Live Feeds and Heat Maps User Interface Team

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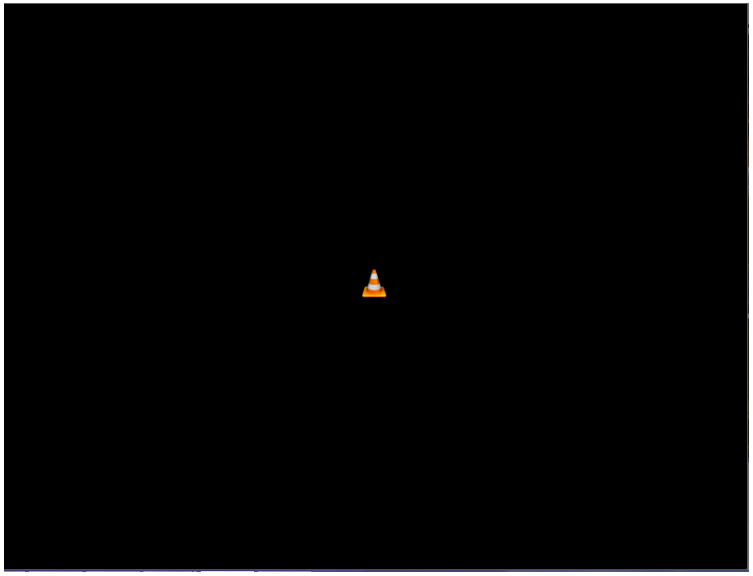
Live Camera Feed



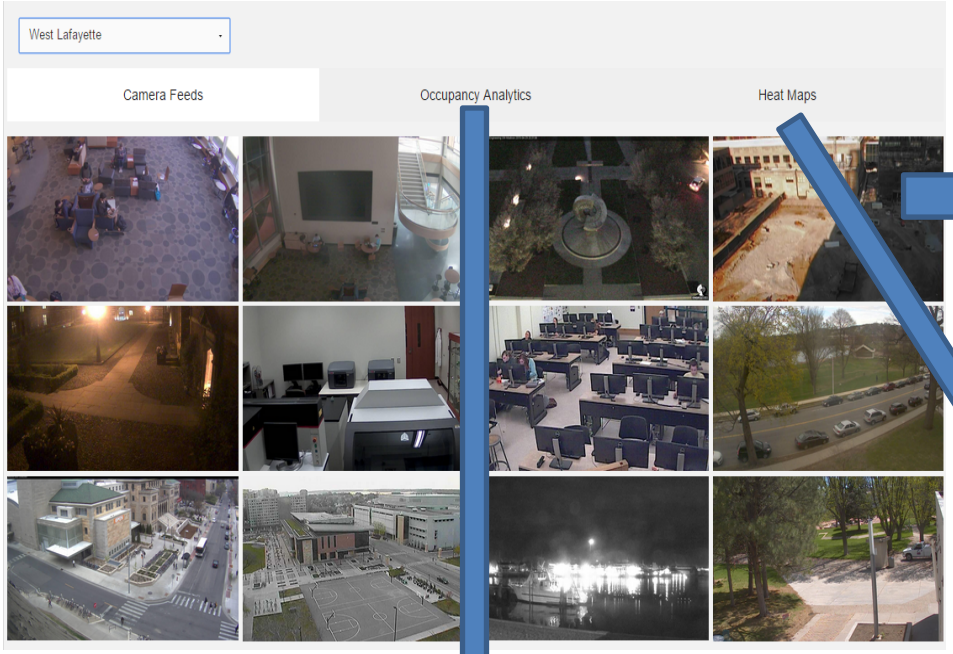
What are the problems?

