**AutoCertification Trigger on the TimeCard Object**

**TrainingTimeCards** trigger (**After an update only**) on the **SFDC\_Service\_Timecard** object

Creates a list of all the Training timecard **contacts** being updated

Passes that list to **CreateCertificationClass.CreateCertification()**

The **CreateCertificationClass** builds a map of all the contacts associated with the timecards being updated and their current Certs issued (this is different because it has **Certifications\_Issued\_\_c)**

Then a map of all the timecards for each contact is created

It then loops through the list of Contacts first passed by the trigger

While looping through each contact it does the following:

Builds a temp list of the time cards only associated with that contact

Then it loops through that list of classes and compiles a score

The compiled score then tells the program whether or not and which type of certification the contact should be issued.

Before it issues a certification it checks to make sure that contact doesn’t already have the Cert. via the Contact field, **Certifications\_Issued\_\_c**

If they do not, it creates the certification and set the **Set\_By\_Trigger\_\_c**

On the Certification to true

It then adds the new certification to a list of certifications to be created

It clears out the variable used inside the loop and goes to the next contact.

Once the loop is completed, it inserts all the new Certifications Completed

It also updates all the contact records associated with the trigger

There is then a workflow that fires after the creation of a new Certification, **Notify of New Certification**

This workflow checks to make sure that **Set\_By\_Trigger\_\_c** is **true**

If it is true it sends an email out to a training person, currently Jennifer M. using the **Auto Cert Notify** template