JavaScript and Mobile Development:

As I had the pleasure of meeting and talking to Dennis Ashworth, the Vice President for Information Technology at Athens Technical College, I found out that JavaScript is a big part of Mobile Development. As he told me that JavaScript is starting to veer away from web programming; the code side of mobile development uses JavaScript to program apps from scratch. Mr. Ashworth stated, “that JavaScript it’s mostly used for Androids where as for Apple they use C sharp” (Ashworth).

In case you are wondering why we are veering away from JavaScript in Web development it is so we can reduce HTTP requests. In the article written by Nicholas Zakas, it goes on to explain that sites have hundred of kilobytes of JavaScript and CSS. With both these files, they are ideal files to run a site for better quality. But because there is more room taken up by both JavaScript and CSS, the industry tries to find code languages that will do more for less. But that is another whole discussion itself.

As the article goes on they find that JavaScript is a great language if you want to maximize your space when it comes to photos. What do most phone apps have in them, photos of course. This is just one of the benefits of using JavaScript for mobile development. JavaScript also has its down falls for being used for mobile development. A couple of problems with using JavaScript for mobile development are slow browser speeds and more battery being used. Since JavaScript takes longer to load in mobile browsers because of the code. This action takes more CPU power and in return eats your battery life up. So JavaScript has its ups and down like most languages of code does.

So what exactly does a web developer use of JavaScript. Well as the article written by Junior Tidal states it, “works by using a piece of JavaScript code called a page tag”(American Psychological Assoc.). This page tag saves and retrieves valuable user information in apps. This is just one of the many uses from the JavaScript code for mobile developers and the apps they make.

Overall JavaScript is a tricky code to use for web development now and can be for mobile development as well. Since it reduces size of photos it is more ideal for mobile apps since again these apps are mostly photos. Sometimes JavaScript will cost a business more money and make more problems for some browsers and sometimes operating systems as well. But once the pros and cons are weighed it all comes down to the mobile developers choice or the decision made buy the company requiring the app. As technology progresses and code does as well we may see less and less of JavaScript in everything, but for now it is the best tool or code for the Android smart phone apps.

Bibliography

Ashworth, Dennis. Code in different Fields Emily Van Vlerah. 26 March 2014.

ZAKAS, N. C. (2013). The Evolution of Web Development for Mobile Devices. *Communications Of The ACM*, *56*(4), 42-48. doi:10.1145/2436256.2436269

Tidal, J. (2011). Using Web Metric Software to Drive Mobile Website Development. *Computers In Libraries*, *31*(3), 19-23.