Career Services Assignment 9 – API Flash Cards

**Points possible:** 50

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| Category | Criteria | % of Grade |
| Completeness | All requirements of the assignment are complete. | 100 |

**Instructions:** Research common interview questions online revolving around HTML, CSS, and AJAX and create 20 flash cards from the information you find. Study your flash cards regularly to better prepare for interviews. Fill out the table below with the information you put on each of your flash cards.

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| **Front of Card** | **Back of Card** |
| What are Ajax applications? | Browser based applications and platform independent applications are used by Ajax. |
| How many trigger types are used to update panel? | 2, PostBackTrigger-works as fullpostback cannot work asynchoronously. AsyncPostBackTrigger-partial post back asynchoronously. |
| What are all the controls of Ajax? | ScriptManager, ScriptManagerProxy, UpdatePanel, UpdateProgress, and Timer |
| What are the advantages of Ajax? | Bandwidth utilization, more interactive, faster retrieval of data. |
| What are some disadvantages of Ajax? | It is dependent on JavaScript, security issues because it is human readable, debugging is difficult, increases size of requests. |
| What is an update panel? | It is a server control used to update specific portions of a web page. Script Manager is used whenever the update panel is used. |
| What are all the technologies used by Ajax? | JavaScript, XMLHttpRequest, DOM, Extensible HTML, and CSS. |
| What is JSON? | JSON means JavaScript Object Notation. It is a safe and reliable data interchange format in JS, which is easy to understand for users and machines. |
| What are the 2 components of Ajax architecture? | AJAX client architecture and AJAX server architecture. |
| Where can Ajax not be used? | If the page needs to show in search engine, browser does not support JavaScript, if user wants a secure application. |
| Is Ajax said to be a technology platform or architectural style? | Ajax supports both technology and as a architectural style. |
| How can Ajax applications be debugged? | Using Fiddler for IE or Firebug for Mozilla. |
| How can we cancel the XMLHttpRequest in Ajax? | By using the Abort() method. |
| How many update panel can be used per page? | There is no restriction on amount. |
| How can we handle exception handling in Ajax? | ErrorTemplate which is the child tag of Script Manager is used to handle exceptions. |
| What are the types of ready state in Ajax? | Initialization, request, process, and ready. |
| What are the limitations of Ajax? | It tends to confuse users if network bandwidth is slow and there is no full postback. |
| What are the different data types JSON supports? | String, number, Boolean, array, object, and null. |
| What are the 2 methods used for cross domain Ajax calls? | CORS-it works with http web browsers  JSONP-it works with the http get and on legacy browsers. |
| What does Ajax stand for? | Asynchronous Javascript and XML. |