PRACTICA AZURE APP SERVICES

Dada la siguiente **semilla** de datos, relativa a Clients e Invoices:

var clients = new List<Client>

{

new Client {FirstName = "Dan", LastName = "Simmons"},

new Client {FirstName = "Bob", LastName = "Builder"},

new Client {FirstName = "Scott", LastName = "Markov"}

};

clients.ForEach(client => context.Clients.AddOrUpdate(c => c.FirstName, client));

context.SaveChanges();

var projects = new List<Project>

{

new Project

{

Client = context.Clients.Single(c => c.FirstName == "Dan"),

StartDate = new DateTime(2015, 10, 15),

EndDate = new DateTime(2016, 10, 15),

Title = "Entity Framework Project"

},

new Project

{

Client = context.Clients.Single(c => c.FirstName == "Bob"),

StartDate = new DateTime(2015, 10, 15),

EndDate = new DateTime(2016, 10, 15),

Title = "Bob's Important Project"

},

new Project

{

Client = context.Clients.Single(c => c.FirstName == "Scott"),

StartDate = new DateTime(2015, 10, 15),

EndDate = new DateTime(2016, 10, 15),

Title = "Some Other Project"

}

};

projects.ForEach(project => context.Projects.AddOrUpdate(p => p.Title, project));

context.SaveChanges();

var invoices = new List<Invoice>

{

new Invoice

{

AmountDue = 34000m,

DueDate = new DateTime(2016, 12, 31),

ProjectID = projects.Single(p =>

p.Client == clients.Single(c => c.FirstName == "Dan")).ID

},

new Invoice

{

AmountDue = 50000m,

DueDate = new DateTime(2016, 12, 31),

ProjectID = projects.Single(p =>

p.Client == clients.Single(c => c.FirstName == "Bob")).ID

},

new Invoice

{

AmountDue = 2000m,

DueDate = new DateTime(2016, 12, 31),

ProjectID = projects.Single(p =>

p.Client == clients.Single(c => c.FirstName == "Scott")).ID

}

};

invoices.ForEach(invoice => context.Invoices.AddOrUpdate(i => i.Project, invoice));

context.SaveChanges();

}

Se pide:

1. Crear un proyecto con MVC Core que implemente ese modelo de datos, creando los controllers con scaffolding.
2. Crear la base de datos en local con CodeFirst.
3. Probar el proyecto en local, añadiendo algunos registros más.
4. Migrar la base de datos a Azure.
5. Publicar la aplicación en Azure contra la base de datos migrada.
6. Enviarme la url generada para poder probarla.

Tiempo estimado: 60 minutos