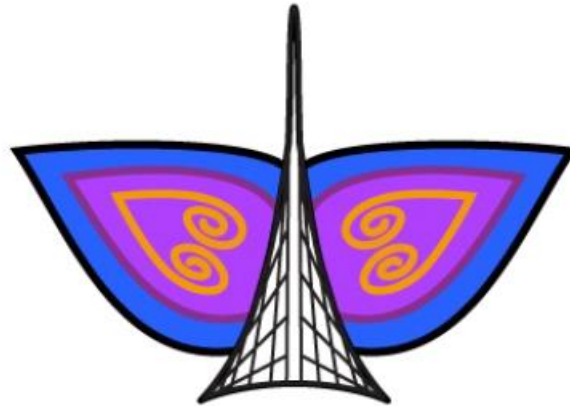


Milwaukee Consortium for Hmong Health Salesforce User Manual



MILWAUKEE CONSORTIUM
FOR HMONG HEALTH

Jeswin George, George Jose, Joe Marsicano, Randy Staszak, Bogdan
Taran

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I. Introduction:

The goal of the Hmong Health system is to create an easy way for patients and also health professionals alike to use and understand various forms of data that can be collected not only on the patients but also the workshops and doctors as well. The system created in Salesforce is able to collect critical data in the forms of cancer screening results and the reasons why certain patients may refuse the opportunity to undergo these screenings as well. If a medical office or a hospital did not have a correctly designed database structure like the example created in this Salesforce project, there would be data chaos which could have dangerous repercussions. When dealing with information such as patients' health, it is incredibly important to ensure that sensitive information like patients' test results are correctly stored as if the data was to be swapped with say a sick and healthy patient, doctors could fail to treat the sick patient and could instead treat a perfectly healthy patient which could in turn lead to serious injuries or even fatalities. Another reason or goal of this project is to create quick-to-view visual representations of the data that is collected in the form of reports and dashboards. These two tools would allow either a patient or a medical professional to quickly review the results of surveys or even tests to try and find trends among the collected data. If a survey comes back with a majority of respondents in a certain community being hesitant to undergo a procedure or screening and in turn large amounts of positive cases are found years down the line in the same hesitant community, it may be easier to connect the dots between hesitancy of procedures and positive cases. This exact scenario was recently witnessed in the last few years with Covid Case fatalities. Communities

that had high amounts of denial towards the vaccine or outright refusal were far more likely to contract and die from Covid. If a system like the Salesforce project was put in place it could help medical professions prevent and quickly react to outbreaks of certain diseases based on responses like those collected in the surveys.

Sign-in Information:

SALESFORCE USERNAME & PASSWORD:

Insy4052group@gmail.com

Marq1234

GMAIL USERNAME & PASSWORD:

Insy4052group@gmail.com

Marq1234

II. Main Screen:

The screenshot displays the Salesforce user interface for Joe M. The top navigation bar includes the Salesforce logo, a search bar, and options to switch to the Lightning Experience. The main navigation tabs are Home, Clients, Grants, Workshops, CHWs, Reports, and Dashboards. The user's profile is shown as Joe M. on Friday, December 9, 2022. A 'Winter '23 for Developers' badge is visible in the top right.

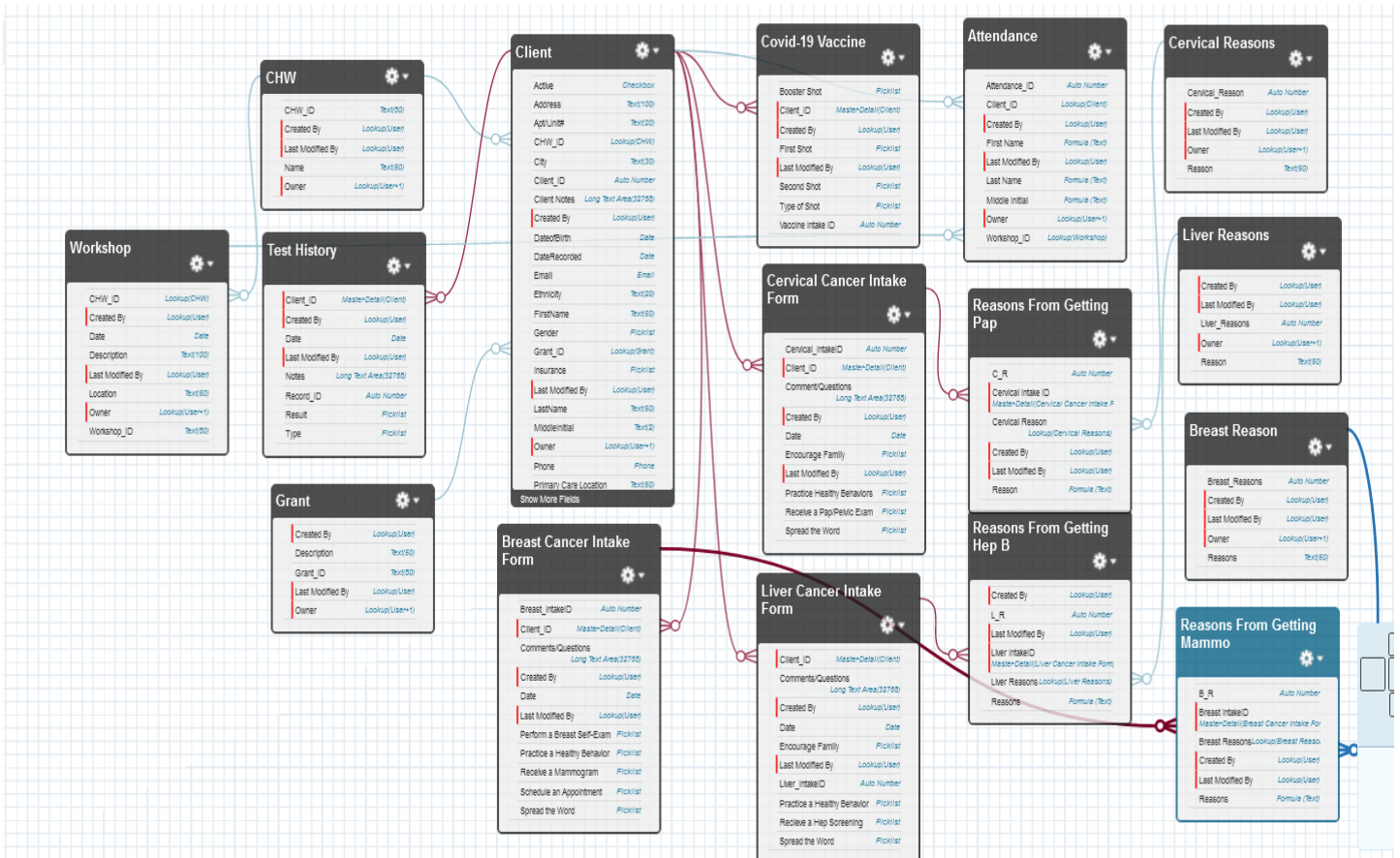
The dashboard section shows two pie charts, both titled 'Record Count'. The first chart is for 'Name' and the second is for 'Grant_ID'. Both charts show a distribution of records across categories: John Davis (blue), Liam Johnson (orange), Mo park (green), and Nathan Miller (purple).

