

Assignment : Hardware & Software in Mobile Devices

1. On your class portfolio website, create a new page called “Hardware & Software in Mobile Devices”
2. This new page will contain the following information:
 - List at least five types of hardware that add built-in functionality to mobile devices
 - List at least five types of custom hardware which can be directly connected to mobile phones
 - Define what an SDK is and explain what it is used for.
 - Define what an API is and explain what it is used for. Describe what is usually included in an API and what it is used for.
 - Compare and contrast software features and OS on the iPhone 5 and Samsung Galaxy S4
 - Compare and contrast hardware features on the iPhone 5 and Samsung Galaxy S4
 - Decide whether the iPhone or the Galaxy would be a better choice to buy (assuming price is not an issue). Justify your answer.
3. All information must be visible on your website. You may use information from other websites, but may not link to them.
4. You will be graded only on the information visible on your "Hardware & Software in Mobile Devices" page.
5. All information must be in your own words. Remember what you learned about Copyright laws. If you plagiarize information from other websites or sources you will receive a 0 – no excuses, no exceptions. If you use internet images, make sure you site your sources.

Suggested Websites:

- http://en.wikipedia.org/wiki/Application_programming_interface
- <http://www.phonearena.com/phones>
- <http://www.xcubelabs.com/hardware-integration.php>
- http://en.wikipedia.org/wiki/IPhone_5
- http://en.wikipedia.org/wiki/Samsung_Galaxy_S4
- http://en.wikipedia.org/wiki/Software_development
- http://en.wikipedia.org/wiki/Software_development_kit

Note: All links are on the assignment page of our class website.