Assignment #2

1. NodeJS – Javascript runtime built on Chrome’s V8 Javascript engine. NodeJS uses event-driven, non-blocking I/O model that makes it lightweight and efficient. The Node.js package ecosystem, npm, is the largest ecosystem of open source libraries in the world. Designed to build scalable network applications.
2. PHP – open source general-purpose scripting language that is especially suited for web development and can be embedded into HMTL. PHP is executed on the server, generating HMTL which is then sent to the client. The client would receive the results of running that script, but would not know what the underlying code was.
3. AngularJS- Javascript based open source front-end application framework mainly maintained by Google and by a community of individuals and corporations to address many challenges encountered in developing single-page applications. It works by first reading the HTML page, which has embedded into it additional custom tag attributes. Angular interprets those attributes as directives to bind input or output parts of the page to a model that is represented by standard Javascript variables.
4. Drupal – a free and open source content management framework written in PHP, provide a back-end framework for at least 2.2% of all web sites worldwide. Systems also use Drupal for knowledge management and for business collaboration.
5. Liquid- open source template language created by Shopify and written in Ruby. It is the backbone of Shopify themes and is used to load dynamic content on storefronts. In production since 2006 and is now used by many other hosted web applications.
6. Maven(Apache Maven)- is a build automation tool used primarily in Java projects. Maven addresses two aspects of building software: first, it describes how software is built, and second, it describes its dependencies.
7. RDBMS- Basis for SQL, and for all modern database systems like MS SQL Server, IBM, DB2, Oracle, MySQL, and Microsoft Access. Database management system based on relational model.
8. JSX- is a precursor step that adds XML syntax to Javascript. JSX makes React more elegant. Just like XML, JSX tags have tags names, attributes and children.
9. SOAP web services (Simple Object Access Protocol) – is a protocol for exchanging structured information in the implementation of web services in a computer network. It purposes is to induce extensibility, neutrality and independence.
10. Websockets- is a computer communication protocol, providing full duplex communication channels over a single TCP connection. Websocket is designed to be implemented in web browsers and web servers, but it can be used by any client or server application.