

A decorative graphic on the left side of the slide, consisting of a network of white lines and circles on a teal background, resembling a circuit board or a tree structure.

SMCPS SUMMER INTERNSHIP

BRANDON CRATTY

NOVEMBER 29, 2016

COSC 380

ABOUT MY WORKPLACE

- I worked for St. Mary's County Public Schools in the IT department as a programmer
- Building is an old elementary school building where the classrooms became offices located in Bushwood, MD
- Fellow employees within the building ranged around 55 employees with 12 technicians getting sent to go service schools
- There were 3 other programmers. One was expertise was with tSQL, the other was mostly known for being almost a project manager where she would spend most of her time doing technical writing for the school board, and the 3rd was the database administrator/head programmer.

NEW MATERIAL

- tSQL
- Visual Basic
- Converting c# to Visual Basic
- Microsoft Visual Studios Team Manager
- MVC
- HTML
- CSS
- VBHTML
- OWIN Authentication

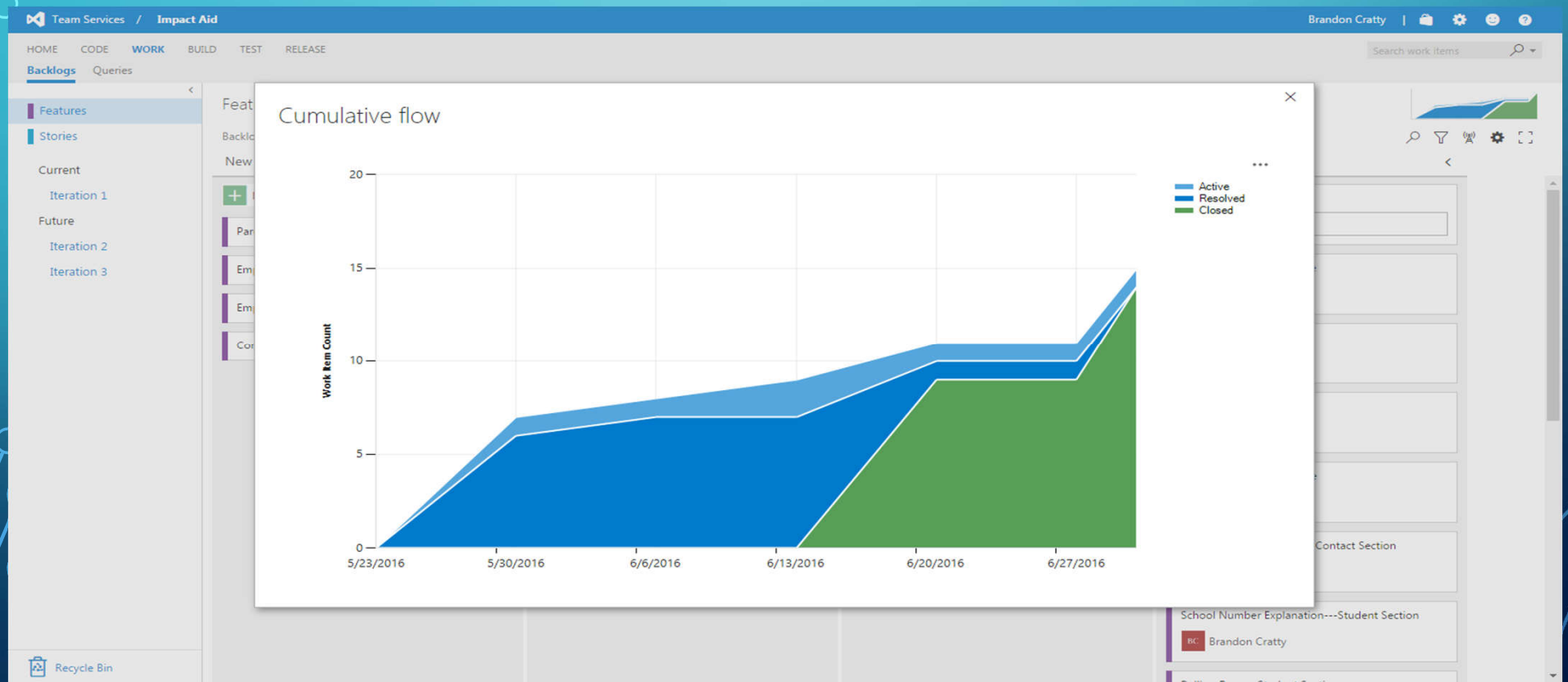
JOB RESPONSIBILITIES

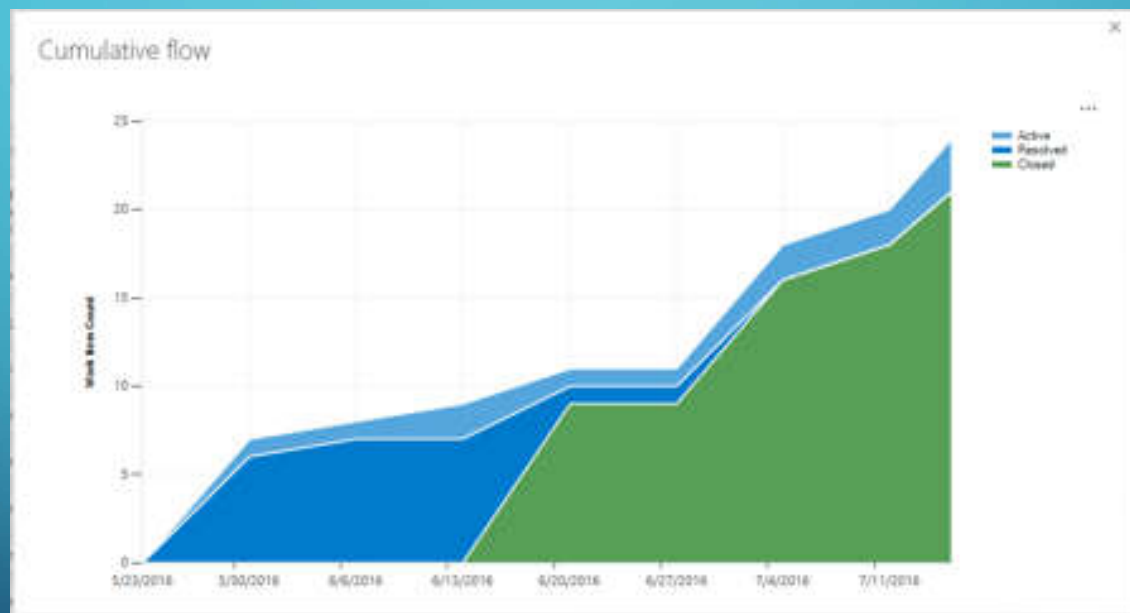
- Help set up Audio and Video for High School, Vocational, and Community College Graduations
- Database Management
- Impact Aid Form
- Emergency Contact Form
- Typing Procedural Documents
- Some web security