The 'My Tasks' table is as follows:

Complete	Date	Status	Subject	Name	Related To	Account
X		Not Started	Email			
X		Not Started	Call new patient			
X		In Progress	Meet with radiologist			

At the bottom, the 'Items to Approve' section is visible with a 'Manage All' link.

III. Entity Relationship:



IV. Viewing Forms:

Users have a variety of tabs they are able to choose from depending on their needs or information needed.

The screenshot shows a Salesforce dashboard with a navigation bar at the top containing tabs for Home, Clients, Grants, Workshops, CHWs, Reports, and Dashboards. Below the navigation bar is a search bar labeled 'Quick Find / Search...'. The main content area is divided into several sections:

- Getting Started:** Contains two cards. The first is 'Build App' with a sub-heading 'Generate a basic app with just one step, and then easily extend that app with clicks or code.' and an 'Add App' button. The second is 'Salesforce Lightning' with a sub-heading 'Turn on the power, speed, and simplicity of the new Salesforce user experience' and a 'Get Started' button.
- Recent Items:** A table listing recent items with columns for Name, Type, and Object.

Name	Type	Object
Joe M	User	
dashboard	Custom App	
SFDC_DevConsole	Debug Level	
Practice a Healthy Behavior	Custom Field Definition	Liver Cancer Intake Form
Liver Cancer Intake Form Layout	Page Layout	Liver Cancer Intake Form
Liver Cancer Intake Form	Custom Object Definition	
Breast Cancer Intake Form	Custom Object Definition	
Breast Cancer Intake Form Layout	Page Layout	Breast Cancer Intake Form
Reasons From Getting Mammo	Custom Object Definition	
Reasons From Getting Mammo Layout	Page Layout	Reasons From Getting Mammo

V. Viewing Entered Information:

The customer is then able to see all of the information entered for their specific profile by clicking the “Go button.”

The screenshot shows a Salesforce 'Clients' page. The navigation bar at the top includes Home, Clients, Grants, Workshops, CHWs, Reports, and Dashboards. The main content area is titled 'Clients Home' and includes a 'Create New...' button. Below this is a 'Recent Items' list on the left side, which includes items like 'Joe M', 'A-0006', 'A-0003', 'A-0001', 'A-0000', 'AT', 'A-0002', 'Meet with radiologist', 'Call new patient', and 'Email'. The main content area is titled 'Recent Clients' and features a table with a 'Client_ID' column. The table contains the following client IDs: A-0006, A-0003, A-0001, A-0000, A-0002, A-0007, A-0004, and A-0005. A 'Go' button is visible next to the 'View:' dropdown.

Action	Client_ID +	FirstName	MiddleInitial	LastName
<input type="checkbox"/> Edit Del	A-0000	John	J	Smith
<input type="checkbox"/> Edit Del	A-0001	Darla	F	James
<input type="checkbox"/> Edit Del	A-0002	Declan	K	Lewis
<input type="checkbox"/> Edit Del	A-0003	Gina	L	Kim
<input type="checkbox"/> Edit Del	A-0004	🔒 Bob	O	Tanaka
<input type="checkbox"/> Edit Del	A-0005	Samantha	J	Flores
<input type="checkbox"/> Edit Del	A-0006	Son		Heung-Min
<input type="checkbox"/> Edit Del	A-0007	Ingrid	E	Svenson

Entering New Data:

The customer is easily able to create a new record by hitting the “New” button which is conveniently located towards the top of the page.

Recent Clients Recently Viewed ▾

New

Client_ID

- [A-0006](#)
- [A-0003](#)
- [A-0001](#)
- [A-0000](#)
- [A-0002](#)
- [A-0007](#)
- [A-0004](#)
- [A-0005](#)

User can also select “Go” and then select “New Client” to input new data or records as needed.

Action	Client_ID +	FirstName	MiddleInitial	LastName
<input type="checkbox"/> Edit Del	A-0000	John	J	Smith
<input type="checkbox"/> Edit Del	A-0001	Darla	F	James
<input type="checkbox"/> Edit Del	A-0002	Declan	K	Lewis
<input type="checkbox"/> Edit Del	A-0003	Gina	L	Kim
<input type="checkbox"/> Edit Del	A-0004	🔒 Bob	O	Tanaka
<input type="checkbox"/> Edit Del	A-0005	Samantha	J	Flores
<input type="checkbox"/> Edit Del	A-0006	Son		Heung-Min
<input type="checkbox"/> Edit Del	A-0007	Ingrid	E	Svenson

VII Forms:

a. Client Entry Form:

The user is able to input as much data as needed such as First Name, Last Name, Date of birth and more by simply filling out the client form which can be accessed by following the prior steps.

Client Edit Save Save & New Cancel

Information

Own

FirstName

MiddleInitial

LastName

DateofBirth [12/9/2022]


DateRecorded [12/9/2022]

Gender


Ethnicity

Primary Doctor

Primary Care Location

CHW_ID 

Insurance

Grant_ID 

Phone

Email

Address

Apt/Unit#

City

State

Zip

Client Notes

Active

Save Save & New Cancel

Finished Result:

Client Detail Edit Delete Clone Sharing Owner Joe M (Change)

Client_ID	A-0006
FirstName	Son
MiddleInitial	
LastName	Heung-Min
DateofBirth	2/4/1996
DateRecorded	12/8/2022
Gender	Male
Ethnicity	South Korean
Primary Doctor	Erik Nordson
Primary Care Location	Milwaukee
CHW_ID	AT
Insurance	Anthem
Grant_ID	WJ
Phone	(333) 212-6098
Email	shn@tottenham.org
Address	320 South Main Street
Apt/Unit#	40
City	Milwaukee
State	WI
Zip	53233
Client Notes	Professional Athlete, work with trainers.
Active	<input checked="" type="checkbox"/>
Created By	Joe M, 12/8/2022, 8:04 AM
Last Modified By	Joe M, 12/9/2022, 4:26 PM

Edit Delete Clone Sharing

VII. b Intake Form:

The user is also able to check their intake forms for four different categories, Liver Cancer, Cervical Cancer, Breast Cancer and their Covid Vaccination status.

