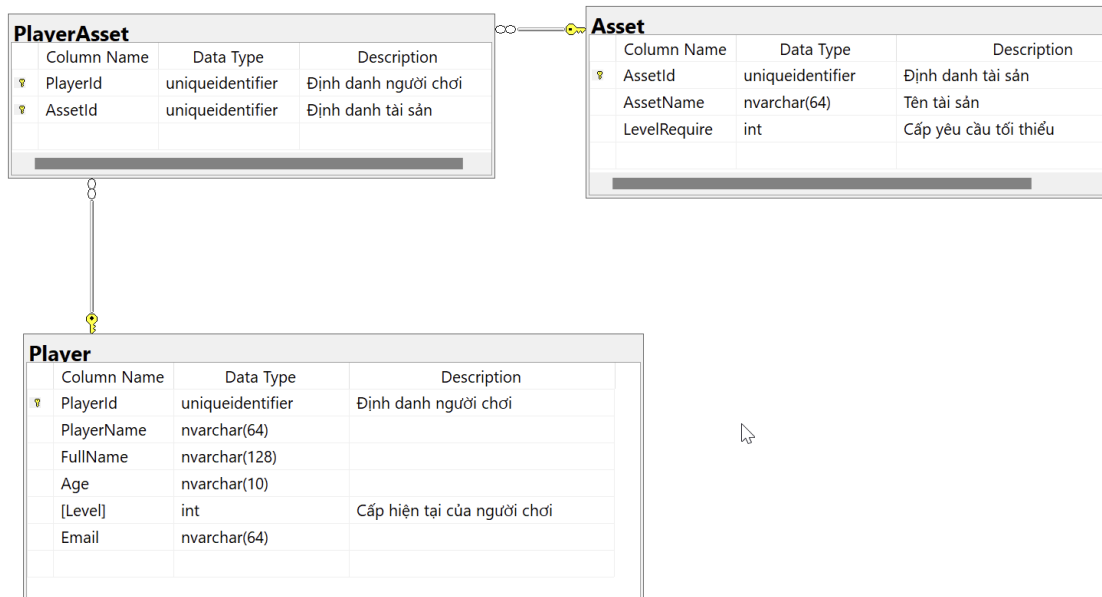




Developing Microsoft Azure Solutions - Exam Paper

Duration: 60 minutes | Marks: 15

Question:



The **Studio Game** created a new game with some database information in the same above picture. Include tables Asset, Player and PlayerAsset.

Database information:

Database name: BATTLEGAME

Asset table to store all assets as: A Hero, an equipment ...

Player table to store all information about the player as: Player name, full name, age, current level,...

Player Asset table to store all assets of any player.

The Studio Game requirement developer implements some APIs using **Azure Function** to insert, read data from database.

Requirements:

1. When a user registers a game with API name: *registerplayer* , post all information into the Player table.
2. When admin creates a new asset with API name: *createasset*, post all information into Asset table.

3. When admin need to make the report assets of the player with API name: *getassetsbyplayer* as table below:

No	Player name	Level	Age	Asset name
1	Player 1	10	20	Hero 1
2	Player 2	3	19	Hero 2
3	Player 3	10	23	Hero 1

4. Using reactjs, angular or any front end others to deploy the website allow show table in **requirement number (3)**.
5. Create a document to tutorial how to deploy Azure Function into the Azure cloud.

Marking Schema:

Question	Mark
Create database: Code first or database first	1
Question 1 Make API <i>registerplayer</i>	3
Question 2 Make API <i>createasset</i>	3
Question 3 Make API <i>getassetsbyplayer</i>	3
Question 4 Make a website	3
Question 5 Make document deploy	1
Bonus Good Coding convention	1
Total	15

Note:

1. Students can make it with Code first or Database first. If you use Database First method please commit all scripts to create database, store procedure
2. Students can make any Front End such as reactjs, angular, ...
3. Database: SQL Server or MySQL.