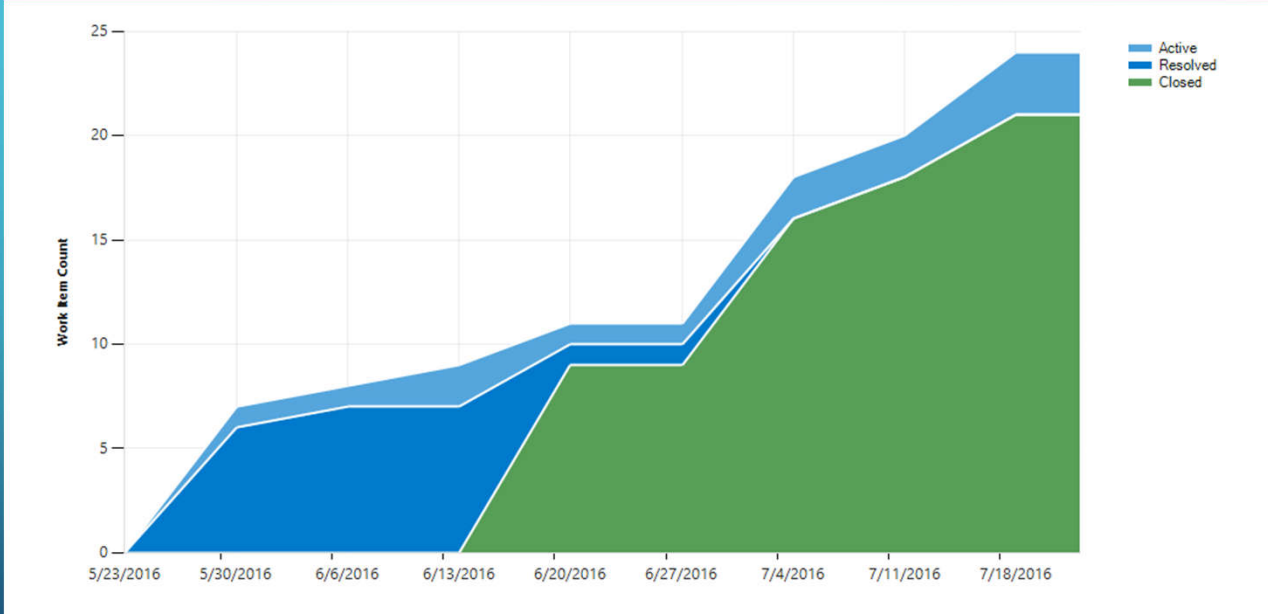
WEB SECURITY

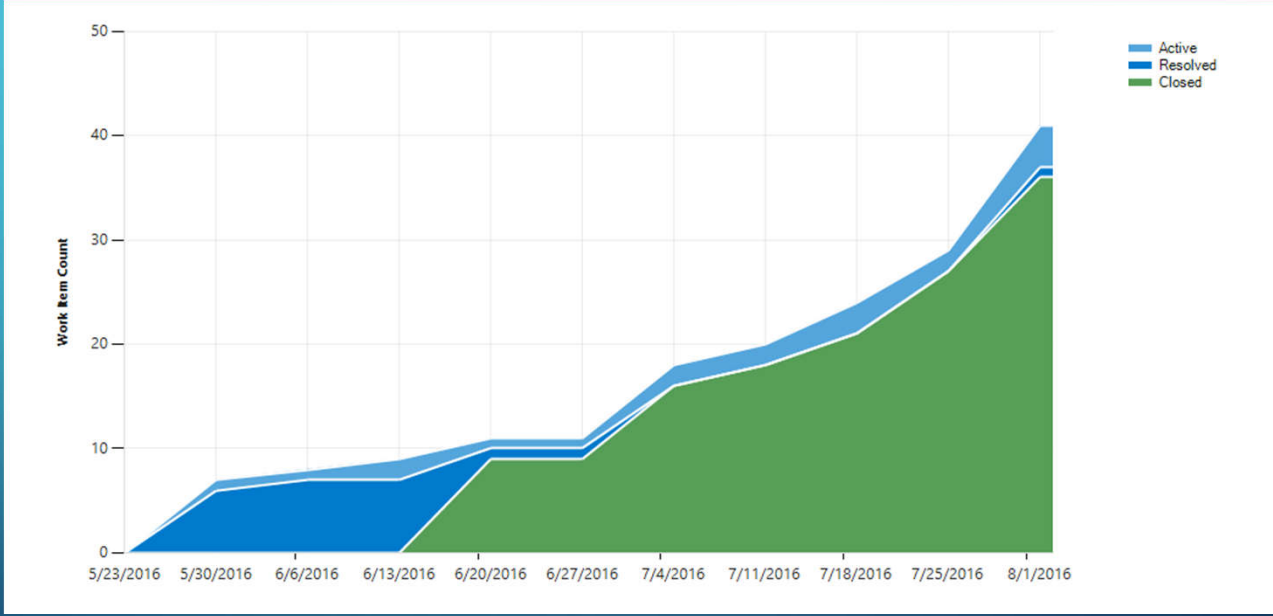
- Monitor the networks and firewalls for anything strange or aggressive
- Handle international hackers
- Maintain kids that would try to crash the computer networks

EXAMPLES OF VISUAL STUDIOS TEAM MANAGER









IMPACT AID FORM (BEFORE)

St. Mary's County Public Schools

Impact Aid Form

INFORMATION IS STRICTLY CONFIDENTIAL
St. Mary's County Public Schools (SMCPS) will provide this form to request for the student's records.

NOTE: If students are not in the custody of MARY'S COUNTY PUBLIC SCHOOLS, this form will not be processed. Contact below for more information regarding Parental Rights and Responsibilities.

NOTE: If a student is not a legal resident of the State of Maryland, the parent/guardian must provide the address of the student's legal residence in the state of Maryland. Please provide the address of the student's legal residence in the state of Maryland.

Section 1: Student Basic Information (Please provide the correct student address)

Last Name	First Name	Middle Name	DOB (MM/DD/YYYY)	Sex
Winters	Greg		03/12/2002	Male

Section 2: Parent/Guardian Information

Parent/Guardian Name	City	State	Zip	Home Phone Number
20000 - Morgan Grove	Blackensville	MD	20693	3017337400

Section 3: Parent/Guardian Contact Information

Parent/Guardian Name	Address	City	State	Zip
20000 - Morgan Grove				

Section 4: Parent/Guardian Signature

Parent/Guardian Name: _____
 Title: _____
 Signature: _____
 Date: _____

Section 5: Parent/Guardian Contact Information

Home Phone: _____
 Cell Phone: _____
 Email: _____

Section 6: Parent/Guardian Address

Parent Address: _____
 City: _____
 State: _____
 Zip: _____

Section 7: Parent/Guardian Contact Information

Parent Address: _____
 City: _____
 State: _____
 Zip: _____

Section 8: Parent/Guardian Contact Information

Parent Address: _____
 City: _____
 State: _____
 Zip: _____

