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Module 2

Assignment 2

My Future Job, I Think?

**Framework** – in software development, a framework is an abstraction in which software providing generic functionality can be selectively changed by additional user-written code, thus providing application-specific software. A software framework provides a standard way to build and deploy applications. (I.e, a backbone for building applications which developers add their own code and functionality on to).

**AngularJS** - is a structural framework for dynamic web apps.

**AJAX** – short for asynchronous JavaScript and XML, this a set of web development techniques used to create asynchronous web applications. (They manage data in the background).

**RESTful web applications** – Representational State Transfer (REST) is an architectural style that specifies constraints, such as the uniform interface, that if applied to a web service induce desirable properties, such as performance, scalability, and modifiability, that enable services to work best on the Web.

**jQuery** – jQuery is a cross-platform JavaScript library designed to simplify the client-side scripting of HTML.

**API**– API stands for application programming interface. In general terms, it is a set of clearly defined methods of communication between various software components.

**J2EE** – Simply stands for Java 2 Platform, Enterprise Edition. Collection of java based development tools for enterprise use.

**Multithreaded Development** – Multithreading as a widespread programming and execution model allows multiple threads to exist within the context of a single process. These threads share the process' resources but are able to execute independently. The threaded programming model provides developers with a useful abstraction of concurrent execution. However, perhaps the most interesting application of the technology is when it is applied to a single process to enable parallel execution on a multiprocessor system.

**SaaS Models –** Software as a Service (SaaS) is a software licensing and delivery model in which software is licensed on a subscription basis and is centrally hosted. Some software companies sell the applications they design in this way. I found this useful to know.

**.Net Framework** – the .Net framework is a framework developed by Microsoft which allows apps to run on Windows systems. Interestingly, this framework is able to interoperate multiple languages to create software that runs on any machine, written in many languages.