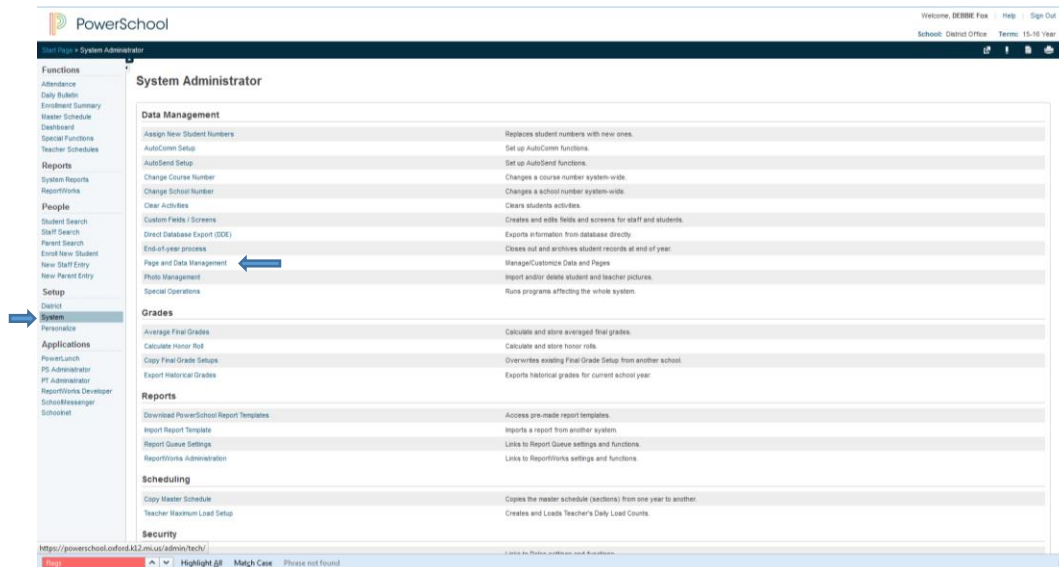# Creating Custom Alerts in PowerSchool
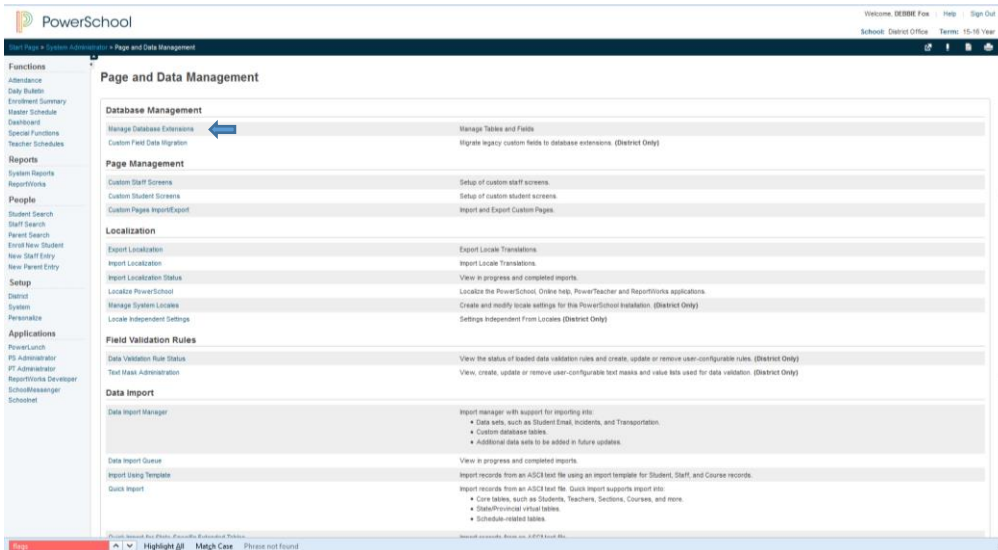## Debbie Fox

Decide what Alerts that you want/need. Decide what you want them called. Decide what you want them to say.

Create a custom field for your Alert message. **Setup**
System

Page and Data Management

Manage Database Extensions

Basic Extensions

Next

Add

Name and type

Add Field

Name	
Type	String
Length	40
Default Value	
Migrate Data From	
Description	

Apply   Cancel

Enter in the Name, Type, Length (more than you think you may need) Description   **Apply**.