If there are other siblings living in the same household who attend St. Mary's County Public Schools

Sibling Name	Sibling Date of Birth	Sibling School	Sibling Grade	Sibling ID
Alana Winters	09/20/03	Morgan Grove Middle	07	182742
Shelby Winters	07/20/05	Great Mills High	09	182749
Kyle Winters	03/01/02	Morgan Grove Middle	08	179814

Add Sibling / Child

Additional Contacts Please fill out for all contacts, with at least one phone number. Used to, in which we may contact your child or contact if you cannot be reached. The student will be allowed to provide other than the parent, guardian, or address listed below. I hereby authorize the release of the student in the following person in the event of illness, injury, evacuation or emergency that may occur while student is in school.

Contact Name (Print)	Contact Name (Last)	Relationship (Student)	Home Phone	Work Phone	Cell Phone
Kathryn	Winters	Grandparent			3017119177
Adele	Blewer	Grandparent	3012833424	3017382283	
Mary	Budgenski	Grandparent	3012021136		3094211916
Robert	Blewer	Grandparent	3019432928	3017382447	

Add Contact

This student does not appear on this list.

Section 9: Additional Signature List

Parent Signature

1. Describe if parent visible on the following (Print last name "Last" only) Pick one:

2. Is either parent, guardian, or legal guardian residing with the student or in the household? Pick one:

3. Is either parent, guardian, or legal guardian NOT residing with the student or in the household? Pick one:

4. Does it fall under the jurisdiction of the following (Print last name "Last" only) Pick one:

NOTE: County Department offices and post offices are not on this list.

Complete

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IMPACT AID FORM (AFTER)



Impact Aid Form

[Parent Impact Assessment](#)
[System](#)
[SACPS Homepage](#)
[Anonymous](#)

INFORMATION IS STRICTLY CONFIDENTIAL

St. Mary's County Public Schools (SACPS) asks you to verify the data as it appears in the student database.

