

To:	Pichoff	Subject:	Sales Miner Project
From:	Goss	Type:	Update RFI Alert
Date:	5 FEB 20	Concerned Parties:	Annorum Supra, Pichoff, Watkins
Client:	Allpax		

Highlights:

- [began reproducing the Sales Opportunity project from last summer.](#)
- database was created on my GoDaddy webserver through SQL Server Management Studio
- [created task guides for my fellow team members](#)
- [began a project workbook that outlines tasks to be completed and links to aid in their accomplishment](#)
- can create, read, update and delete the customer table
- published the project to <http://allpax.gossdouglas.com/>

Next:

- create a controller and view for the customer events table
-

Pichoff,

The status of the project follows.

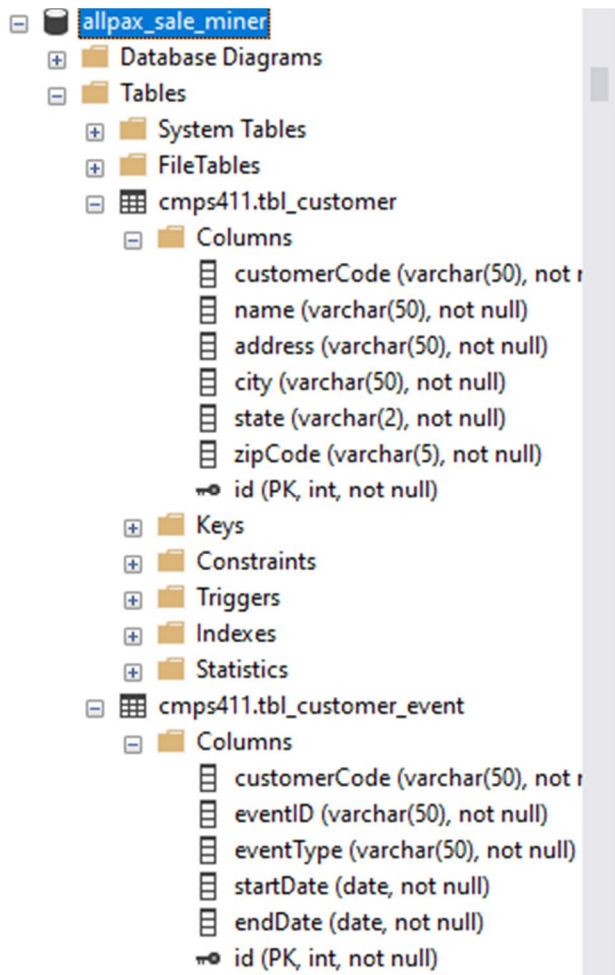
Software stack:

MS SQL Server	ASP.net	Jquery for client scripting	Axios for http requests
REST	Github for version mgmt	Material Design Bootstrap	

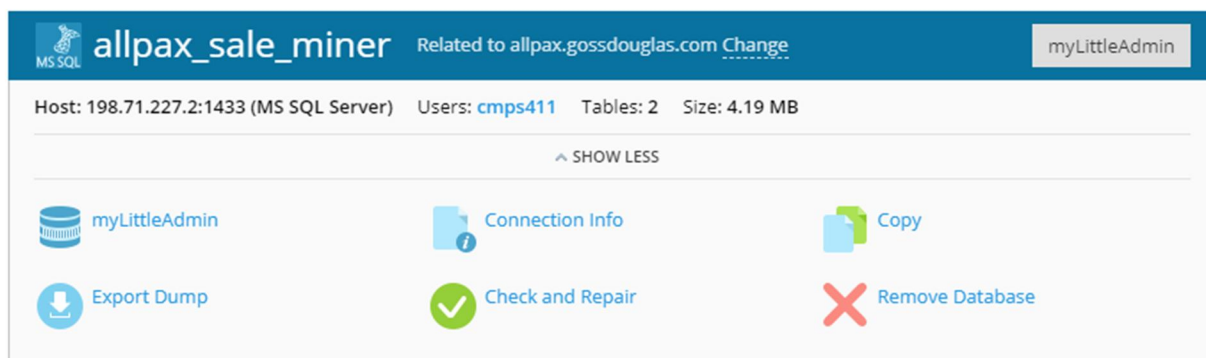
Goss

Database-

The SQL database has been begun and lives on my GoDaddy domain at the moment. I realize that a project published to a website is a scope bust, but I wanted to use this opportunity to show my group members how to do more advanced things. The table schema is based on concept drawings provided by Watkins last summer.






