## Assignment #2:

Web developer technologies and description:

1. **SDLC :** The systems development life cycle (SDLC), also referred to as the application development life-cycle, is a term used in systems engineering, information systems and software engineering to describe a process for planning, creating, testing, and deploying an information system. The systems development lifecycle concept applies to a range of hardware and software configurations, as a system can be composed of hardware only, software only, or a combination of both.
2. **ASP.NET:** ASP.NET is an open-source server-side web application framework designed for web development to produce dynamic web pages. It was developed by Microsoft to allow programmers to build dynamic web sites, web applications and web services.
3. **Web Forms:** ASP.NET Web Forms is a part of the ASP.NET web application framework and is included with Visual Studio. It is one of the four programming models you can use to create ASP.NET web applications, the others are ASP.NET MVC, ASP.NET Web Pages, and ASP.NET Single Page Applications.
4. **ASP MVC:** The Model-View-Controller (MVC) architectural pattern separates an application into three main components: the model, the view, and the controller. The ASP.NET MVC framework provides an alternative to the ASP.NET Web Forms pattern for creating Web applications.
5. **Angular:** AngularJS is a structural framework for dynamic web apps. With AngularJS, designers can use HTML as the template language and it allows for the extension of HTML's syntax to convey the application's components effortlessly. Angular makes much of the code you would otherwise have to write completely redundant.
6. **Aurelia:** Aurelia is the latest JavaScript single application framework. Recently the Aurelia team release a tool called Aurelia-CLI. This is a command line tool that will help with bundling and scaffolding.
7. **React:** A JavaScript library for building user interfaces. React makes it painless to create interactive UIs. Design simple views for each state in your application and React will efficiently update and render just the right components when your data changes.
8. **jQuery:** jQuery is a cross-platform JavaScript library designed to simplify the client-side scripting of HTML. It is free, open-source software using the permissive MIT License
9. **VueJs:** The Progressive JavaScript Framework”. It takes inspiration from all prior art in the view library and frontend framework world, including AngularJS, React, Angular, Ember, Knockout and Polymer. In Vue (and Angular/AngularJS), a directive is a way to wrap functionality that usually applies to DOM elements. The example in Vue’s documentation is a focus directive.
10. **PHP:** PHP is a general-purpose scripting language that is especially suited to server-side web development, in which case PHP generally runs on a web server. Any PHP code in a requested file is executed by the PHP runtime, usually to create dynamic web page content or dynamic images used on websites or elsewhere.