Note: This form will ask you to review your child's data and make any necessary changes. If the physical address is not current, correct below and send the school acceptable Proof of Residency documentation.

Please return signed, completed forms to your child's school by October 15, 2015. Thank you.

Section I - Student Data Verification (Information was taken from the central student database)

Please verify the data is correct

Student Info					
Last Name	First Name	Middle Name	DOB (mm/dd/yyyy)	Race	
Winstead	Angel	Lynn	10/31/2006	White	
Contact Info					
Street Address			City	State	Zip
29968 Barger Drive			Mechanicsville	MD	20659
Home Phone			3017526182		
Student's School Information					
School Name	IEP	Grade	Homeroom	Student ID#	
Chopticon High	N	09		179852	

Please complete/update guardian information below

Legal Guardian Information					
First Name	Last Name	Home Phone	Cell Phone	Email	
John	Winstead		3019619956		
Legal Guardian Address					
Street Number and Name			City	State	Zip
29968 Barger Drive			Mechanicsville	MD	20659
Legal Guardian Employer Info					
Employer			Work Phone		
G.D.C.					
Physical Work Address		Blg#	City	State	Zip
				MD	

If there is a second legal guardian

Legal Guardian Information					
First Name	Last Name	Home Phone	Cell Phone	Email	
Julie	Winstead	3017526182		super_mom11681@hotmail.com	
Legal Guardian Address					
Street Number and Name			City	State	Zip
29968 Barger Drive			Mechanicsville	MD	20659
Legal Guardian Employer Info					
Employer			Work Phone		
Robert J. Brewer, CPA/PC / G.D.C.					
Physical Work Address		Blg#	City	State	Zip
				MD	

There are other siblings living in the same household who attend St. Mary's County Public Schools

Sibling Name	Sibling Birthdate	Sibling School	Sibling Grade	Sibling ID#
Alyssa Wohlforth	4/9/2003	Margaret Brent Middle	07	180742
Bradley Wohlforth	11/7/2000	Great Mills High	09	180741
Kane Winstead	3/29/2002	Margaret Brent Middle	08	179850

[Add New Sibling](#)

Authorized Contacts Please list up to 4 contacts, with at least one phone number filled in, in which we may release your child or contact if you cannot be reached. No student will be released to anyone other than the parents, guardians, or adults listed below. I hereby authorize the release of the student to the following persons in the event of illness, injury, evacuation or emergency that may occur while students are in school.

Contact Name / First	Contact Name / Last	Relation to Student	Home Phone	Work Phone	Cell Phone
Kathryn	Winstead	Grandparent			3017519677
Adèle	Brewer	Grandparent	3012833424	3017282253	
Mary	Ridgeway	Grandparent	3012592136		2406821316
Robert	Brewer	Grandparent		3018432505	3017282247

[Add New Contact](#)

This student has a daycare provider

[Complete](#)

PRINT PAGE

Impact Aid Form

ALL INFORMATION IS STRICTLY CONFIDENTIAL

Mary's County Public Schools (MCPS) uses this form to verify the data that appears in the Student database. Sections 1 of this form will ask you to review your child's data and make any necessary changes. If the physical address is not current, correct below and send the school an acceptable Proof of Residency documentation. Section 2 of this form is the basis for payment of federal funds under the Impact Aid Program (Title VII of the Elementary and Secondary Education Act), and may be provided to the U.S. Department of Education. For a complete listing of eligible federal proprietors in Maryland, please visit the Impact Aid Quick Link at www.mcpsd.org. Please return signed, completed forms to your child's school by October 15, 2015. Thank you.

Section I - Student Data Verification

School: Chopticon High		
Student Name: Angel Lynn Winstead	Student ID: 179852	Grade: 09
Physical Address: 29988 Berger Drive, Mechanicsville, MD 20659	Phone Number: Home: 301.752.6182	
Race: White	ETH: N	Homeless:

Guardian information

Guardian #1

Guardian's Name:	John Winstead	
Contact Info:	Email: _____ Home Phone: _____ Cell Phone: 301.851.9956 Work Phone: _____	
Living Address:	29988 Berger Drive, Mechanicsville, MD 20659	
Employer:	G.D.C. Employee Information	
Physical Work Address:	MD	Zip: _____
Work Phone:	_____	

Guardian #2

Guardian's Name:	Julie Winstead	
Contact Info:	Email: moom11681@hotmail.com Home Phone: 301.752.5182 Cell Phone: _____ Work Phone: _____	
Living Address:	29988 Berger Drive, Mechanicsville, MD 20659	
Employer:	Robert L. Brewer, CRA, PC / G.D.C. Employee Information	
Physical Work Address:	Choose _____	Zip: _____
Work Phone:	_____	

Siblings living in the same household who attend St. Mary's County Public Schools

Sibling Name	Sibling Date of Birth	Sibling School	Sibling Grade	Sibling ID
Alyssa Washforth	4/8/2003	Margaret Brent Middle	07	180741
Bradley Washforth	11/7/2000	Great Mills High	09	180741
Kane Winstead	3/28/2002	Margaret Brent Middle	08	179850
Alyssa Washforth	4/8/2003	Margaret Brent Middle	07	180742
Bradley Washforth	11/7/2000	Great Mills High	09	180741
Kane Winstead	3/28/2002	Margaret Brent Middle	08	179850

Authorized Contacts: No student will be released to anyone other than the parents, guardians, or adults listed below. I hereby authorize the release of the student to the following persons in the event of illness, injury, evacuation or emergency that may occur while the students are in school.