Field	Description
Name	Enter the field name as it will appear in PowerSchool.
Type	Select the filed data type from the pop-up menu. **String :** Fixed-length character string. **Integer :** A number that can be written without a fractional or decimal component. **Date :** A date value. **Double :** A number with up to 15 place values to the left of the decimal and up to 10 decimal places to the right. **Boolean :** Data has two values (1=true and 0=false). **CLOB :** (Character Large Object) data stored in a separate location referenced by the table. **BLOB :** (Binary Large Object) collection of binary data stored as a single entity.
Length	Enter the maximum length of data that can be entered in the field.
Default Value	Enter the default value for the field.
Migrate Data From	Choose a legacy custom field in order to migrate data from the selected field to your database extension field. The default Type is set to String and the default Length is set to 4000 automatically. This option is unavailable if there are no existing legacy custom fields.
Description	Enter a brief description of the field.

You can add to an existing Custom Student Screen or create a new one. – **Setup**, **System**, **Page and Data Management**, **Custom Student Screens**.

For new screen – select **New**, name the screen, **Submit**

Go back to the **Custom Student Screens** page and select **Edit fields**.

You can add fields.

Edit Custom Student Screen Field: ESL & Student Services Alerts

Option	Value
Label	ESL Alert
Field Name (Fields)	Alert_ESL
Sort Order	1
Input Type	Entry box
Width (applies only to 'entry field' and 'entry box' types)	40 (width in characters)
Height (applies only to 'entry box' type)	3 (height in lines)
Data for Popup or Radio Buttons (press return after each entry)	

Delete   Submit

You have different choices for this page, including the Popup or Radio Buttons. **Submit**