- allpax_sale_miner
 - Database Diagrams
 - Tables
 - System Tables
 - FileTables
 - cmps411.tbl_customer
 - Columns
 - customerCode (varchar(50), not null)
 - name (varchar(50), not null)
 - address (varchar(50), not null)
 - city (varchar(50), not null)
 - state (varchar(2), not null)
 - zipCode (varchar(5), not null)
 - id (PK, int, not null)
 - Keys
 - Constraints
 - Triggers
 - Indexes
 - Statistics
 - cmps411.tbl_customer_event
 - Columns
 - customerCode (varchar(50), not null)
 - eventID (varchar(50), not null)
 - eventType (varchar(50), not null)
 - startDate (date, not null)
 - endDate (date, not null)
 - id (PK, int, not null)






allpax_sale_miner Related to allpax.gossdouglass.com [Change](#) myLittleAdmin

Host: 198.71.227.2:1433 (MS SQL Server) Users: cmps411 Tables: 2 Size: 4.19 MB

[^ SHOW LESS](#)

 myLittleAdmin  Connection Info  Copy

 Export Dump  Check and Repair  Remove Database

allpax.gossdouglass.com

Website at allpax.gossdouglass.com/ IP address: 107.180.0.186 System user: ph14185669651

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Front End:

The front end has been begun and has been published to allpax.gossdouglass.com. There is no nav link to the only table I've published so far, customerMgmt, but it can be reached at the /customermgmt route.

allpax.gossdouglass.com

ASP.NET Core MVC...

Application name Home About Contact Register Log in

ASP.NET

Allpax

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[Create New](#)

customerCode	name	address	city	state	zipCode	
19-001	test1	test	test	la	70438	Edit Details Delete
19-002	DOUGLAS ANTHONY GOSS	124 elm	FRANKLINTON	LA	70438	Edit Details Delete

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SQLQuery1.sql - 19...11 (cmps411 (1071)) A2NWPLSK14SQL04....I_custom

```
/****** Script for SelectTopNRows command from SSMS *****/
SELECT TOP (1000) [customerCode]
      , [name]
      , [address]
      , [city]
      , [state]
      , [zipCode]
      , [id]
FROM [allpax_sale_miner].[cmps411].[tbl_customer]
```

100 %

Results Messages

	customerCode	name	address	city	state	zipCode	id
1	19-001	test	test	test	la	70438	1

Let's add a new record.

Create

tbl_customer

customerCode	<input type="text" value="19-002"/>
name	<input type="text" value="DOUGLAS ANTHONY GOSS"/>
address	<input type="text" value="1609 MAIN STREET"/>
city	<input type="text" value="FRANKLINTON"/>
state	<input type="text" value="LA"/>
zipCode	<input type="text" value="70438"/>
<input type="button" value="Create"/>	

[Back to List](#)

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[Create New](#)

customerCode	name	address	city	state	zipCode	
19-001	test	test	test	la	70438	Edit Details Delete
19-002	DOUGLAS ANTHONY GOSS	1609 MAIN STREET	FRANKLINTON	LA	70438	Edit Details Delete

SQLQuery1.sql - 19...11 (cmps411 (1071)) X A2NWPLSK14SQL04....l_customer_event A2NWPLSK14SQL0

```

/***** Script for SelectTopNRows command from SSMS *****/
SELECT TOP (1000) [customerCode]
, [name]
, [address]
, [city]
, [state]
, [zipCode]
, [id]
FROM [allpax_sale_miner].[cmps411].[tbl_customer]

```

100 %

Results Messages

	customerCode	name	address	city	state	zipCode	id
1	19-001	test	test	test	la	70438	1
2	19-002	DOUGLAS ANTHONY GOSS	1609 MAIN STREET	FRANKLINTON	LA	70438	4

SQLQuery1.sql - 19...11 (cmps411 (1071)) X A2NWPLSK14SQL04....l_customer_event A2NWPLSK14SQL0

```

/***** Script for SelectTopNRows command from SSMS *****/
SELECT TOP (1000) [customerCode]
, [name]
, [address]
, [city]
, [state]
, [zipCode]
, [id]
FROM [allpax_sale_miner].[cmps411].[tbl_customer]