Contact Name	Relation to Student	Home Phone	Work Phone	Cell Phone
Kathryn Winstead	Grandparent			301.751.9677
Adele Brewer	Grandparent	301.283.8424	301.728.2253	
Mary Ridgeley	Grandparent	301.259.2136		240.682.1316
Robert Brewer	Grandparent	301.844.2505	301.728.2247	
Kathryn Winstead	Grandparent			301.751.9677
Adele Brewer	Grandparent	301.283.8424	301.728.2253	
Mary Ridgeley	Grandparent	301.259.2136		240.682.1316
Robert Brewer	Grandparent	301.844.2505	301.728.2247	

Section II - Federal Impact Aid

- Where does the student reside on? Oliver Forest
- Is either parent, stepparent, or legal guardian residing with the student active members of the armed services? Yes
- Is either parent or guardian NOT residing with the student on active duty in the uniformed services? Yes

Name: James Brandon Cratty	Type of Service: U.S. Military	Branch of Service: Air Force
----------------------------	--------------------------------	------------------------------

4. Does at least one of the parents/guardians living with the child work on federal property in the State of Maryland as of 9/30/14? Yes

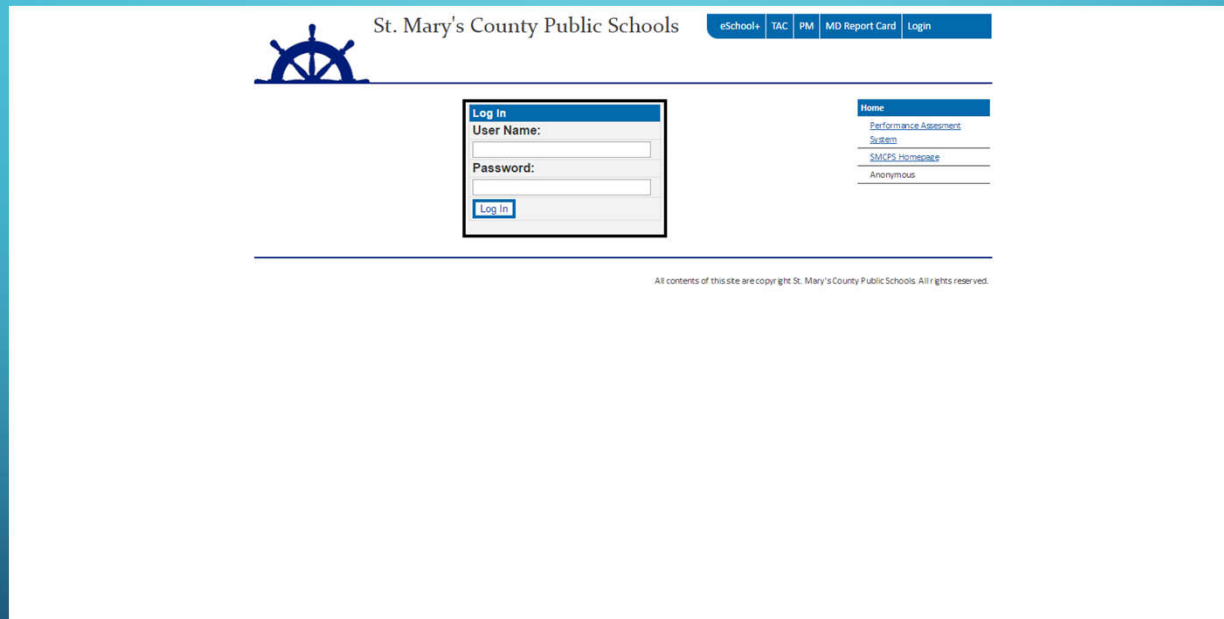
FULL NAME OF PARENT/GUARDIAN WHO WORKS ON FEDERAL PROPERTY IN THE STATE OF MARYLAND AS OF 9/30/14 WITH WHOM THE STUDENT RESIDES:

Name: Brandon James Cratty	Federal Living Space Location: USGA, National Plant Material Ctr.
----------------------------	---

By signing this form, I am certifying that all the typed and written information on this form is accurate and complete as of September 30, 2015. This form must be signed and dated in order to receive funds based on this information.

Signature of Parent/Legal Guardian: _____	Date: _____
---	-------------

LOGIN PAGE



St. Mary's County Public Schools

eSchool+ TAC PM MD Report Card Login

Log In

User Name:

Password:

Home

- [Performance Assessment System](#)
- [SMCPS Homepage](#)
- [Anonymous](#)

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COMPLETED PAGE



St. Mary's County Public Schools

eSchool- TAC- PM- MD Report Card- Login

Thank you for completing the form.
[Click Here to return to SMCP's Home Page.](#)