Find or create an image for your Alert. The image can be a gif, jpg, png, etc.
In PowerSchool Admin, go to **Setup**, **System**. Under **Data Management**, select **Page and Data Management.**
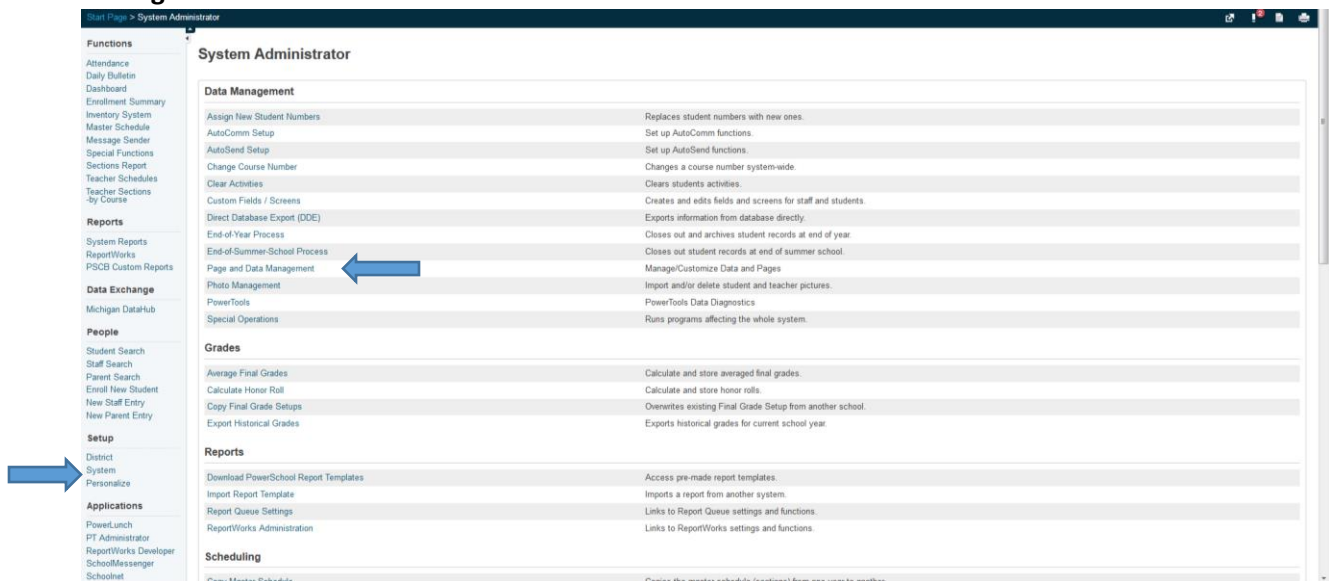
Under **Page Management**, select **Custom Page Management**
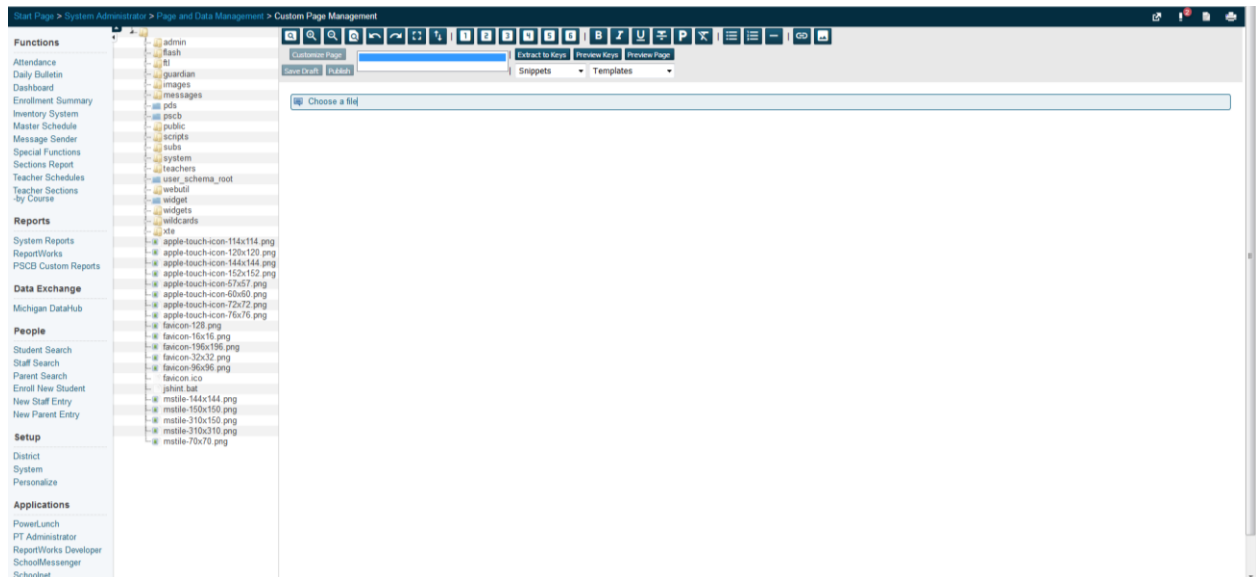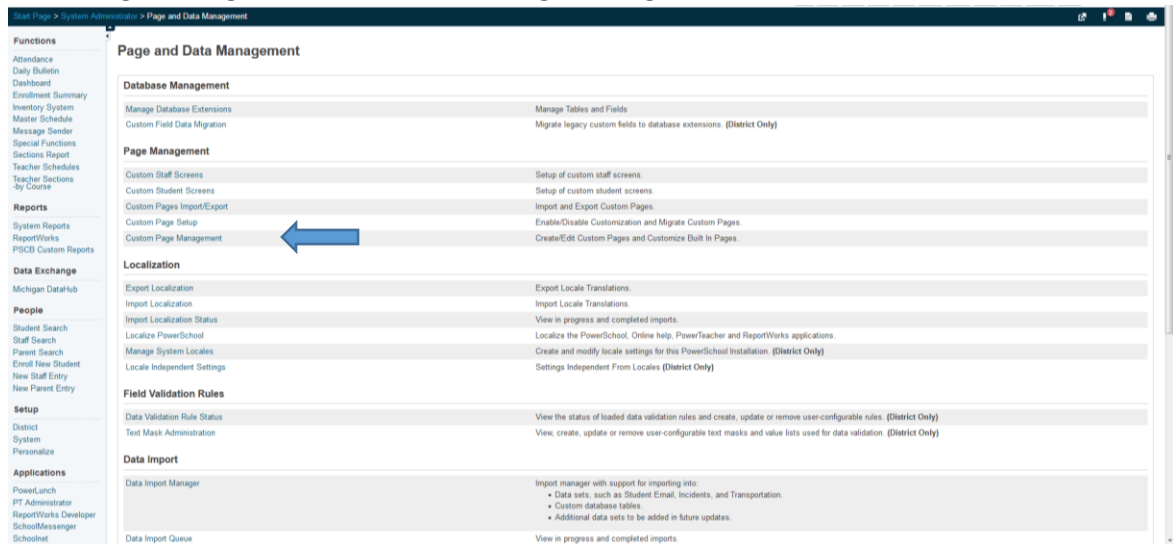