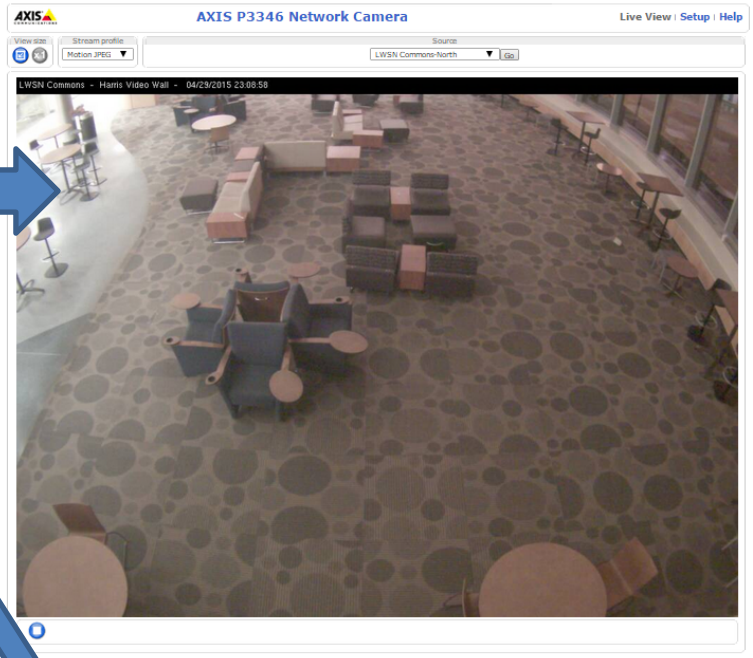
There are numerous video players out there. How does any organization decide which is best for them? Which one should we pick?

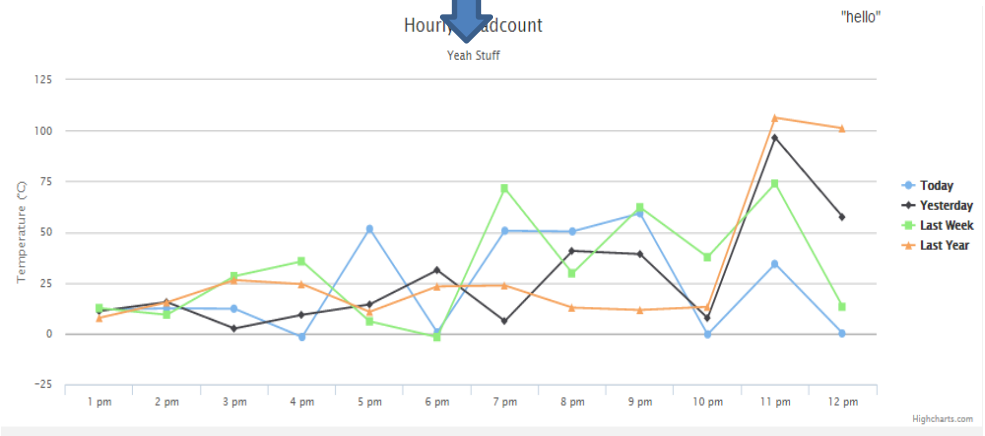
Factors to consider:

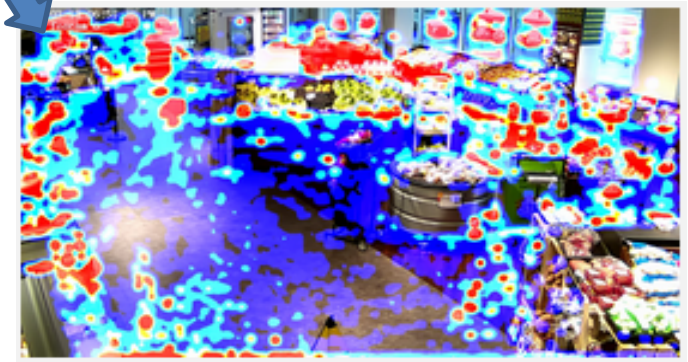
1. Support, does the player support our purposes?
2. Accessibility, is the player readily available online
3. Cost, possible fees for using the player

Why am I’m I doing this?









- Grid
- Block Grid
- Interchange Responsive Content JS
- Utility Classes
- Javascript Utilities
- Right-to-Left Support

NAVIGATION

- Off-canvas JS
- Top Bar JS
- Icon Bar
- Side Nav
- Magellan Sticky Nav JS
- Sub Nav
- Breadcrumbs
- Pagination

Basic

You can create a flex video with minimal markup.

