1/5/19

**Assignment #2: My Future Job... I Think?**

Git: Git is a free and open source distributed version control system designed to handle everything from small to very large projects with speed and efficiency.

* is this a program?

ASP.NET: ASP.NET is an open source web framework for building modern web apps and services with .NET. ASP.NET creates websites based on HTML5, CSS, and JavaScript that are simple, fast, and can scale to millions of users.

* Software.

jQuery: jQuery is a fast, small and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling, animation, and Ajax much simpler with an easy-to-use API that works across a multitude of browsers. With a combination of versatility and extensibility, jQuery has changed the way that millions of people write JavaScript.

* API: Application program interface. Set of routines, protocols and tools for building software applications. Specifies how software components should interact.

JSON REST API: JSON – JavaScript Object Notation. REST – Representational State Transfer.

* REST is a software architectural style that defines a set of constraints to be used for creating web services. In a RESTful web service, requests made to a resource’s URI will elicit a response with a payload formatted in HTML, XML, JSON or some other format.
* JSON is a lightweight data-interchange format. It is easy for humans to read and write. It is easy for machines to parse and generate. Subset of JavaScript.

SaaS: Software as a Service is a software licensing and delivery model in which software is licensed on a subscription basis and is centrally hosted. It is sometimes referred to as “on-demand software”, and was formerly referred to as “software plus service” by Microsoft.

React.js: A JavaScript library for building user interfaces.

* Backbone.js and Node.js are similar idea
* js: JavaScript

UX Design Skills: User Experience Design. UI Design: User Interface Design.

* UX: the process of enhancing user satisfaction with a product by improving the usablility, accessibility and pleasure provided in the interaction with the product.
* UI: represents the cosmetics of the body: its presentation, senses and reactions.

Content Management Systems: manages the creation and modification of digital content. It typically supports multiple users in a collaborative environment. CMS features vary widely. Most CMSs include Web-based publishing, format management, history editing and version control, indexing, search and retrieval.

PL/SQL: procedural language designed specifically to embrace SQL statements within its syntax. PL/SQL program units are compiled by the Oracle Database server and stored inside the database. And at run-time, both PL/SQL and SQL run within the same server process, bringing optimal efficiency.

* SQL: Structured Query Language. Domain-specific language used in programming and designed for managing date held in a relational datebase management system. (RDBMS), or for stream processing in a relational date stream management system. (RDSMS)
* Oracle Database: brand – cloud type data server?

Middleware: computer software that provides services to software appliacations beyond those available from the operating system. Can be described as “software glue”.