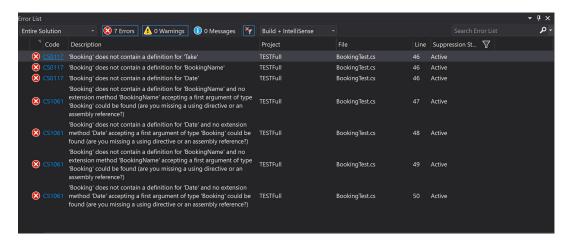# Table Booking TDD - Iteration 2

Thursday, 11 May 2017   10:51 AM

Upon further inspection, original design for table booking did not suffice the needs for the product owner and so Kevin has requested changes be made to the structure.

Working off the old models, Kevin's new tests will fail when ran:

```csharp
//after some consideration this is the best layout for booking
[TestMethod]
[DataRow("Alex", "1 May 2017 10:00")]
[DataRow("Alex", "15 May 2017 19:00")]
[DataRow("Alex", "21 May 2017 12:00")]
0 references
public void TestBookingPerson(string name, string date)
{
    Booking Book = new Booking() { Number = 10, People = 6, BookingName = name , Date=DateTime.Parse(date) };
    Assert.IsNotNull(Book.BookingName);
    Assert.IsNotNull(Book.Date);
    Assert.IsNotNull(Book.People);
    Assert.AreEqual(name, Book.BookingName);
    Assert.AreEqual(date,Book.Date);
}
```

Error List								
Entire Solution		⊗ 7 Errors	⚠ 0 Warnings	ⓘ 0 Messages		Build + IntelliSense	Search Error List	
	Code	Description		Project	File	Line	Suppression St...	
⊗	CS0117	'Booking' does not contain a definition for 'Take'		TESTFull	BookingTest.cs	46	Active	
⊗	CS0117	'Booking' does not contain a definition for 'BookingName'		TESTFull	BookingTest.cs	46	Active	
⊗	CS0117	'Booking' does not contain a definition for 'Date'		TESTFull	BookingTest.cs	46	Active	
⊗	CS1061	'Booking' does not contain a definition for 'BookingName' and no extension method 'BookingName' accepting a first argument of type 'Booking' could be found (are you missing a using directive or an assembly reference?)		TESTFull	BookingTest.cs	47	Active	
⊗	CS1061	'Booking' does not contain a definition for 'Date' and no extension method 'Date' accepting a first argument of type 'Booking' could be found (are you missing a using directive or an assembly reference?)		TESTFull	BookingTest.cs	48	Active	
⊗	CS1061	'Booking' does not contain a definition for 'BookingName' and no extension method 'BookingName' accepting a first argument of type 'Booking' could be found (are you missing a using directive or an assembly reference?)		TESTFull	BookingTest.cs	49	Active	
⊗	CS1061	'Booking' does not contain a definition for 'Date' and no extension method 'Date' accepting a first argument of type 'Booking' could be found (are you missing a using directive or an assembly reference?)		TESTFull	BookingTest.cs	50	Active	

To accommodate for these changes, we must modify our existing Booking class:

```csharp
///<summary>
/// Bookings encompass the table logic of the restaurant.
///</summary>
1 reference
public class Booking
{
    [Key]
    0 references
    public int Id { get; set; }
    ///<summary>
    /// The name which the booking is made under
    ///</summary>
    0 references
    public string BookingName { get; set; }
    ///<summary>
    /// The date which the booking is made under
    ///</summary>
    0 references
    public DateTime Date { get; set; }
    ///<summary>
    /// The table number that has been booked
```

```csharp
        public DateTime Date { get; set; }
        ///<summary>
        /// The table number that has been booked
        ///</summary>
        0 references
        public int Number { get; set; }
        ///<summary>
        /// The people at the table booking
        ///</summary>
        0 references
        public int People { get; set; }


}
```

With these modifications, the tests now pass

Passed Tests (4)
✓ TestBookingPerson   32 ms