This is the Custom Page Management screen. The folders open to other folders or files.
This is where you will place your image for your alert.
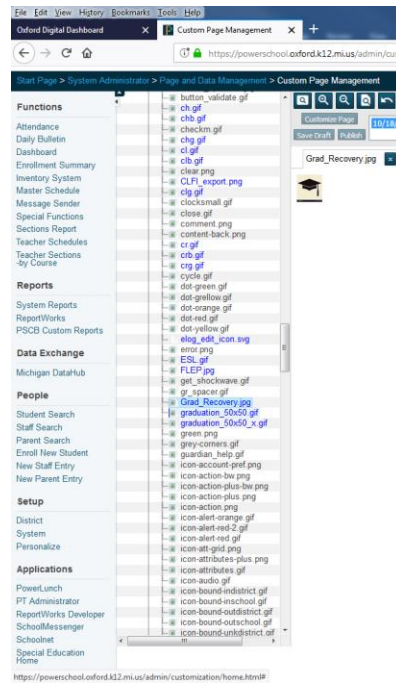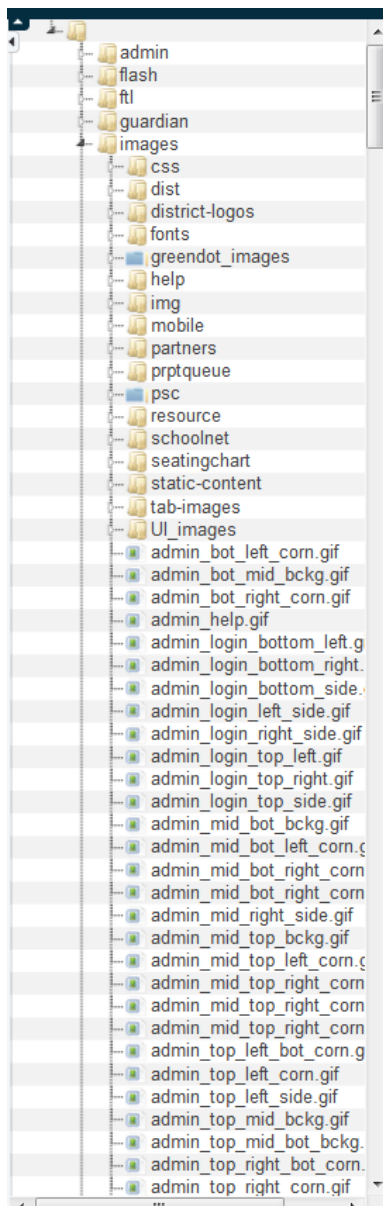
This is sample of an image that we created for our Grad Recovery program.

