**Quiz-1 (Section L01)**

CMPS310 Software Engineering

Duration: 25 minutes

Weight: 3%

Fall 2021

**Your Name: Talha Abdullah Punjabi**

**QU ID: 201903446**

**Instructions:**

* Write your QU ID and name above.
* Draw DFD using **only** **Visual Paradigm** and save it as an image;
* Paste/embed the image in this word document
* **Uploading your file**: Once you complete the question, upload this Word document with your DFD under Quiz-1 on Blackboard. You cannot upload multiple files.
* **You must submit it by 8.50am.**

**Your task**:

Consider the following system requirements. Propose a data flow diagram (DFD) using Visual Paradigm to capture these.

Automating Quiz Grading System

Students can take online quizzes. The system automatically prepares the quiz by selecting questions from a Quiz-Questions database. The student can ask for hints (answer idea) from the system for some questions if he/she wants to. In this case, the system finds suitable hints from the hint database. Once the quiz is complete, the system automatically grades it. If the grade is A, the student is issued a certificate, and the professor is informed about the student. All results are stored in a database. Time to time, the teaching assistants prepare quiz questions and submit to the system for the approval from the professors. Professors approve these submitted quiz questions later. Once approved, the questions are stored in the Quiz-Questions database.

<Paste your DFD on the next page>

Diagram

Description automatically generated