Breast Cancer Intake Forms									New Breast Cancer Intake Form	Breast Cancer Intake Forms Help ?
Action	Breast_IntakeID	Date	Perform a Breast Self-Exam	Practice a Healthy Behavior	Receive a Mammogram	Schedule an Appointment	Spread the Word	Comments/Questions		
Edit Del	A-0005	11/8/2022	3 - Neutral	5 - Likely	5 - Likely	5 - Likely	3 - Neutral	"How often should I get checked?"		

Cervical Cancer Intake Forms									New Cervical Cancer Intake Form	Cervical Cancer Intake Forms Help ?
Action	Cervical_IntakeID	Date	Practice Healthy Behaviors	Receive a Pap/Pelvic Exam	Encourage Family	Spread the Word	Comment/Questions			
Edit Del	A_0005	10/7/2022	5 - Likely	5 - Likely	Yes	5 - Likely	"Is constant strain a factor?"			

Liver Cancer Forms								New Liver Cancer Intake Form	Liver Cancer Forms Help ?
Action	Liver_IntakeID	Date	Recieve a Hep Screening	Practice a Healthy Behavior	Encourage Family	Spread the Word	Comments/Questions		
Edit Del	A-0005	2/14/2010	4	5 - Likely	Yes	5 - Likely	"How often should I get checked?"		

Covid-19 Vaccines						New Covid-19 Vaccine	Covid-19 Vaccines Help ?
Action	Vaccine Intake ID	Type of Shot	First Shot	Second Shot	Booster Shot		
Edit Del	A-0001	Pfizer	Yes	Yes	Yes		

The user is then able to click on each Intake form and is presented with these following screens:

[Reasons From Getting Mammos \[1\]](#)

Breast Cancer Intake Form Detail
[Edit](#) [Delete](#) [Clone](#)

Breast_IntakeID	A-0005
Client_ID	A-0006
Date	11/8/2022
Perform a Breast Self-Exam	3 - Neutral
Practice a Healthy Behavior	5 - Likely
Receive a Mammogram	5 - Likely
Schedule an Appointment	5 - Likely
Spread the Word	3 - Neutral
Comments/Questions	"How often should I get checked?"
Created By	Joe M. 12/9/2022, 1:28 PM

Last Modified By [Joe M.](#) 12/9/2022, 1:28 PM

[Edit](#) [Delete](#) [Clone](#)

Reasons From Getting Mammos
[New Reasons From Getting Mammo](#) [Reasons F](#)

Action	B_R
Edit Del	A-0008

[Reasons From Getting Pap \[1\]](#)

Cervical Cancer Intake Form Detail
[Edit](#) [Delete](#) [Clone](#)

Cervical_IntakeID	A_0005
Client_ID	A-0006
Date	10/7/2022
Practice Healthy Behaviors	5 - Likely
Receive a Pap/Pelvic Exam	5 - Likely
Encourage Family	Yes
Comment/Questions	"Is constant strain a factor?"
Spread the Word	5 - Likely
Created By	Joe M. 12/9/2022, 1:29 PM

Last Modified By [Joe M.](#) 12/9/2022, 1:29 PM

[Edit](#) [Delete](#) [Clone](#)

Reasons From Getting Pap
[New Reasons From Getting Pap](#) [Reasons From Getting Pap Help ?](#)

Action	C_R
Edit Del	A-0007

[Reasons From Getting Hep Bs \[1\]](#)

Liver Cancer Intake Form Detail
[Edit](#) [Delete](#) [Clone](#)

Liver_IntakeID	A-0005
Client_ID	A-0006
Date	2/14/2010
Recieve a Hep Screening	4
Practice a Healthy Behavior	5 - Likely
Encourage Family	Yes
Spread the Word	5 - Likely
Comments/Questions	"How often should I get checked?"
Created By	Joe M. 12/9/2022, 1:35 PM

Last Modified By [Joe M.](#) 12/9/2022, 3:06 PM

[Edit](#) [Delete](#) [Clone](#)

Reasons From Getting Hep Bs
[New Reasons From Getting Hep B](#) [Reasons From Getting Hep Bs Help ?](#)

Action	L_R	Liver Reasons
Edit Del	A-0008	A-0003

Covid-19 Vaccine Detail

Edit Delete Clone

Vaccine Intake ID	A-0001
Client ID	A-0006
First Shot	Yes
Second Shot	Yes
Type of Shot	Pfizer
Booster Shot	Yes
Created By	Joe M. 12/9/2022, 1:37 PM

Last Modified By Joe M. 12/9/2022, 1:37 PM

Edit Delete Clone

If a user wished to create a new form they could simply select “New “.....” Form” as shown below:

Breast Cancer Intake Forms								New Breast Cancer Intake Form	Breast Cancer Intake Forms Help
Action	Breast_IntakeID	Date	Perform a Breast Self-Exam	Practice a Healthy Behavior	Receive a Mammogram	Schedule an Appointment	Spread the Word	Comments/Questions	
Edit Del	A-0005	11/8/2022	3 - Neutral	5 - Likely	5 - Likely	5 - Likely	3 - Neutral	"How often should I get checked?"	

Cervical Cancer Intake Forms								New Cervical Cancer Intake Form	Cervical Cancer Intake Forms Help
Action	Cervical_IntakeID	Date	Practice Healthy Behaviors	Receive a Pap/Pelvic Exam	Encourage Family	Spread the Word	Comments/Questions		
Edit Del	A-0005	10/7/2022	5 - Likely	5 - Likely	Yes	5 - Likely	"Is constant strain a factor?"		

Liver Cancer Forms								New Liver Cancer Intake Form	Liver Cancer Forms Help
Action	Liver_IntakeID	Date	Recieve a Hep Screening	Practice a Healthy Behavior	Encourage Family	Spread the Word	Comments/Questions		
Edit Del	A-0005	2/14/2010	4	5 - Likely	Yes	5 - Likely	"How often should I get checked?"		