Find the UI_images folder and right click on it. **
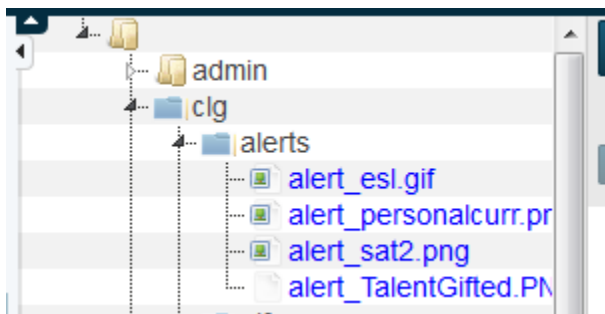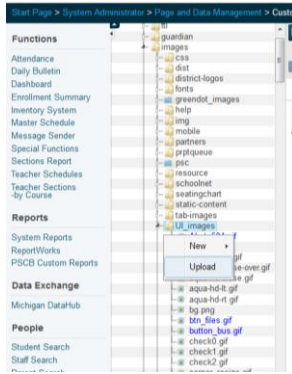
Select Upload.

Browse for the image you want and **Submit**

The image will be placed in that folder, in alpha order.
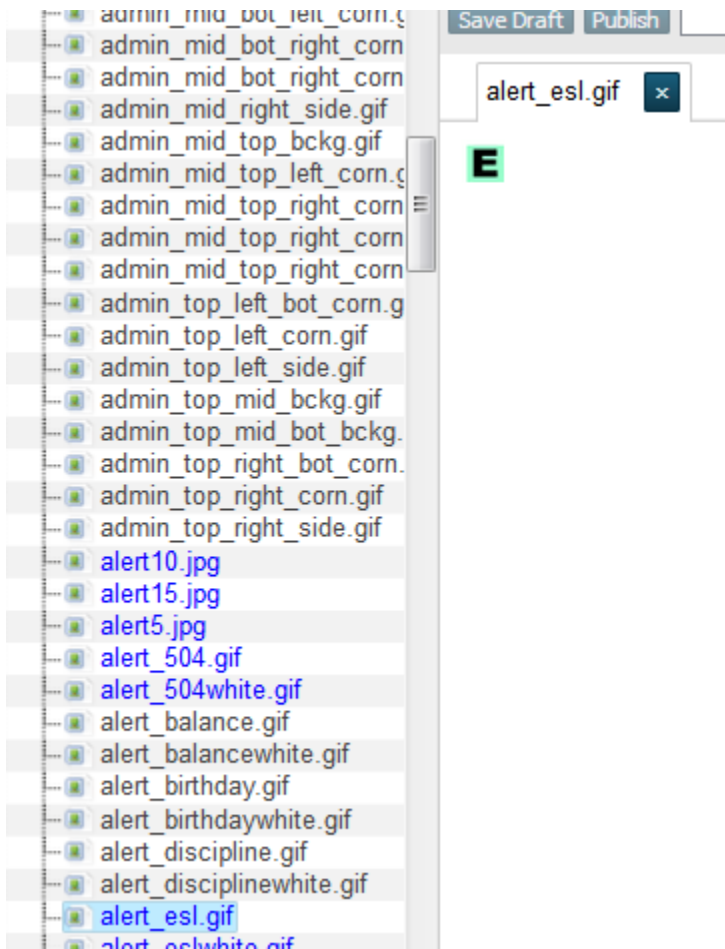
If you use the UI_images, make sure you change the path to reflect the UI_image path.

