**Date Created: March 24, 2019  
  
Purpose:** To make the UTSC Library navigation efficient, detailed and accessible.

**Tools Used:**

* HTML, CSS, Java Script for Webpage Development
* Adobe Illustrator for Graphics Development (Map for 1st and 2nd Floor)

**Plugin: Mapify (**<http://etiennemartin.ca/mapify/>) – Creates responsive and stylable Maps using Jquery, SVG and CSS3

This plug-in was helpful in creating pop-ups over the map, rest of the code is independently implemented.

**Webpage Elements:**

1. **Images - Maps:** Images are created via Adobe Illustrator. They are exported to SVG and then used in the code. SVG is a vector graphic format.

* Document Info: This will generate the dimensions of the SVG image in Illustrator, which are being used in the HTML code. Dimensions of the image can be adjusted by adjusting the Artboard before importing the image to SVG.
* Image Format Guidelines:
  + **1st Floor**:
  + Name: 1stFloor\_March 23.svg
  + Color Mode: RGB color
  + Ruler Units: pixels
  + Artboard Dimensions: 812.78 px x 880.92 px
  + Text Font: Devanagari Sangam MN (Bold)
  + **2nd Floor:**
  + Name: 2nd Floor March 23.svg
  + Color Mode: RGB color
  + Ruler Units: pixels
  + Artboard Dimensions: 940.12 px x 572.17 px
  + Text Font: Devanagari Sangam MN (Bold)

1. **Popups:** Coordinates for Popups are selected from Adobe Illustrator.

* Steps to create/edit pop-ups

Import the image from Adobe Illustrator in to SVG format 🡪 Save the image in the same folder where the original code is saved 🡪 Open the SVG image in Adobe Illustrator 🡪 Go to File 🡪 Document setup, then convert the image to pixels which will then when display coordinates when the cursor is pointed at a certain location.

To view coordinates in Illustrator: View 🡪 Smart Guides

These coordinates are used in the code with the attribute rect. Pick the leftmost coordinate on top (x,y) and rightmost coordinate at the bottom(x,y).

Example: <area title="Reading Room" data-nbmembre="Comfortable seating, with electrical outlets" alt="Reading Room" image="Reading Room.jpg" href="#" shape="rect" coords="359.68,381.77,395.88,432.95" />