HTML

```
<div class="flex-video">
        <iframe width="420" height="315" src="//w
</div>
```

RENDERED HTML


```
<embed type="application/x-vlc-plugin" name="VLC" autoplay="yes" loop="no" volume="100" width="640" height="480"
target="rtsp://{{{cam_ip}}:554/axis-media/media.amp?videocodec=h264">
```

```
<OBJECT CLASSID="clsid:02BF25D5-8C17-4B23-BC80-D3488ABDDC6B" WIDTH="640" HEIGHT="480" CODEBASE="http://www.apple.
com/qtactivex/qtplugin.cab">
<param name="SRC" value="poster.mov">
<param name="QTSRC" value="rtsp://{{{cam_ip}}:554/axis-media/media.amp?videocodec=h264">
<PARAM name="autoplay" VALUE="true">
<param name="type" value="video/quicktime" height="256" width="320">
<EMBED
  TYPE="video/quicktime"
  SRC="rtsp://{{{cam_ip}}:554/axis-media/media.amp?videocodec=h264"
  WIDTH="640"
  HEIGHT="480"
  AUTOPLAY="true"
  PLUGINSPAGE="http://www.apple.com/quicktime/download/">
</EMBED>
</OBJECT>
```

The Axis camera's RTSP url take the form:

Code:

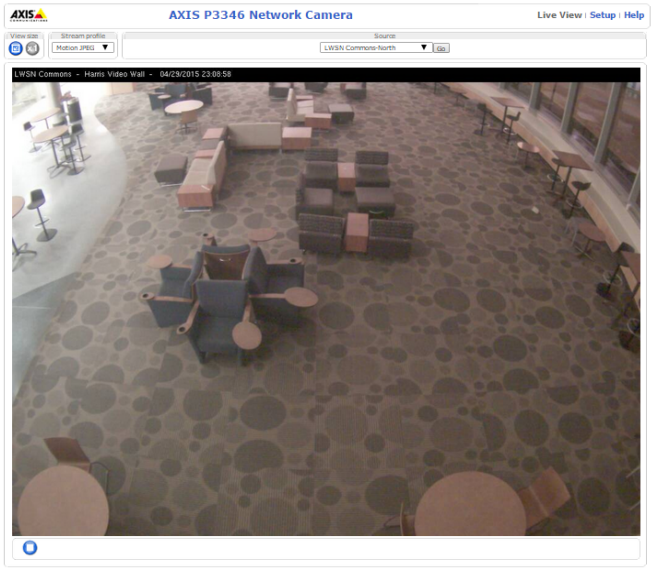
```
rtsp://[camera-ip-address]:554/axis-media/media.amp
```

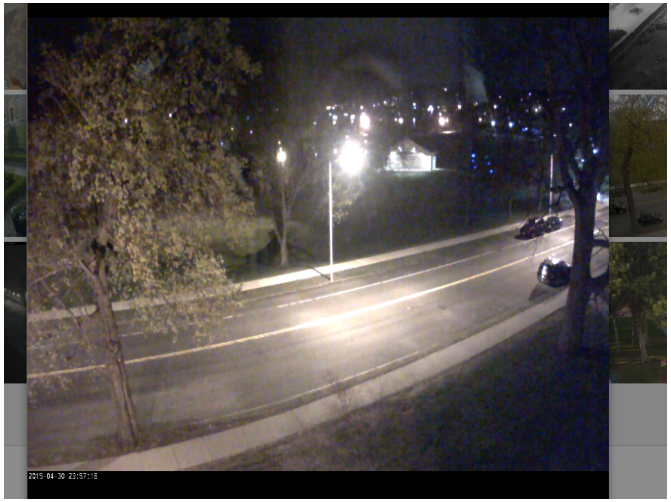
Where [camera-ip-address] is the ip address of the Axis camera.

http://www.wowza.com/forums/content.php?102-Common-IP-Camera-RTSP-URL-forma

What major problems did you encounter?

