



**Ahsanullah University of Science & Technology (AUST)**

**Department of Computer Science and Engineering**

**Course No.: CSE4126**

**Course Title: Distributed Database Systems Lab**

## **Project Proposal**

**Project Name: Quiz Competition System**

**Group no.: 5**

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# Quiz Competition System

## **Task Approach:**

In this project, a system will be developed in where a question-answering session like “Quiz Show” will be arranged. In this system, two parties like host and participant are involved. The system will handle the maintenance of data. In this system, host will ask question to the participant. After answering, participant can instantly know that the answer is right or wrong. For every answer, participant will get marks. Participant can also choose question according to his comfort.

## **Database Table:**

1.Player\_info:

Fields: PID(pk), Name, Age, Gender, Mobile, City

2.Question:

Fields: QID(pk), PID(fk), RID(fk), Marks, Ques\_text

3.Answer:

Fields: AID(pk), QID(fk), Ans\_details, Result, Option\_status

4. Options:

Fields: QID(fk), Option1, Option2, Option3, Option4

5. Option\_Req:

Fields: QID(fk), Choice

6. Round:

Fields: RID(pk), Rname

7.Score:

Fields: QID(fk), Gain, Total\_Score

8.Host Info table:

Fields: HID(pk), Name, Age, Gender, Mobile

## **Significance of Distributed Database System:**

Since distributed databases support modular development, systems can be enlarged by putting new computers and local data at a new location and seamlessly connecting them to the distributed system. In centralized databases, failures result in a total shutdown of the system. Distributed database systems, however, the system will continue to function at reduced performance until the error is fixed.