1. IEnumerable vs. IQueryable

IQueryable is a derived interface from IEnumerable. IQueryable has more properties and extension methods. IQueryable is used to generate Sql queries and manipulate database while IEnumerable can apply to more objects.

1. IEnumerable vs. List

List implements IEnumerable. List has more methods but relatively worse performance.

1. Database First vs. Code First Approach

Code first approach means to create entity first then create the database by entity framework. Database first approach means to create database first and then create entity model to match the database. Code first approach leads to difficulty of modifying the database, so it should not be used with data intensive applications. Database first approach provides the easier way of managing database tables and keys but the entity model should be manually managed to match the database.