Covid-19 Vaccines								New Covid-19 Vaccine	Covid-19 Vaccines Help
Action	Vaccine Intake ID	Date	Type of Shot	First Shot	Second Shot	Booster Shot	Comments/Questions		
Edit Del	A-0001		Pfizer	Yes	Yes	Yes			

The user would then be presented with a new screen that allows them to input data based on the form they select:

Breast Cancer Intake Form Edit

Save Save & New Cancel

Information ! = Required Information

Client_ID

Date

Perform a Breast Self-Exam

Practice a Healthy Behavior

Receive a Mammogram

Schedule an Appointment

Spread the Word

Comments/Questions

Save Save & New Cancel

Next the user is able to select their reason for either getting or not getting the relevant procedure or check up with preset options:

Reasons From Getting Hep B Edit Save Save & New Cancel

Information I = Required Information

Liver IntakeID

Liver Reasons

Save Save & New Cancel

VII. c Test History

The user also has the ability to view their test history and any results they have received from their tests as well.

Test Histroys New Test History Test Histroys Help ?

Action	Record_ID	Record ID	Notes	Result	Type
Edit Del	A-0003	a01Dn000006Ei6J	Results came back negative	Normal	Mammogram
Edit Del	A-0004	a01Dn000006GKEN		Normal	Hep B
Edit Del	A-0005	a01Dn000006GKES	Results came back abnormal may need further tests	Abnormal	Pap

If a user wishes to create a new test history form they can do so by selecting “New Test History” on the top of the screen and input data based on the following screen:

Test History Edit Save Save & New Cancel

Information I = Required Information

Client_ID

Date

Result

Type

Notes

Save Save & New Cancel

VII. d Grant ID Forms:

If a user wants to access and create a new Grant form they are able to do so by first selecting the Grant tab and then selecting “new” on the top of the page:

Grants Home Help for this Page ?

View: All Go! Edit | Create New View

Recent Grants Recently Viewed

New!

Grant_ID
PC
WW
WI
K

This is the result if a user hits new:

Grant Edit Save Save & New Cancel

Information ! = Required Information

Grant_ID	<input type="text"/>	Owner	Joe M
Description	<input type="text"/>		

Save Save & New Cancel

Finished Result:

Grant Detail Edit Delete Clone Sharing

Grant_ID	WW	Owner	Joe M <a>(Change)
Description	Well Women		
Created By	Joe M, 12/6/2022, 5:11 PM	Last Modified By	Joe M, 12/6/2022, 9:01 PM

Edit Delete Clone Sharing

Clients New Client Clients Help ?

Action	Client_ID	FirstName	MiddleInitial	LastName	DateofBirth
<a>Edit <a>Del	A-0000	John	J	Smith	1/11/1996
<a>Edit <a>Del	A-0005	Samantha	J	Flores	12/8/1992
<a>Edit <a>Del	A-0007	Ingrid	E	Svenson	5/10/1980

VII. e Workshop Entry Form:

Another option for users is to also access the workshop information and create a new workshop for my selecting "new":

Home Clients Grants **Workshops** CHWs Reports Dashboards +

Workshops Home Help for this Page ?

View: All Go! Edit | Create New View

Recent Workshops Recently Viewed

New!

Workshop_ID
2004
2002
2003
2001

Here is a new form:

Workshop Edit Save Save & New Cancel Help for this Page

Information ! = Required Information

Workshop_ID Owner Joe M

CHW_ID

Date

Location

Description

Save Save & New Cancel

Example of a completed form with the ability to add a new attendee by selecting “new attendance”

Workshop Detail Edit Delete Clone Sharing

Workshop_ID 2002 Owner Joe M [Change]

CHW_ID AT

Date 11/9/2022

Location Milwaukee

Description Breast Cancer

Created By Joe M 12/6/2022, 6:57 PM Last Modified By Joe M 12/6/2022, 6:57 PM

Edit Delete Clone Sharing

Attendances New Attendance Attendances Help

Action	Client_ID	First Name	Middle Initial	Last Name
Edit Del	A-0000	John	J	Smith
Edit Del	A-0004	Bob	O	Tanaka
Edit Del	A-0005	Samantha	J	Flores

[Back To Top](#) Always show me fewer / more records per related list

VII. f CHWs Forms:

Workshop information can be accessed on the CHW tab and new information can be created using the “new button”:

Home Clients Grants Workshops **CHWs** Reports Dashboards + Help for this Page

Create New...

CHWs Home View: All Go! Edit | Create New View

Recent CHWs New Recently Viewed

CHW_ID
AT
EH
KL
BH

New information screen:

CHW Edit Help for this Page ?

New CHW

CHW Edit Save Save & New Cancel

Information = Required Information

CHW_ID Owner Joe M

Name

Save Save & New Cancel

Completed form:

CHW Detail Edit Delete Clone Sharing

CHW_ID KL Owner [Joe M \[Change\]](#)

Name Liam Johnson

Created By [Joe M](#), 12/6/2022, 5:11 PM Last Modified By [Joe M](#), 12/6/2022, 6:54 PM

Edit Delete Clone Sharing

Workshops New Workshop Workshops Help ?

Action	Workshop_ID	Description	Date
Edit Del	2001	Client Workshop	7/6/2022

[^ Back To Top](#) Always show me fewer ▲ / ▼ more records per related list

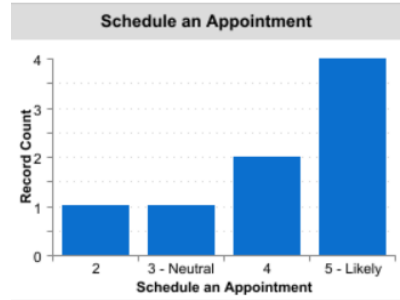
VIII Dashboards:

Recordings of the various answers to survey questions can be accessed on the dashboard.