```

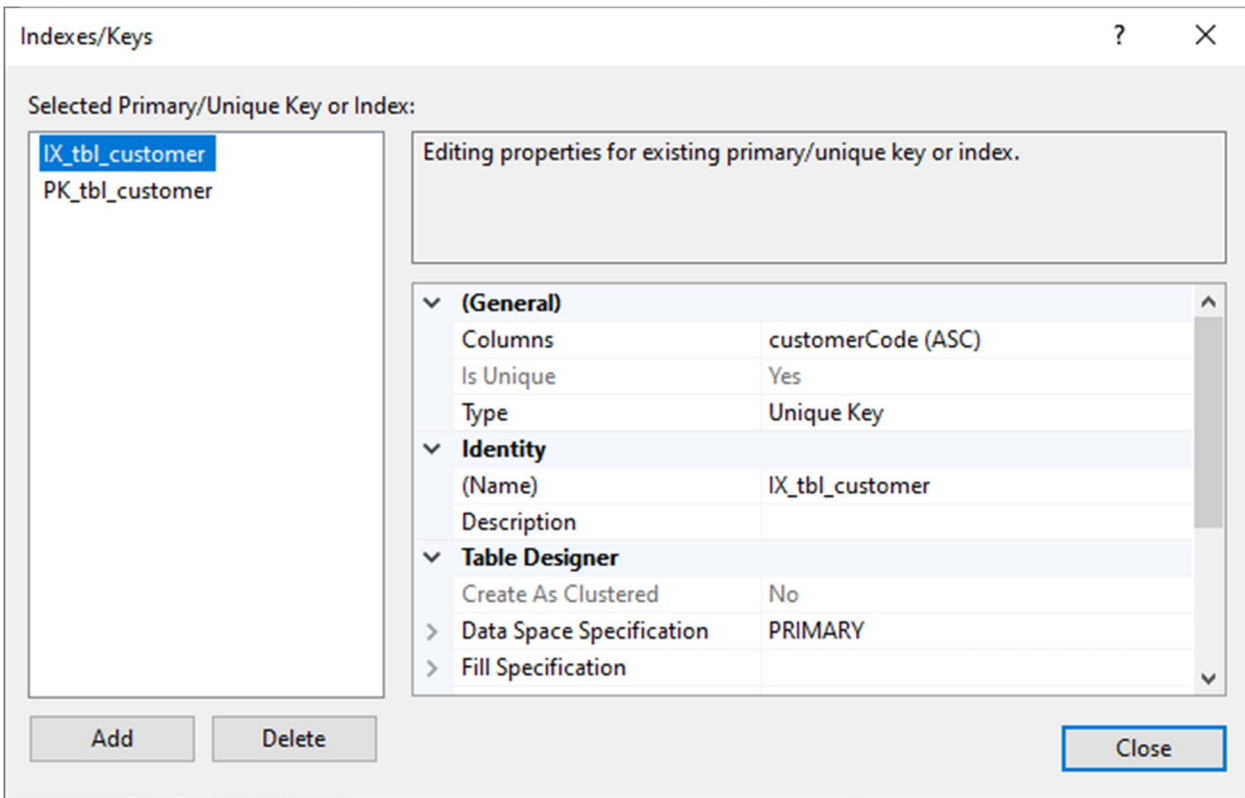
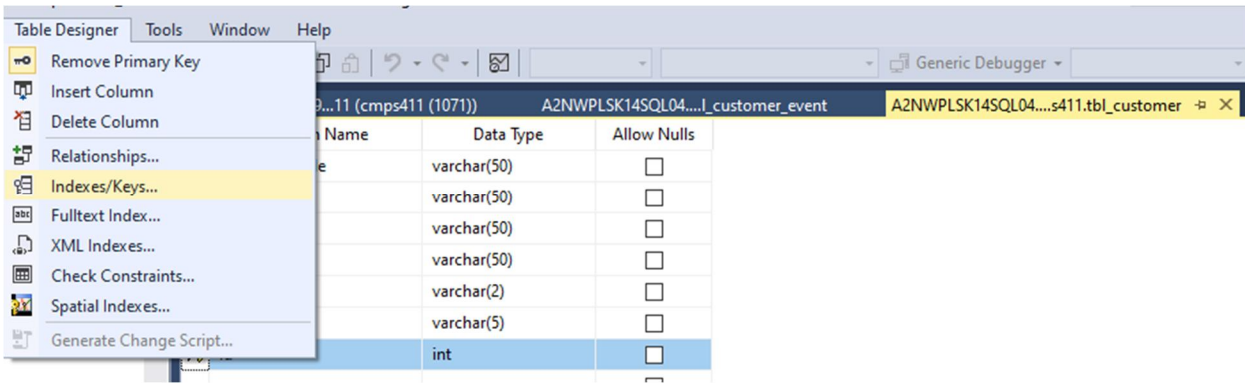
100 %