~[if.~([Students.U_Students_Extension]Alert_OSEC)#""]<img src="/images/UI_images/Alert_OSEC.gif" width="34px" height="28px"> [/if]
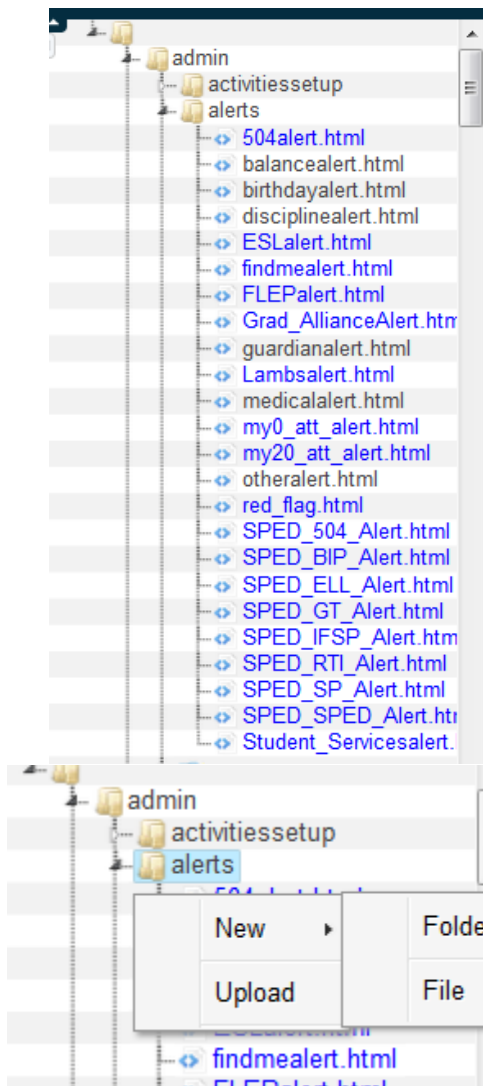
Now we need to place our Alert.
In the **Custom Page Management**, find the **Alerts** folder under **Admin**. (Yes we have a lot of Alerts) Open an excisting alert and copy the text.
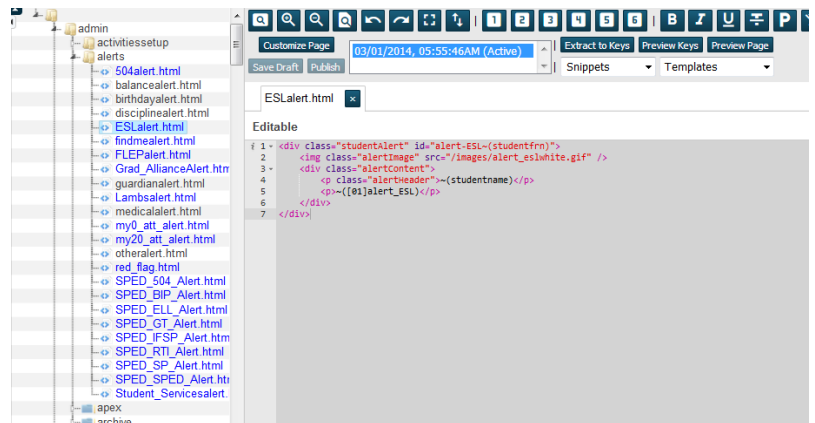
Once you copied the script, go to the **Alerts** folder, right mouse click the **Alerts** folder, **New, File.**
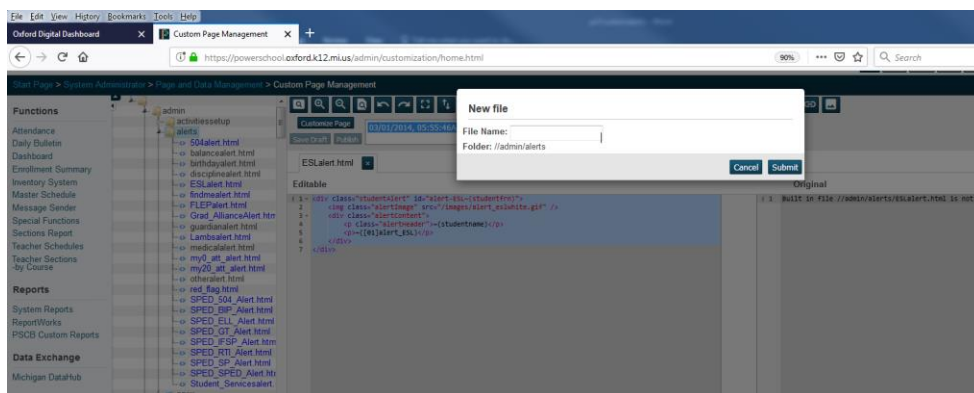
Name the file using the same naming convention as the image you created. (example - ESL_Alert.html)
Submit.

Find the file you just created in the **Alerts** folder and paste in the text that you copied. Go in and change the text to reflect your Alert and image file.

Sample -

```
<div class="studentAlert" id="alert-ESL~(studentfrn)">

        <img class="alertImage" src="/images/alert_eslwhite.gif" />

        <div class="alertContent">

                <p class="alertHeader">~(studentname)</p>

                <p>~([01]alert_ESL)</p>

        </div>

</div>
```

Next, have to setup the **Wildcard**

In Oxford, we have a file setup so we can add alerts to the file.

title_student_end_css.oxford_custom_alerts.student.alert.txt

(I separated the alerts below so it is easier to follow. The real file is not separated.)

~[if.~([01]Alert_ESL)#""]<img src="/images/alert_esl.gif">[/if]

~[if.~([01]Alert_Student_Services)#""]<img src="/images/alert_services.gif">[/if]

~[if.~([01]Alert_504)#""]<img src="/images/alert_504.gif">[/if]

~[if.~([01]U_Students_Extension.FLEP_Alert)#""]<img src="/images/FLEP.jpg">[/if]

~[if.~([Students.U_Students_Extension]Grad_Alliance)#""]<img src="/images/Grad_Recovery.jpg" width="26px" height="26px">[/if]