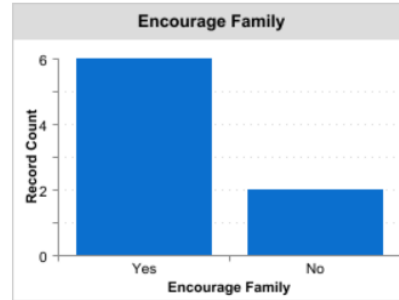
Post Workshop Information

Find a dashboard... [Edit](#) [Clone](#) [Refresh](#) As of Today at 4:14 PM

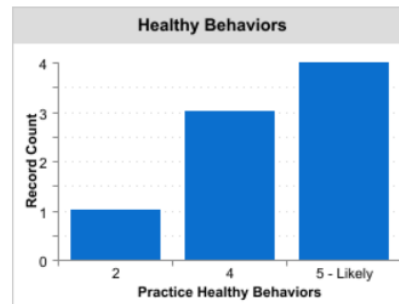
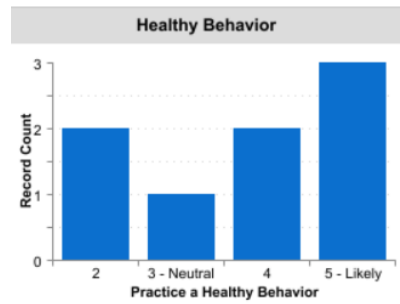
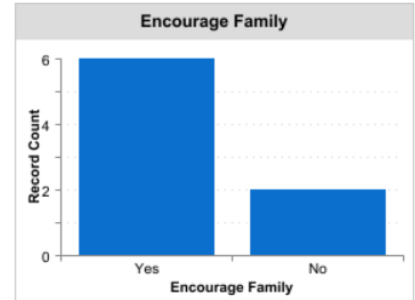
Breast Cancer

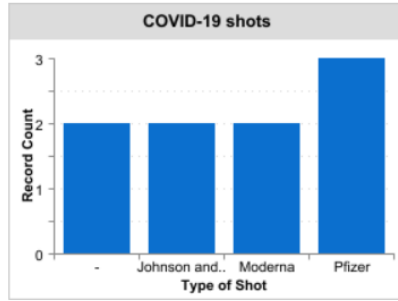
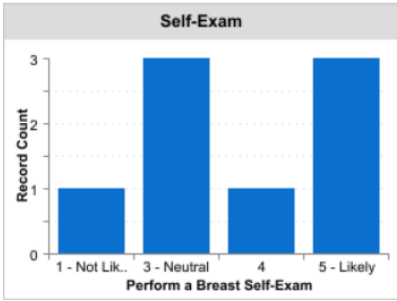
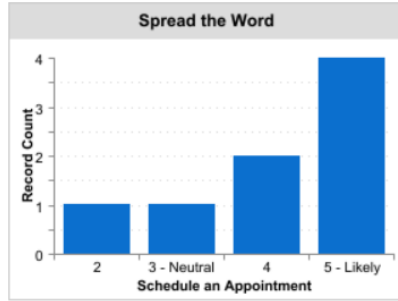
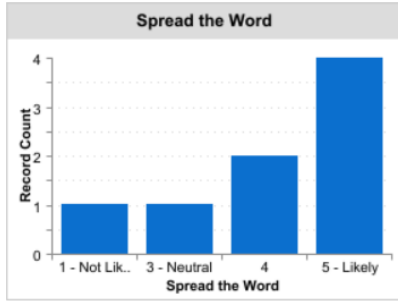
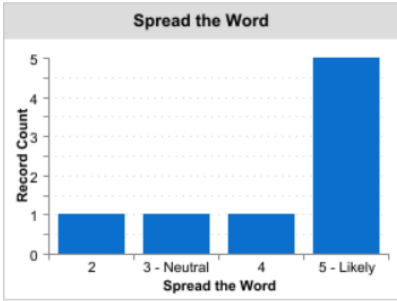
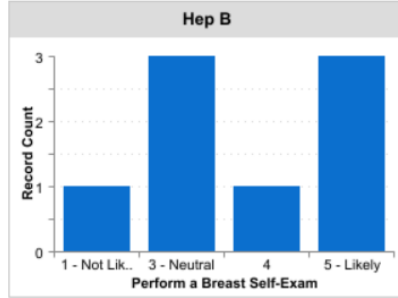
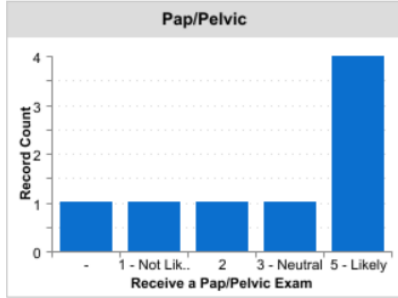
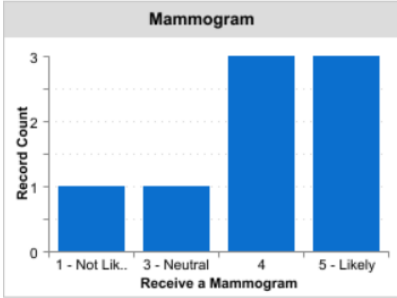


Cervical Cancer



Liver Cancer



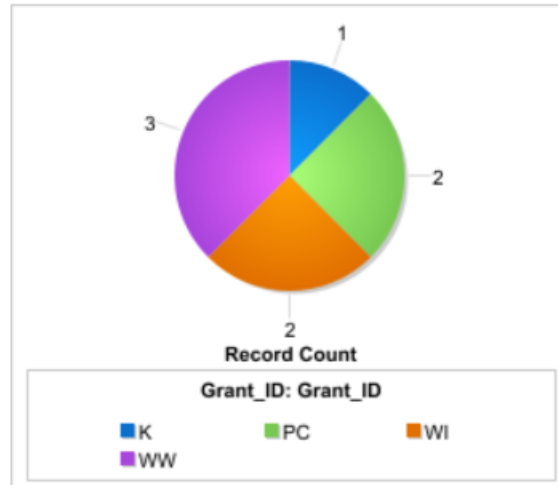
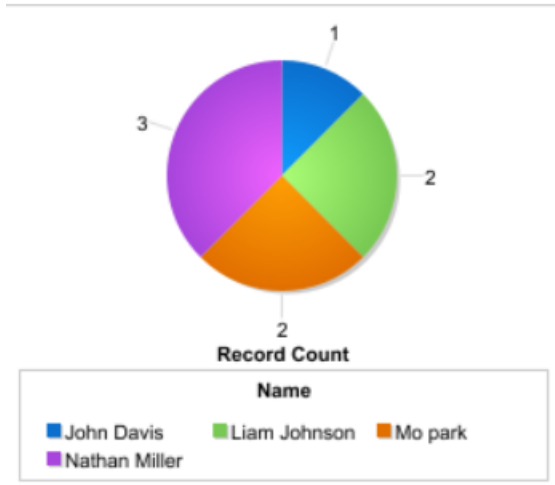


The Client dashboard informs which client is assigned to each CHW and each grant:

Clients

Find a dashboard...