Name
Enchanted Business System
SMCP's Homepage
Anonymous

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THE IMPACT AID FORM TODAY

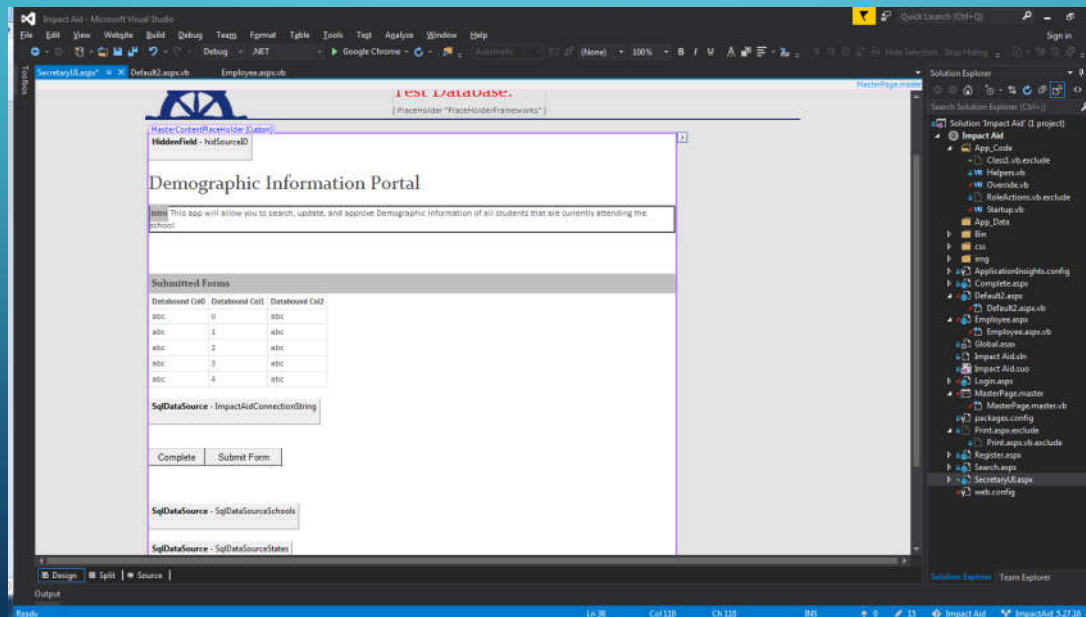
- The Impact Aid form was actually taken off the to-do board. After working on for months it came to the conclusion that the School System could not utilize an online version of the Impact Aid form. A few of the reasons were risks of governmental altercations. Another was the time constraints that would not be met. So this is when I was put on a new task

EMERGENCY CONTACT INFORMATION

- This was pretty much the same as the Impact Aid Form but no longer had the federal government element involved. One of the features that I ended up adding was a Secretary Interface. This interface allowed a secretary to monitor the information that was being sent in to see if they met their approval or not. If it met their approval then the secretary could update the database. If not and it had to be something that was minor the secretary would contact the parents to change any minor errors that were there
- Some of the neat features I added to this was I had alternating colors for the rows of the table as well as when hovering over the row it would change colors same if you select the row of data

SECRETARY UI DESIGN

- I lost access to the database and I forgot to take a screenshot of the web page when it was active but here is the Visual Studios layout of it



COMMON ERRORS

Server Error in '/' Application.

Object reference not set to an instance of an object.

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.NullReferenceException: Object reference not set to an instance of an object.

Source Error:

```
Line 439:
Line 440:     If (EmployeeNum() = True) Then
Line 441:         If (userManager.IsInRole(user.Id, "Secretary") = False) Then
Line 442:             Dim newUser As New IdentityUser With {.}
Line 443:             userManager.AddToRole(user.UserName, "Secretary")
```

Source File: C:\Users\BJCratty\Source\Repos\Impact Aid\Impact Aid\Login.aspx.vb **Line:** 441

Stack Trace:

```
[NullReferenceException: Object reference not set to an instance of an object.]
Login.Login1_LoggedIn(Object sender, EventArgs e) in C:\Users\BJCratty\Source\Repos\Impact Aid\Impact Aid\Login.aspx.vb:441
System.Web.UI.WebControls.Login.OnLoggedIn(EventArgs e) +116
System.Web.UI.WebControls.Login.AttemptLogin() +226
System.Web.UI.WebControls.Login.OnBubbleEvent(Object source, EventArgs e) +75
System.Web.UI.Control.RaiseBubbleEvent(Object source, EventArgs args) +37
System.Web.UI.WebControls.Button.OnCommand(CommandEventArgs e) +114
System.Web.UI.WebControls.Button.RaisePostBackEvent(String eventArgument) +260
System.Web.UI.WebControls.Button.System.Web.UI.IPostBackEventHandler.RaisePostBackEvent(String eventArgument) +12
System.Web.UI.Page.RaisePostBackEvent(IPostBackEventHandler sourceControl, String eventArgument) +15
System.Web.UI.Page.RaisePostBackEvent(NameValueCollection postData) +35
System.Web.UI.Page.ProcessRequestMain(Boolean includeStagesBeforeAsyncPoint, Boolean includeStagesAfterAsyncPoint) +1639
```

Version Information: Microsoft .NET Framework Version:4.0.30319; ASP.NET Version:4.6.1055.0

Server Error in '/' Application.

A network-related or instance-specific error occurred while establishing a connection to SQL Server. The server was not found or was not accessible. Verify that the instance name is correct and that SQL Server is configured to allow remote connections. (provider: SQL Network Interfaces, error: 26 - Error Locating Server/Instance Specified)

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.

