

SQL SERVER 2016 Project

Covid-19 pandemic tracking

INSTRUCTOR: MD. HABIBUL HAQ

domain.habib@gmail.com

Project Scenario

You have to design a database normalized to 3NF based on the description below.

A company offer training course on various subjects and they have tutors to conduct courses. Students are enrolled to courses. A sample data is provided below

Course records

Course name	Duration in week	Course fee	Tutor name	Tutor email	Tutor phone
T-SQL with SQL Server 19	4	5000.00	Asadullah Asad	asad@aol.com	01710XXXXXX
ASP.NET Core	5	5500.00	Monir Ahmed	monir@atcsl.bd.net	01910XXXXXX
C# 5.0	4	4500.00	Masuda Kanom	masuda@aol.com	01616XXXXXX

Enrollment record

Course	Student	Enroll data	Payment date
T-SQL with SQL Server 19	Khairul Alam	2021-01-23	
T-SQL with SQL Server 19	Monirullah	2021-01-23	2021-01-23
C# 5.0	Jafar Ahmed	2021-01-29	2021-02-03

Some key implementation requirements:

- Stored procedures to insert, update and delete record
- Views
- Function – scalar and table-valued
- Triggers