[Edit](#) [Clone](#) [Refresh](#) As of Today at 5:07 PM



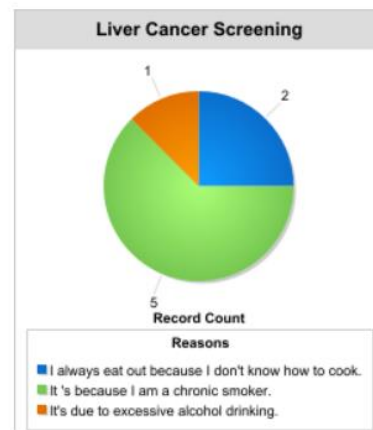
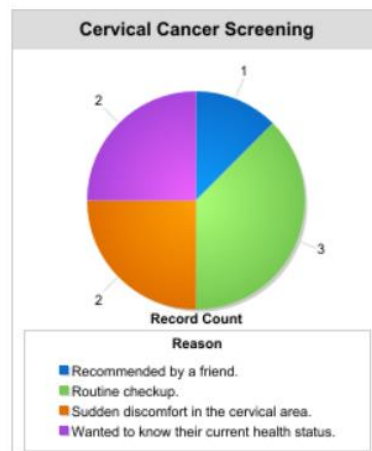
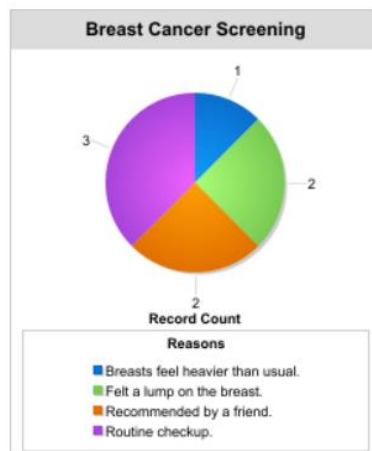
The Reasons pie chart shows the various reasons patients had for coming in for a check up:

[« Go to Dashboard List](#)

Reasons Pie Chart

Find a dashboard...

[Edit](#) [Clone](#) [Refresh](#) As of Today at 3:59 PM

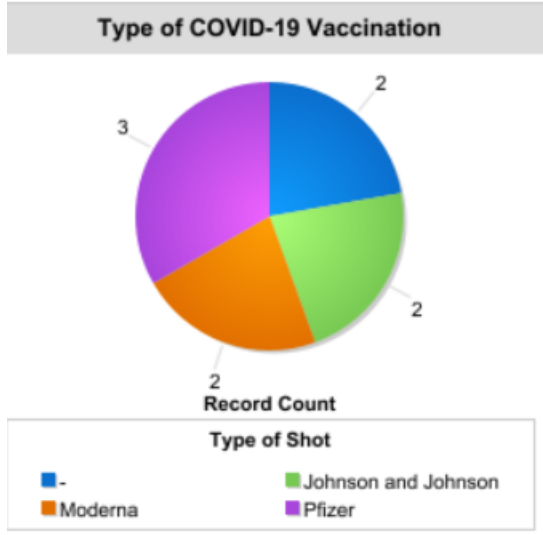


The Covid Vaccination dashboard informs medical professionals how many total shots have been given to their patients including lack of shots and which manufacture each shot was produced by:

COVID-19 Vaccination

Find a dashboard...

[Edit](#) [Clone](#) [Refresh](#) As of Today at 4:09 PM



IX Reports:

A. Assigned CHW:

Grouped By: **Name**
 Sorted By: **Name** ↑ ▼

Client_ID	FirstName	LastName
<input type="checkbox"/> Name: John Davis (1 record)		
A-0003	Gina	Kim
<input type="checkbox"/> Name: Liam Johnson (2 records)		
A-0000	John	Smith
A-0004	Bob	Tanaka
<input type="checkbox"/> Name: Mo park (2 records)		
A-0007	Ingrid	Svenson
A-0001	Darla	James
<input type="checkbox"/> Name: Nathan Miller (3 records)		
A-0002	Declan	Lewis
A-0006	Son	Heung-Min
A-0005	Samantha	Flores
Grand Totals (8 records)		

Check rows to filter, then drill down by: **--None--** ▼ **Drill Down**

This report shows which client is assigned to each CHW

B. Client Information:

Client_ID	FirstName	MiddleInitial	LastName	Gender	Phone	Email	Primary Doctor	Primary Care Location	Insurance	Address	Apt/Unit#	City	State	Zip	Ethnicity
A-0003	Gina	L	Kim	Female	(456) 789-0123	gkim@carroll.com	Janice Furman	Milwaukee	Anthem	5786 Oglevee Lane	002	Milwaukee	WI	53233	Chinese
A-0001	Darla	F	James	Female	(234) 567-8901	djames@usc.com	Mark Roberts	Waukegan	United Health Care	4581 Southern View Lane	043	Waukegan	IL	60031	Scottish
A-0000	John	J	Smith	Male	1234567890	jsmith@wisconsin.com	James White	Milwaukee	Aetna	3702 Killbourne Ave	0423	Milwaukee	WI	53233	British
A-0002	Declan	K	Lewis	Male	(345) 678-9012	dlewis@oregon.com	Janice Furman	Glenview	Aetna	67018 Lake Front Drive	101	Glenview	IL	60025	Irish
A-0006	Son	-	Heung-Min	Male	(333) 212-6098	shm@tottenham.org	Erik Nordson	Milwaukee	Anthem	320 South Main Street	40	Milwaukee	WI	53233	South Korean
A-0007	Ingrid	E	Svenson	Female	(442) 540-1260	ingrid23@gmail.com	Amy Gronk	Chicago	United Health Care	3902 Lakeshore Drive	10	Chicago	IL	44003	Swedish
A-0004	Bob	O	Tanaka	Male	(440) 245-6590	erik@gmail.com	Erik Nordson	Milwaukee	Anthem	145 West Intro Street	21	Milwaukee	WI	53233	Japanese
A-0005	Samantha	J	Flores	Female	(254) 903-3333	sflores23@yahoo.com	Erik Nordson	Chicago	Anthem	32 King Lane	203	Chicago	IL	33456	Cuban
Grand Totals (8 records)															

This report shows all the information each client has provided.