SQLExpress database file auto-creation error:

The connection string specifies a local SQL Server Express instance using a database location within the application's App_Data directory. The provider attempted to automatically create the application services database because the provider determined that the database does not exist. The following configuration requirements are necessary to successfully check for existence of the application services database and automatically create the application services database:

1. If the application is running on either Windows 7 or Windows Server 2008R2, special configuration steps are necessary to enable automatic creation of the provider database. Additional information is available at <http://go.microsoft.com/fwlink/?LinkID=102102>. If the application's App_Data directory does not already exist, the web server account must have read and write access to the application's directory. This is not necessary because the web server account will automatically create the App_Data directory. If does not already exist.
2. If the application's App_Data directory already exists, the web server account only requires read and write access to the application's App_Data directory. This is necessary because the web server account will attempt to verify that the SQL Server Express database already exists within the application's App_Data directory. Failing to read access on the App_Data directory from the web server account will prevent the provider from correctly determining if the SQL Server Express database already exists. This will cause an error when the provider attempts to create a duplicate of an already existing database. Write access is required because the web server account's credentials are used when creating the new database.
3. SQL Server Express must be installed on the machine.
4. The process identity for the web server account must have a local user profile. See the readme document for details on how to create a local user profile for both machine and domain accounts.

Source Error:

An unhandled exception was generated during the execution of the current web request. Information regarding the origin and location of the exception can be identified using the exception stack trace below.

Stack Trace:

```
[SqlException (0x80131904): A network-related or instance-specific error occurred while establishing a connection to SQL Server. The server was not found or was not accessible. Verify that the instance name is correct and that SQL Server is configured to allow remote connections. (provider: SQL Network Interfaces, error: 26 - Error Locating Server/Instance Specified)]
System.Data.SqlClient.SqlInternalConnectionTds.<ctor>(DbConnectionPoolIdentity identity, SqlConnectionString connectionOptions, SqlCredential credential, Object providerInfo, String newPassword, SecureString newSecurePassword, Boolean redirectedUserInstance, SqlConnectionString userConnectionOptions, SessionData reconnectSessionData, DbConnectionPool pool, String accessToken, Boolean applyTransientFaultHandling) +830
System.Data.SqlClient.SqlConnectionFactory.CreateConnection(DbConnectionOptions options, DbConnectionPoolKey poolKey, Object poolGroupProviderInfo, DbConnectionPool pool, DbConnection owningConnection, DbConnectionOptions userOptions) +3743183
System.Data.ProviderBase.DbConnectionFactory.CreateNonPoolConnection(DbConnection owningConnection, DbConnectionPoolGroup poolGroup, DbConnectionOptions userOptions) +38
System.Data.ProviderBase.DbConnectionFactory.TryGetConnection(DbConnection owningConnection, TaskCompletionSource`1 retry, DbConnectionOptions userOptions, DbConnectionInternal oldConnection, DbConnectionInternal& connection) +507
System.Data.ProviderBase.DbConnectionInternal.TryOpenConnectionInternal(DbConnection outerConnection, DbConnectionFactory connectionFactory, TaskCompletionSource`1 retry, DbConnectionOptions userOptions) +154
System.Data.ProviderBase.DbConnectionClosed.TryOpenConnection(DbConnection outerConnection, DbConnectionFactory connectionFactory, TaskCompletionSource`1 retry, DbConnectionOptions userOptions) +21
System.Data.SqlClient.SqlConnection.TryOpenInner(TaskCompletionSource`1 retry) +90
System.Data.SqlClient.SqlConnection.TryOpen(TaskCompletionSource`1 retry) +217
System.Data.SqlClient.SqlConnection.Open() +96
System.Web.Management.SqlServices.GetSqlConnection(String server, String user, String password, Boolean trusted, String connectionString) +75

[HttpException (0x80004005): Unable to connect to SQL Server database.]
System.Web.Management.SqlServices.GetSqlConnection(String server, String user, String password, Boolean trusted, String connectionString) +125
System.Web.Management.SqlServices.SetupApplicationServices(String server, String user, String password, Boolean trusted, String connectionString, String database, String dbFileName, SqlFeatures features, Boolean install) +89
System.Web.Management.SqlServices.Install(String database, String dbFileName, String connectionString) +29
System.Web.DataAccess.SqlConnectionHelper.CreateMdfFile(String fullFileName, String dataDir, String connectionString) +386
```

Version Information: Microsoft .NET Framework Version:4.0.30319; ASP.NET Version:4.6.10550

Server Error in '/' Application.

UserId not found.

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.InvalidOperationException: UserId not found.