1. Successfully getting the stream to play seamlessly, without the stream interface





2. Finding the correct stream format, as this isn't like embedding a normal video. Streams must follow correct RTSP formats.
   - http://www.axis.com/files/manuals/um_p1311_40502_en_1009.pdf
   - http://www.wowza.com/forums/content.php?102-Common-IP-Camera-RTSP-URL-formats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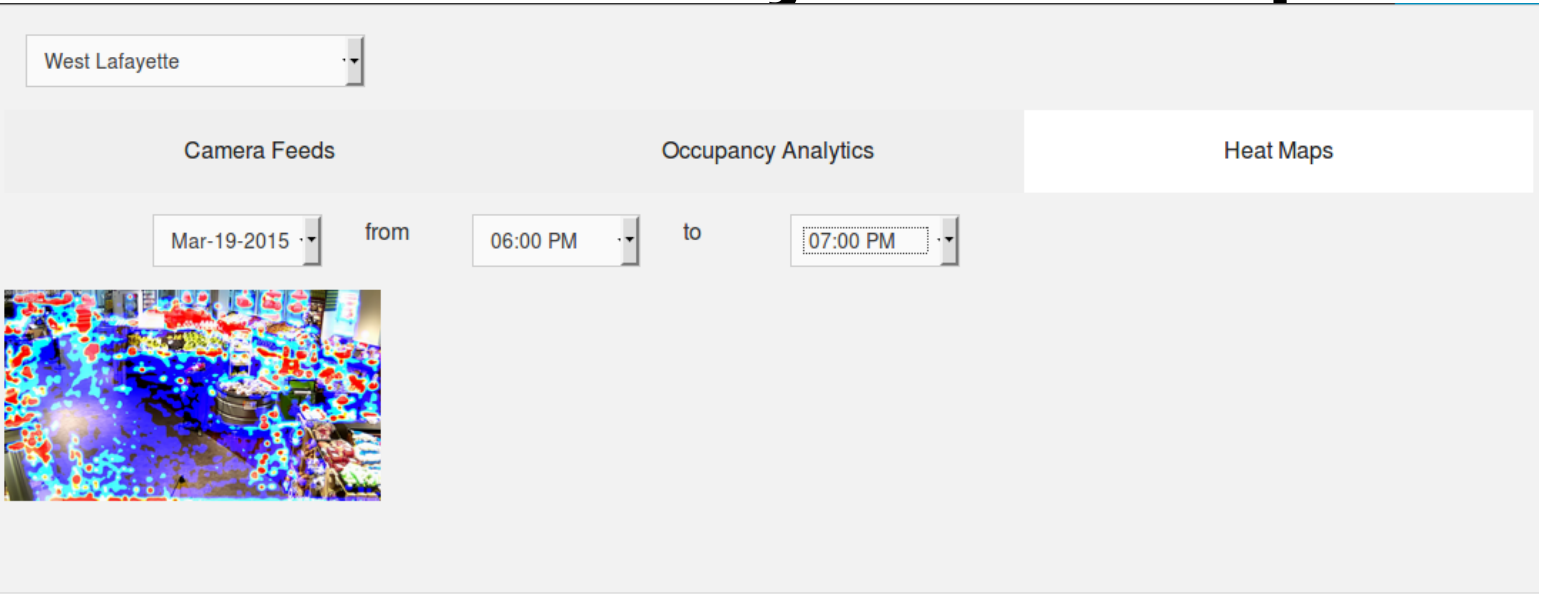
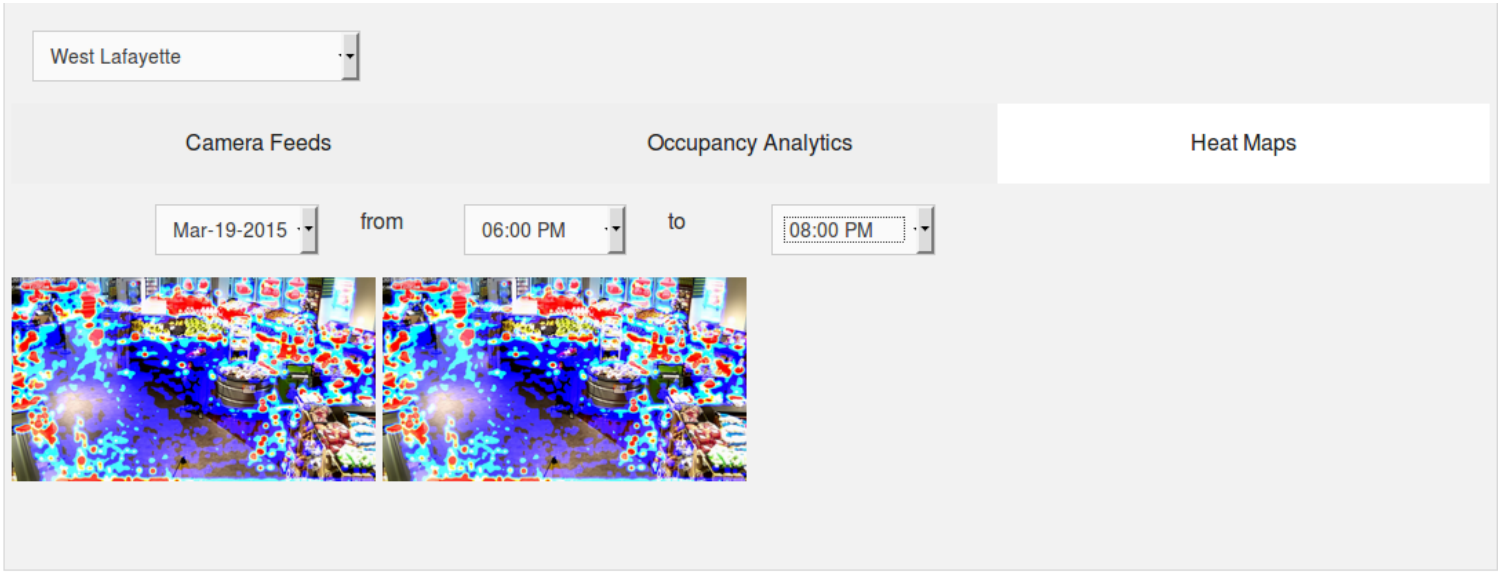
Heat Map Display

