

## HOMework

Course Code	: IT518
Course Name	: Implementing Web Applications for Business
Due Date	: 4 January, 2021

1. Create a **Web API** project.
2. Create a model named **Employee**. This model has following properties:

- Id
- First Name
- Last Name
- Email
- Phone

C#

3. Create a local database using Entity Framework **Code First**. Enable Entity Framework migrations and add the needed code to the **Seed** method to populate the database with **ten employee** objects. Furthermore, **enable automatic migrations** to make the process of adding new features easier.

EF 6

4. Create a Web API controller using the “Web API 2 Controller with read/write actions, using Entity Framework” option. The Web API is simple to build because you only need basic **create, read, update, and delete** functionality, and the scaffolding provided by Visual Studio generates the code you need.

Web API

5. Create a Windows Forms Client Application to consume the Web API.

WinForms consume

Single Table  
Code First  
Seed  
Web API Controller creation with EF Scaffold  
Windows Forms