Source Error:

```
Line 371:         'Session("userManager") = userManager
Line 372:         Dim user = userManager.Find(Login1.UserName, Login1.Password)
Line 373:         Dim pFlag = UserManagerExtensions.IsInRole(userManager, user.Id, "Parent")
Line 374:         Dim sFlag = UserManagerExtensions.IsInRole(userManager, user.Id, "Secretary")
Line 375:         'even when trying to create the user because I thought it was not being intialized I thought this would help but stil same error of userId not found
```

Source File: C:\Users\BJCratty\Source\Repos\Impact Aid\Impact Aid\Login.aspx.vb **Line:** 373

Stack Trace:

```
[InvalidOperationException: UserId not found.]
Microsoft.AspNet.Identity.<IsInRoleAsync>d_b2.MoveNext() +629
System.Runtime.CompilerServices.TaskAwaiter.ThrowForNonSuccess(Task task) +92
System.Runtime.CompilerServices.TaskAwaiter.HandleNonSuccessAndDebuggerNotification(Task task) +58
System.Runtime.CompilerServices.TaskAwaiter`1.GetResult() +28
Microsoft.AspNet.Identity.AsyncHelper.RunSync(Func`1 func) +170
Microsoft.AspNet.Identity.UserManagerExtensions.IsInRole(UserManager`2 manager, TKey userId, String role) +140
Login.Login1_LoggingIn(Object sender, LoginCancelEventArgs e) in C:\Users\BJCratty\Source\Repos\Impact Aid\Impact Aid\Login.aspx.vb:373
System.Web.UI.WebControls.Login.OnLoggingIn(LoginCancelEventArgs e) +9693802
System.Web.UI.WebControls.Login.AttemptLogin() +79
System.Web.UI.WebControls.Login.OnBubbleEvent(Object source, EventArgs e) +75
System.Web.UI.Control.RaiseBubbleEvent(Object source, EventArgs args) +37
System.Web.UI.WebControls.Button.OnCommand(CommandEventArgs e) +114
System.Web.UI.WebControls.Button.RaisePostBackEvent(String eventArgument) +260
System.Web.UI.WebControls.Button.System.Web.UI.IPostBackEventHandler.RaisePostBackEvent(String eventArgument) +12
System.Web.UI.Page.RaisePostBackEvent(IPostBackEventHandler sourceControl, String eventArgument) +15
System.Web.UI.Page.RaisePostBackEvent(NameValueCollection postData) +35
System.Web.UI.Page.ProcessRequestMain(Boolean includeStagesBeforeAsyncPoint, Boolean includeStagesAfterAsyncPoint) +1639
```

Version Information: Microsoft .NET Framework Version:4.0.30319; ASP.NET Version:4.6.1055.0

Server Error in '/' Application.

*Value cannot be null.
Parameter name: username*

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.ArgumentNullException: Value cannot be null.
Parameter name: username

Source Error:

An unhandled exception was generated during the execution of the current web request. Information regarding the origin and location of the exception can be identified using the exception stack trace below.

Stack Trace:

```
[ArgumentNullException: Value cannot be null.  
Parameter name: username]  
System.Web.Util.SecurityUtility.CheckParameter(String& param, Boolean checkForNull, Boolean checkIfEmpty, Boolean checkForCommas, Int32 maxSize, String paramName) +9681769  
System.Web.Security.SqlRoleProvider.GetRolesForUser(String username) +60  
WebMatrix.WebData.SimpleRoleProvider.GetRolesForUser(String username) +58  
System.Web.Security.RolePrincipal.IsInRole(String role) +9732843  
System.Web.UI.WebControls.RoleGroup.ContainsUser(IPrincipal user) +55  
System.Web.UI.WebControls.RoleGroupCollection.GetMatchingRoleGroupInternal(IPrincipal user) +173  
System.Web.UI.WebControls.LoginView.GetTemplateIndex() +104  
System.Web.UI.WebControls.LoginView.CreateChildControls() +71  
System.Web.UI.Control.EnsureChildControls() +92  
System.Web.UI.Control.PreRenderRecursiveInternal() +42  
System.Web.UI.Control.PreRenderRecursiveInternal() +160  
System.Web.UI.Control.PreRenderRecursiveInternal() +160  
System.Web.UI.Control.PreRenderRecursiveInternal() +160  
System.Web.UI.Page.ProcessRequestMain(Boolean includeStagesBeforeAsyncPoint, Boolean includeStagesAfterAsyncPoint) +883
```

Version Information: Microsoft .NET Framework Version:4.0.30319; ASP.NET Version:4.6.1055.0

CHALLENGES

- Keeping up with the Team Manager Feature and keeping track of the things I have done
- Understanding the structure of web apps versus the usual programs we code for our classes i.e PostBack , PageLoad, LoadComplete, and etc
- Learning a whole new language like Visual Basic and the concept of interpreting a database into a project
- Reworking the code so that it would work across platforms and the layouts would stay the same
- The first big challenge in coding was trying to add a new row dynamically to the sibling and contact tables using the code behind
- The biggest challenge was converting the project to use ASP.NET Identity for Users and Roles. This is where I left the project off at before I came back to school
 - Some of those errors on the previous slide are from trying to do this
- Not having much support due to my fellow coworkers having such a busy schedule was an obstacle

SOLUTION TO CHALLENGES

The Google logo is centered on a white rectangular background. It consists of the word "Google" in its signature multi-colored font: a blue 'G', a red 'o', a yellow 'o', a blue 'g', a green vertical bar, and a red 'e'.

Google

CLASSROOM EXPERIENCE

- Simply being around computers and technology for most of my life helped me with setting up the Tricaster for the graduations
- Having 4 coding classes going into the internship had me prepared for the internship
- Handling tough deadlines for projects kept me on pace as well

WHAT I TAKE AWAY FROM THIS

- A new understanding of Databases
- Learned about a few new languages
 - tSQL
 - Visual Basic
 - HTML
 - CSS
 - C#
 - JavaScript
 - Ajax
- Know how to direct and work a Tricaster