C. Grant Receipt:

	Client_ID	FirstName	LastName
<input type="checkbox"/>	Grant_ID: <u>K</u> (1 record)		
	Description: Komen (1 record)		
	<u>A-0001</u>	Darla	James
<input type="checkbox"/>	Grant_ID: <u>PC</u> (2 records)		
	Description: PreventCancer (2 records)		
	<u>A-0002</u>	Declan	Lewis
	<u>A-0004</u>	Bob	Tanaka
<input type="checkbox"/>	Grant_ID: <u>WI</u> (2 records)		
	Description: Wellness International (2 records)		
	<u>A-0003</u>	Gina	Kim
	<u>A-0006</u>	Son	Heung-Min
<input type="checkbox"/>	Grant_ID: <u>WW</u> (3 records)		
	Description: Well Women (3 records)		
	<u>A-0000</u>	John	Smith
	<u>A-0007</u>	Ingrid	Svenson
	<u>A-0005</u>	Samantha	Flores
Grand Totals (8 records)			

This report shows the receipts of each grant and the clients in each grant.

D. Breast Cancer Screening:

			Reasons				Grand Total
Client_ID: Client_ID	Breast_IntakeID		Breasts feel heavier than usual.	Felt a lump on the breast.	Recommended by a friend.	Routine checkup.	
<input type="checkbox"/> A-0000	A-0000	Record Count	0	0	0	1	1
	Subtotal	Record Count	0	0	0	1	1
<input type="checkbox"/> A-0001	A-0001	Record Count	0	0	0	1	1
	Subtotal	Record Count	0	0	0	1	1
<input type="checkbox"/> A-0002	A-0002	Record Count	0	0	1	0	1
	Subtotal	Record Count	0	0	1	0	1
<input type="checkbox"/> A-0003	A-0003	Record Count	0	1	0	0	1
	Subtotal	Record Count	0	1	0	0	1
<input type="checkbox"/> A-0004	A-0006	Record Count	0	0	1	0	1
	Subtotal	Record Count	0	0	1	0	1
<input type="checkbox"/> A-0005	A-0007	Record Count	0	1	0	0	1
	Subtotal	Record Count	0	1	0	0	1
<input type="checkbox"/> A-0006	A-0005	Record Count	0	0	0	1	1
	Subtotal	Record Count	0	0	0	1	1
<input type="checkbox"/> A-0007	A-0004	Record Count	1	0	0	0	1
	Subtotal	Record Count	1	0	0	0	1
Grand Total		Record Count	1	2	2	3	8

This crosstab report shows all the reasons why patients came to receive a breast cancer screening. It is sorted by client ID then Breast Intake ID

E. Cervical Screening

			Reason				Grand Total
Client_ID: Client_ID	Cervical_IntakeID		Recommended by a friend.	Routine checkup.	Sudden discomfort in the cervical area.	Wanted to know their current health status.	
<input type="checkbox"/> A-0000	A_0000	Record Count	0	0	1	0	1
	Subtotal	Record Count	0	0	1	0	1
<input type="checkbox"/> A-0001	A_0001	Record Count	0	0	1	0	1
	Subtotal	Record Count	0	0	1	0	1
<input type="checkbox"/> A-0002	A_0002	Record Count	0	1	0	0	1
	Subtotal	Record Count	0	1	0	0	1
<input type="checkbox"/> A-0003	A_0003	Record Count	0	0	0	1	1
	Subtotal	Record Count	0	0	0	1	1
<input type="checkbox"/> A-0004	A_0006	Record Count	1	0	0	0	1
	Subtotal	Record Count	1	0	0	0	1
<input type="checkbox"/> A-0005	A_0007	Record Count	0	1	0	0	1
	Subtotal	Record Count	0	1	0	0	1
<input type="checkbox"/> A-0006	A_0005	Record Count	0	1	0	0	1
	Subtotal	Record Count	0	1	0	0	1
<input type="checkbox"/> A-0007	A_0004	Record Count	0	0	0	1	1
	Subtotal	Record Count	0	0	0	1	1
Grand Total		Record Count	1	3	2	2	8

This crosstab report shows all the reasons why patients came to receive a cervical screening. It is sorted by client ID then Cervical Intake ID

F. Liver Screening

Client_ID: Client_ID	Liver_IntakeID	Record Count	Reasons			Grand Total
			I always eat out because I don't know how to cook.	It's because I am a chronic smoker.	It's due to excessive alcohol drinking.	
<input type="checkbox"/> A-0000	A-0000	Record Count	0	1	0	1
	Subtotal	Record Count	0	1	0	1
<input type="checkbox"/> A-0001	A-0008	Record Count	0	1	0	1
	Subtotal	Record Count	0	1	0	1
<input type="checkbox"/> A-0002	A-0002	Record Count	0	1	0	1
	Subtotal	Record Count	0	1	0	1
<input type="checkbox"/> A-0003	A-0003	Record Count	1	0	0	1
	Subtotal	Record Count	1	0	0	1
<input type="checkbox"/> A-0004	A-0006	Record Count	0	1	0	1
	Subtotal	Record Count	0	1	0	1
<input type="checkbox"/> A-0005	A-0009	Record Count	0	1	0	1
	Subtotal	Record Count	0	1	0	1
<input type="checkbox"/> A-0006	A-0005	Record Count	1	0	0	1
	Subtotal	Record Count	1	0	0	1
<input type="checkbox"/> A-0007	A-0004	Record Count	0	0	1	1
	Subtotal	Record Count	0	0	1	1
	Grand Total	Record Count	2	5	1	8

This crosstab report shows all the reasons why patients came to receive a Liver screening. It is sorted by client ID then Liver Intake ID

G. Test History Report

Client_ID	FirstName	LastName	Record_ID	Type	Result	Date
<input type="checkbox"/> Client_ID: <u>A-0000</u> (1 record)						
	John	Smith	<u>A-0000</u>	Mammogram	Normal	2/3/2022
<input type="checkbox"/> Client_ID: <u>A-0001</u> (1 record)						
	Darla	James	<u>A-0001</u>	Hep B	Abnormal	5/9/2022
<input type="checkbox"/> Client_ID: <u>A-0002</u> (1 record)						
	Declan	Lewis	<u>A-0002</u>	Mammogram	Normal	1/12/2022
<input type="checkbox"/> Client_ID: <u>A-0003</u> (3 records)						
	Gina	Kim	<u>A-0005</u>	Pap	Abnormal	12/9/2022
	Gina	Kim	<u>A-0004</u>	Hep B	Normal	12/9/2022
	Gina	Kim	<u>A-0003</u>	Mammogram	Normal	9/18/2022

This report shows each client and their test history data.