Results Messages

	customerCode	name	address	city	state	zipCode	id
1	19-001	test	test	test	la	70438	1
2	19-002	DOUGLAS ANTHONY GOSS	1609 MAIN STREET	FRANKLINTON	LA	70438	4

A new record has been added.

It is necessary that we add a unique constraint to tbl_customer. The primary key is the auto-incremented field id.



Now, if I add a duplicate of a field that should be unique in the table, I will get an error. We'll have to figure out how to handle the error in a prettier way later.

Create

tbl_customer

customerCode 19-002

name this will be a duplicate attempt

address 1609 MAIN STREET

city FRANKLINTON

state LA

zipCode 70438

Create

[Back to List](#)

Not today Satan!

```
← → ↺ 🏠 localhost:44322/customermgmt/Create
Apps 📱 AWS Academy Clo... 📧 ASP.NET Core MVC... 🌐 ASP.NET Core MVC... 📁 Project Work 📁 School 📁 Job Hunt 📁 BP Life Benefits (Co... 📁 ASP.NET Core MVC...
Other bookmarks

Server Error in '/' Application.

Violation of UNIQUE KEY constraint 'IX_tbl_customer'. Cannot insert duplicate key in object 'cmps411.tbl_customer'. The duplicate key value is (19-002).
The statement has been terminated.

Description: An unhandled exception occurred during the execution of the current web request. Please review the stack trace for more information about the error and where it originated in the code.

Exception Details: System.Data.SqlClient.SqlException: Violation of UNIQUE KEY constraint 'IX_tbl_customer'. Cannot insert duplicate key in object 'cmps411.tbl_customer'. The duplicate key value is (19-002).
The statement has been terminated.

Source Error:

Line 52:         {
Line 53:             db.tbl_customer.Add(tbl_customer);
Line 54:             db.SaveChanges();
Line 55:             return RedirectToAction("Index");
Line 56:         }

Source File: C:\Users\G055-E5540\Documents\GitHub\Anonum Supra\Sale Miner\Alpax_Sale Miner\Controllers\CustomerMgmtController.cs Line: 54

Stack Trace:

[SqlException (0x80131904): Violation of UNIQUE KEY constraint 'IX_tbl_customer'. Cannot insert duplicate key in object 'cmps411.tbl_customer'. The duplicate key value is (19-002).
The statement has been terminated.]
System.Data.SqlClient.SqlConnection.OnError(SqlException exception, Boolean breakConnection, Action`1 wrapCloseInAction) +2573902
System.Data.SqlClient.SqlInternalConnection.OnError(SqlException exception, Boolean breakConnection, Action`1 wrapCloseInAction) +6015690
System.Data.SqlClient.TdsParser.ThrowExceptionAndWarning(TdsParserStateObject stateObj, Boolean callerHasConnectionLock, Boolean asyncClose) +297
System.Data.SqlClient.TdsParser.TryRun(RunBehavior runBehavior, SqlCommand cmdHandler, SqlDataReader dataStream, BulkCopySimpleResultSet bulkCopyHandler, TdsParserStateObject stateObj, Boolean& dataReady) +4291
System.Data.SqlClient.SqlDataReader.TryConsumeMetaData() +59
System.Data.SqlClient.SqlDataReader.get_MetaData() +91
System.Data.SqlClient.SqlCommand.FinishExecuteReader(SqlDataReader ds, RunBehavior runBehavior, String resetOptionsString, Boolean isInternal, Boolean forDescribeParameterEncryption, Boolean shouldCacheForAlwaysEncrypted) +446
System.Data.SqlClient.SqlCommand.RunExecuteReaderTds(CommandBehavior cmdBehavior, RunBehavior runBehavior, Boolean returnStream, Boolean async, Int32 timeout, Task& task, Boolean asyncWrite, Boolean inRetry, SqlDataReader ds, Boolean returnStream, BulkCopySimpleResultSet bulkCopyHandler, TdsParserStateObject stateObj, Boolean& dataReady) +167
System.Data.SqlClient.SqlCommand.RunExecuteReader(CommandBehavior cmdBehavior, RunBehavior runBehavior, Boolean returnStream, String method, TaskCompletionSource`1 completion, Int32 timeout, Task& task, Boolean& usedCache, Boolean asyncWrite, Boolean inRetry, SqlDataReader ds, Boolean returnStream, BulkCopySimpleResultSet bulkCopyHandler, TdsParserStateObject stateObj, Boolean& dataReady) +234
System.Data.SqlClient.SqlCommand.ExecuteDbDataReader(CommandBehavior behavior) +139
System.Data.Common.DbCommand.ExecuteReader(CommandBehavior behavior) +12
System.Data.Entity.Infrastructure.Interception.DbCommandDispatcher.<Reader>b__c(DbCommand t, DbCommandInterceptionContext`1 c) +9
System.Data.Entity.Infrastructure.Interception.InternalDispatcher`1.Dispatch(Target target, Func`3 operation, InterceptionContext interceptionContext, Action`3 executing, Action`3 executed) +72
System.Data.Entity.Infrastructure.Interception.DbCommandDispatcher.Reader(DbCommand command, DbCommandInterceptionContext interceptionContext) +355
System.Data.Entity.Internal.InterceptableDbCommand.ExecuteDbDataReader(CommandBehavior behavior) +167
System.Data.Common.DbCommand.ExecuteReader(CommandBehavior behavior) +12
System.Data.Entity.Core.Mapping.Update.Internal.DynamicUpdateCommand.Execute(Dictionary`2 identifierValues, List`1 generatedValues) +234
System.Data.Entity.Core.Mapping.Update.Internal.UpdateTranslator.Update() +139

[UpdateException: An error occurred while updating the entries. See the inner exception for details.]
Current Data Entry: From Monitor (Index) Table:tbl_customer (Index) : 190
```


