULL,  Description TEXT,  ContentInfo TEXT NOT NULL  ) ENGINE=InnoDB; | CREATE TABLE Quizzes (  QuizID INT AUTO\_INCREMENT PRIMARY KEY,  ContentID INT NOT NULL,  Question TEXT NOT NULL,  AnswerA VARCHAR(255) NOT NULL,  AnswerB VARCHAR(255) NOT NULL,  AnswerC VARCHAR(255) NOT NULL,  AnswerD VARCHAR(255) NOT NULL,  CorrectAnswer VARCHAR(255) NOT NULL,  FOREIGN KEY (ContentID) REFERENCES Content(ContentID)  ) ENGINE=InnoDB; |

Prompt5:

Can you fill the content table please?

ChatGPT Answer:

metin, ekran görüntüsü, yazı tipi, yazılım içeren bir resim

Açıklama otomatik olarak oluşturuldu

Prompt6:

Can you fill the quiz table. Each content should have 5 questions.

ChatGPT Answer:

metin, ekran görüntüsü içeren bir resim

Açıklama otomatik olarak oluşturuldu

My database tables with data:

metin, ekran görüntüsü, yazı tipi içeren bir resim

Açıklama otomatik olarak oluşturuldu

metin, ekran görüntüsü, sayı, numara, doküman, belge içeren bir resim

Açıklama otomatik olarak oluşturuldu

I made a website with ChatGPT by using python, html, css, javascript.

The prompt I gave to ChatGPT:

Can you make this website with python for me. There will be 5 parts in the website: Info about content the student selected of the course, a area to take information that the students know, area for displaying the progress of the student, list of content of the course, Interactive quiz about the content the student selected. Info about content the student selected of the course, a area to take information that the students know, area for displaying the progress of the student and list of content of the course yanyana olucak ve quiz kısmı altta olucak. There will be a buttun in the quiz part for skiping the question. contentTable = "CREATE TABLE Content ( ContentID INT AUTO\_INCREMENT PRIMARY KEY, Title VARCHAR(255) NOT NULL, Description TEXT, ContentInfo TEXT NOT NULL ) ENGINE=InnoDB; " Quiz table = "CREATE TABLE Quizzes ( QuizID INT AUTO\_INCREMENT PRIMARY KEY, ContentID INT NOT NULL, Question TEXT NOT NULL, AnswerA VARCHAR(255) NOT NULL, AnswerB VARCHAR(255) NOT NULL, AnswerC VARCHAR(255) NOT NULL, AnswerD VARCHAR(255) NOT NULL, CorrectAnswer VARCHAR(255) NOT NULL, FOREIGN KEY (ContentID) REFERENCES Content(ContentID) ) ENGINE=InnoDB; " it should be a one page website

The Website after a lot of mistakes and errors:

metin, ekran görüntüsü, yazılım, ekran, görüntüleme içeren bir resim

Açıklama otomatik olarak oluşturuldu

Note: These are for now. I am planning to change the framework and database that I used and to make different User Interface.