ICS2O1 Final CPT – Church Website Design

Well, the semester is almost over. It is now our time to use our newfound computer science skills to give back to the community. For this Culminating Performance Task, we will be creating prototype websites for Churches in the GTA who have not yet joined us on the Internet. Here are your tasks.

Select a Church

1. Google "Archdiocese of Toronto"
2. Click on "Parishes → Alphabetical List" and download the "mass times" pdf
3. Find a parish in that document that does not have a website. Select this parish if it interests you.

Create one HTML webpage that contains the following content

1. A Title
2. One welcome paragraph that greets visitors to the Church's new website and says a little about the history of the Church and/or about whom the Church is named after
3. A picture of the church, or a picture of whom the Church is named after (namesake)
4. Mass times in a table format
5. One Flash animation about the Saint/Namesake or a Parable from the Bible
6. Links to the following (in a list)
    a. Google map to the Church
    b. Link to the Vatican
    c. Link to the Archdiocese of Toronto
    d. Link to the Office of Catholic Youth (OCY)
7. One Text Area and Button that will be used for a special "Surprise Prayer"

Create a CSS that modifies the presentation of the webpage in the following ways

1. Make the title stand out
2. Modify the text so that it is appealing
3. Modify the table and/or list so that it is also more appealing
4. Add colour to text and backgrounds, possibly matching any major colours in the pictures
5. Modify the button and the text area.

Create some Javascript code that

1. Runs the "Surprise Prayer"
    a. Find "An Old Irish Blessing" on the web
    b. Pop up (prompt) a window that asks the user for their name
    c. Store that name in a variable
    d. Use that variable in the prayer… Output the modified prayer into the Text Area.
       Put their name in front of every "May"
       For Example: "Cadawas, May the road rise up to meet you…"

Create a One Scene Flash animation that

1. Tells a short story of the Saint/Namesake. Or a story/passage from the Bible. No more than 30 Seconds
2. Uses Frame by frame animation
3. Uses Tweening
4. Uses Layers
5. No buttons. No scenes. No Actionscript

Computer Science CPT – Church Website Evaluation

Your website will be evaluated based on this rubric. Please read carefully so that you may obtain the level you deserve

Criteria	Level 1	Level 2	Level 3	Level 4	Mark And Note
HTML	Webpage has one of the required HTML elements	Webpage has a couple of the required HTML elements	Webpage has most of the required HTML elements	Webpage has all of the required HTML elements	
CSS	Webpage has one of the CSS modifications	Webpage has a couple of the CSS modifications	Webpage has most of the CSS modifications	Webpage has all of the CSS modifications	
Javascript	Javascript meets one of the programming requirements	Javascript meets a couple the programming requirements	Javascript meets most of the programming requirements	Javascript meets the programming requirements	
Flash	Animation has one of the required flash techniques	Animation has a couple of the required flash techniques	Animation has most of the required flash techniques	Animation has all of the required flash techniques	
Overall Presentation	Webpage has content	Webpage has some of the required content	Webpage is well organized, has most of the required content,	Webpage is clear, well organized, has all of the required content, and is very presentable	