I know Allpax prefers inline editing and while this has not yet been implemented in the new project, I have learned how to do it on another project.

annorumsupra.gossdouglas.com/Material

Home Materials

Material Management

Testing: Record selected for edit or delete via Axios

ID: TYPE: SUBTYPE: ACTION

Testing: Record selected for edit or delete via Axios

Testing: Add Record via Axios

ID TYPE SUB-TYPE ACTION

AUTO

Testing: Add Record via Axios

ID	TYPE	SUB-TYPE	ACTION
1	CONSUMABLE	GLUE	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
2	CONSUMABLE	MISC	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
3	CONSUMABLE	NAIL	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

Home Materials

When a record row is selected...

Jquery detects that event. This is the basis for my inline editing.

Material Management

Testing: Record selected for edit or delete via Axios

ID: TYPE: SUBTYPE: ACTION

Testing: Record selected for edit or delete via Axios

Testing: Add Record via Axios

ID TYPE SUB-TYPE ACTION

AUTO

Testing: Add Record via Axios

1	CONSUMABLE	GLUE	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
2	CONSUMABLE	MISC	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
3	CONSUMABLE	NAIL	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

Testing: Add Record via Axios

A new record can be added to the database.

ID	TYPE	SUB-TYPE	ACTION
AUTO	<input type="text" value="aaa"/>	<input type="text" value="aaaa"/>	<input type="button" value="Add"/>

Testing: Add Record via Axios

ID	TYPE	SUB-TYPE	ACTION
39	aaa	aaaa	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
1	CONSUMABLE	GLUE	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
2	CONSUMABLE	MISC	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

Javascript code has been added to affect the visibility of record buttons.

When the edit button is pressed...

ID	TYPE	SUB-TYPE	ACTION
39	aaa	aaaa	<input type="button" value="Update"/> <input type="button" value="Cancel"/>

The buttons that are available change.

When the delete button is pressed...

ID	TYPE	SUB-TYPE	ACTION
39	aaa	aaaa	<input type="button" value="Confirm"/> <input type="button" value="Cancel"/>

The buttons that are available change.

These features are testable on <http://annorumsupra.gossdouglas.com/Material>