H. Workshop Attendance

	Client_ID: Client_ID	First Name	Middle Initial	Last Name
<input type="checkbox"/>	Workshop_ID: <u>2001</u> (2 records)			
	<u>A-0001</u>	Darla	F	James
	<u>A-0007</u>	Ingrid	E	Svenson
<input type="checkbox"/>	Workshop_ID: <u>2002</u> (3 records)			
	<u>A-0000</u>	John	J	Smith
	<u>A-0004</u>	Bob	O	Tanaka
	<u>A-0005</u>	Samantha	J	Flores
<input type="checkbox"/>	Workshop_ID: <u>2003</u> (1 record)			
	<u>A-0002</u>	Declan	K	Lewis
<input type="checkbox"/>	Workshop_ID: <u>2004</u> (2 records)			
	<u>A-0003</u>	Gina	L	Kim
	<u>A-0006</u>	Son	-	Heung-Min
Grand Totals (8 records)				

This report shows the attendance of each workshop

I. Workshop

Workshop_ID	Description	Date
<u>2003</u>	Cervical Cancer	11/18/2022
<u>2002</u>	Breast Cancer	11/9/2022
<u>2004</u>	Liver Cancer	11/2/2022
<u>2001</u>	Client Workship	7/6/2022
Grand Totals (4 records)		

This report shows the ID of each workshop along with their descriptions and dates.

J. Covid Vaccine Report:

	Covid-19 Vaccine ID	Vaccine Intake ID	First Shot	Second Shot	Booster Shot
<input type="checkbox"/>	Client_ID: <u>A-0000</u> (1 record)				
	a0CDn000000QgVI	<u>No</u>	No	No	No
<input type="checkbox"/>	Client_ID: <u>A-0001</u> (1 record)				
	a0CDn000000QgVq	<u>Yes</u>	Yes	Yes	Yes
<input type="checkbox"/>	Client_ID: <u>A-0002</u> (1 record)				
	a0CDn000000QgVv	<u>Yes</u>	Yes	Yes	No
<input type="checkbox"/>	Client_ID: <u>A-0003</u> (1 record)				
	a0CDn000000QgW0	<u>Yes</u>	Yes	No	Yes
<input type="checkbox"/>	Client_ID: <u>A-0004</u> (2 records)				
	a0CDn000000Qwpg	<u>A-0003</u>	No	No	No
	a0CDn000000Qwpb	<u>A-0002</u>	Yes	Yes	Yes
<input type="checkbox"/>	Client_ID: <u>A-0005</u> (1 record)				
	a0CDn000000Qwpl	<u>A-0004</u>	Yes	Yes	No
<input type="checkbox"/>	Client_ID: <u>A-0006</u> (1 record)				
	a0CDn000000QwpW	<u>A-0001</u>	Yes	Yes	Yes
<input type="checkbox"/>	Client_ID: <u>A-0007</u> (1 record)				
	a0CDn000000QukL	<u>A-0000</u>	Yes	Yes	Yes
Grand Totals (9 records)					

This final report shows the vaccination status of every client including the amount of shots they have received along with their unique vaccination record ID's as well.

X. Final Thoughts

Jeswin George: This class has definitely taught me a lot about just how important database is and how difficult it can be to apply the learned concepts to actual problems. The salesforce project really brought together a lot of the concepts we had been learning since the beginning of class. While the salesforce project was at times frustrating, it also helped me to apply everything I had practiced and learned both in class but also during the Salesforce project

as well. The systems I used and learned during this semester I know will help me in other classes but also my career.

George Jose: When I heard in the first week of class that the final project would include Salesforce I did not really know what to expect. Having had some prior knowledge to the basics of Salesforce as in what it was used for I was a little intimidated. However, now that the project is done I feel more confident about Salesforce and other systems in general. There were times that I hit a roadblock during the project like when I was trying to build reports, but once I sat back and thought out the issue I was able to get a solution which also was the right solution. So in conclusion the project not only taught me how to work and use Salesforce but it also taught me how to work through difficult issues even when the clock is ticking and the deadlines are quickly approaching.

Bogdan Taran: This class has heavily influenced and helped my understanding of the core principals discussed throughout the course work. Microsoft Access, Salesforce, SQL, and Tableau have all been beneficial platforms that I know feel comfortable using and I certainly attribute it to having taken this class. While the work was challenging and often daunting, especially this final project, it has shown me the power and capability of these tools, and also gave me an idea on how I can utilize these platforms in the future to benefit me and my employer. Nothing good ever comes easy, and that is a great description for how I feel about the work done in this course. It has been extremely rewarding to see my efforts pay off and be fruitful, bringing about results that were pleasant to see. The group project also shone light on

some of the aspects of Salesforce that I need to study up on and become more well rounded in, and has contributed positively to my understanding of what Salesforce is and its true capability.

Joe Marsicano: Having taken a few IS classes now at my time at Marquette, I sort of expected to be challenged but this class is one of the more difficult classes I have taken so far. While it was challenging I have learned an immense amount of knowledge that I know will be applicable to me in the future and my career in IS. I thought that each segment of the class was informative and useful from the early days of learning to build a database schema to the final Salesforce project, each part has taught me so much. While I did learn some SQL and Tableau in the Intro class, being able to dive further in and even learn new systems like Access I think are very beneficial. In terms of the final project, the culmination of everything we learned was evident from the first couple of minutes of work when I began to dissect and try to understand what the schema was laying out for me and my team. I also thought that being able to work with a team was another great aspect and reflects real world projects I personally have already worked with during my internship where collaboration and team work was paramount to accomplishing certain projects and tasks. I look forward to finishing the rest of my IS classes and learning even more about the various systems that I will probably have to work with in the information systems and technology field.

Randy Staszak: This class showed me how many ways there are to approach data and the building of the infrastructures that support various database systems like Salesforce. Without tools like schemas and other data modeling tools, it would not be possible to sort and understand the vast amounts of data that can be collected and analyzed. Learning systems like Access and Salesforce showed this point. The final Salesforce project was a great way to finish off the semester and all I had learned in this class. I'm looking forward to pursuing a career that uses data to influence decision-making making. The group project was an interesting way to see how this class ties everything together, beginning with database modeling and ending with Salesforce. I had taken the intro class by a part-time professor in the evening, and we did not cover much database modeling at all. I like the organizational structure of the class and SQL is fun to use.