City Market

What have you accomplished?

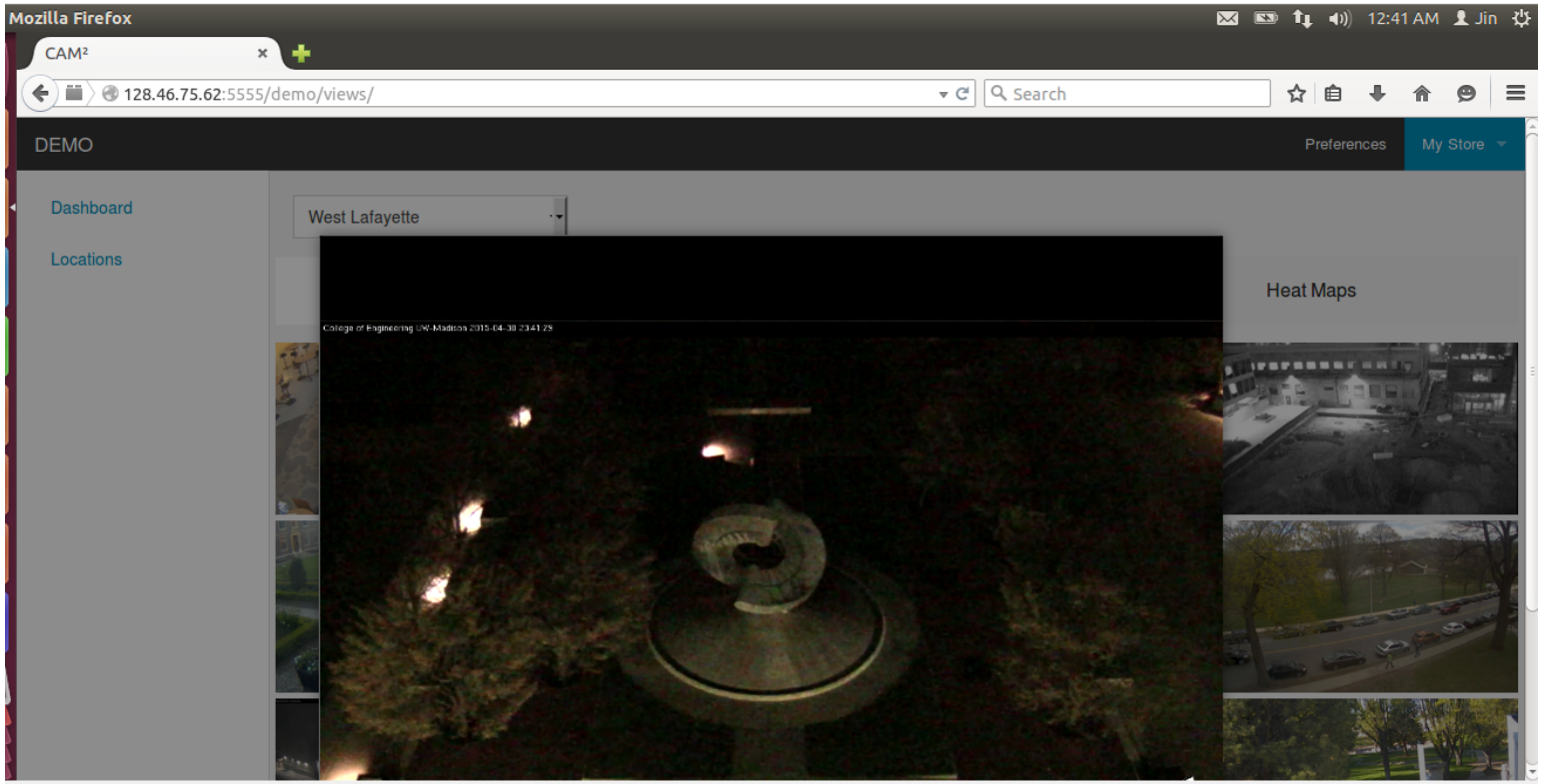


I set up the structure and Kyle fixed all of the bugs such as image not loading



What are the remaining problems?

Integrating the live camera feed into the structure of our entire web app



How do you solve the problems?

```
<!-- MODAL FOR TAB1 - VIEWING LIVE CAMERA STREAM -->
<div id="liveModal" style="background-color:black; padding:0em 0em 0em 0em" class="reveal-modal medium" data-reveal aria-
labelledby="liveModalTitle" aria-hidden="true" role="dialog">
  <!--<a class="close-reveal-modal" aria-label="Close">&#215;</a>-->
  <div>
    <embed id="player" type="application/x-vlc-plugin" name="VLC" autoplay="yes" loop="no" volume="100" width="720" height=
    "520" target="">
  </div>
</div>
```

```
<!--tab 3 heat maps-->
<div class="content" id="panel3">
    <div class="large-10 large-centered columns">
      <div class="row">
        <div class="large-2 medium-3 columns left">
          <label>
            <select id="heatmap-startDate">
              <option value="0">Select a Date</option>
              {% for d in heatMapDates %}
              <option value="{{ d }}">{{ d }}</option>
              {% endfor %}
            </select>
          </label>
        </div>

        <p class="large-1 columns">from</p>

        <div class="large-2 medium-3 columns left">
          <label>
            <select id="heatmap-startTime" disabled>
              <option>Select a start time</option>
            </select>
          </label>
        </div>

        <p class="large-1 columns">to</p>

        <div class="large-2 medium-4 columns left">
          <label>
            <select id="heatmap-endTime" disabled>
              <option>Select a end time</option>
            </select>
          </label>
        </div>
      </div>
      <div>
    </div>
</div>
<div>
```

Kyle took the initiative to start the initial piecing of our parts.

Evidence of my work