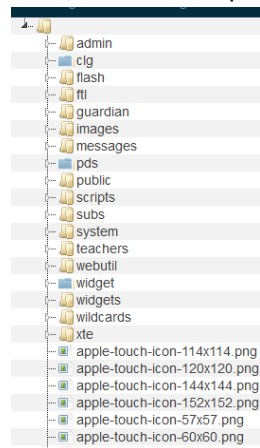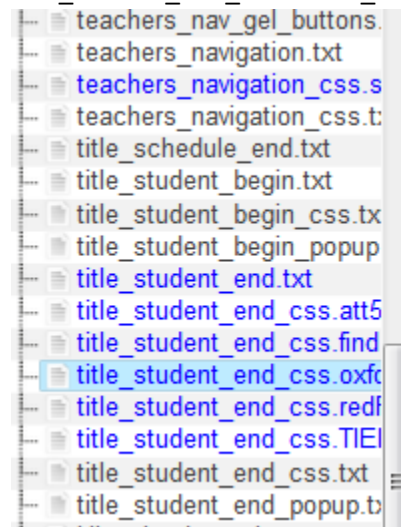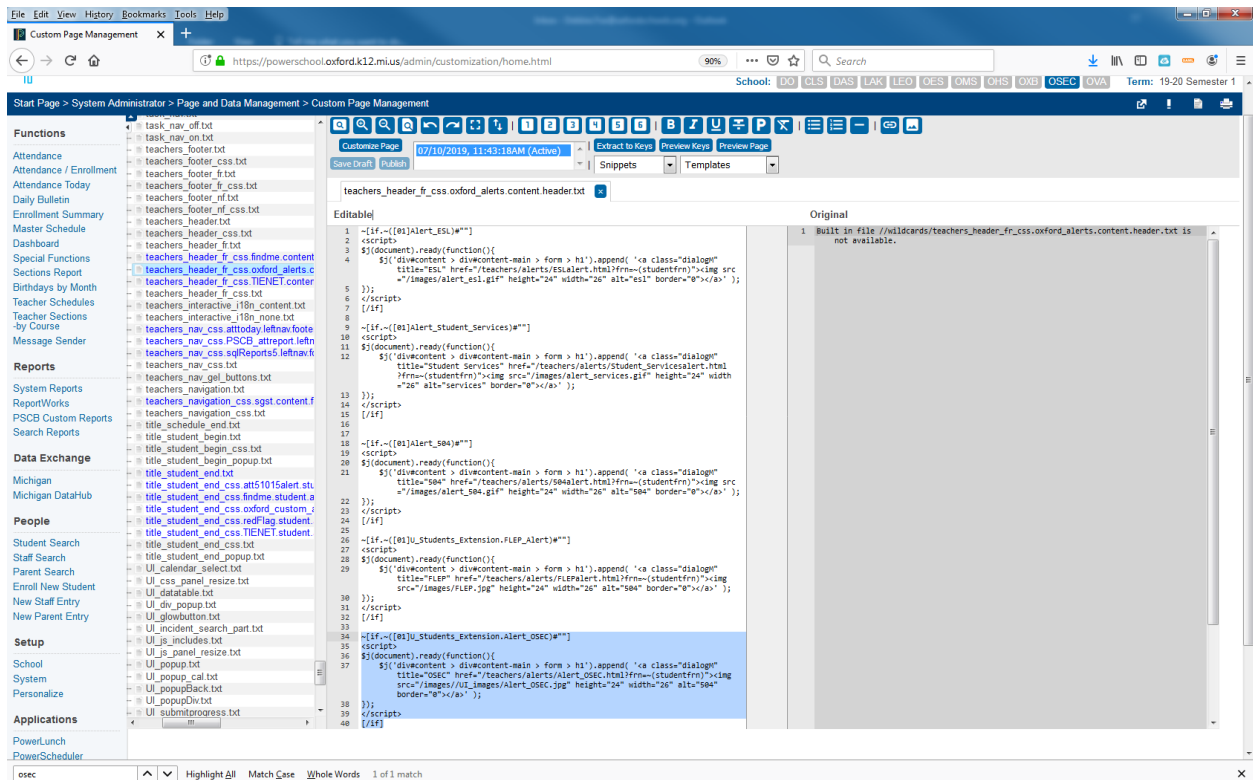~[if.~([Students.U_Students_Extension]Alert_OSEC)#""]<img src="/images/UI_images/Alert_OSEC.gif" width="34px" height="28px"> [/if]

Select a student, go to the Custom Page that you created in the first step and mark the custom field.

When the field is marked, the Alert will appear on all the student pages.

Remember that you can do a search for all the students with alert – alert_esl # will give me all the students that have an ESL alert.

To get the Alert on the teacher's page - Wildcards

~[if.~([01]Alert_OSEC)#""]

<script>

$j(document).ready(function(){

   $j('div#content > div#content-main > form > h1').append('<img src="/images//UI_images/Alert_OSEC.jpg" height="24" width="26" alt="504" border="0">');

});

</script>

[/if]