**Project Title**

Visualizing eye tracking data on the Web

**Project Description**

The project involves the ability to upload eye tracking data and corresponding video stimuli to the cloud. Here, we will use the Windows Azure cloud platform. The data should then be able to be visualized on different devices. The visualization will be displayed via a web page. The client should determine if the web page is displayed on a mobile device or not and set the display accordingly.

The eye tracker gives us an XML file and a video file. These need to be streamed to the client. We will use the Mirametrix S2 eye tracker for this project.

2 modes of operation

* Live: data is uploaded and viewed on the webpage as the data is being received from the eye tracker
* Non-live: data is already uploaded and is viewed at a later time.

The latencies will be kept track of.

**Links**

* <http://www.windowsazure.com/en-us/>
* <https://www.hadooponazure.com/>
* <http://mirametrix.com/>
* <http://nodejs.org/>