**Module 2**

**-Metadata**- Data that gives information about other data. Ie: card from card catalogue in library. Three types of metadata, **descriptive**- describes a resource in order to find or identify it. **Structural-** is about containers of data< involving compound objects coming together ie: pages are ordered to form chapters. **Administrative-** Provides info to help manage a resource. Such as when/ how it was created, file type, who can access it.

-**AWS-** Amazon web services- a comprehensive, evolving cloud computing platform designed by amazon.

**-PostgreSQL-** an object- relational database management system (ORDBMS) simply a database server-securely stores data and returns data in response to requests from other software applications

**-PHPstorm-** a commercial, cross platform integrated development environment. Provides an editor for PHP, HTML &JavaScript, with on the fly analysis, error prevention & automated refactoring (the process of restructuring existing computer code, changing the factoring without changing its external behavior) for PHP & JavaScript code.

**-Karma-** a test runner for JavaScript. Very well suited for testing any JavaScript project

**-Prototyping-** is a style of object-oriented programming in which behavior reuse (known as inheritance) is performed via a process of reusing existing objects via delegation that serve as prototypes.

**-task flow analysis-** analyzing a task flow diagram or chart- if you will. Said chart shows how users travel through templates while performing specific tasks.

**-API design & development-** the design and development of an application program interface. (API) is a set of routines, protocols, and tools for building software applications. Basically, an API specifies how software components should interact. Additionally, APIs are used when programming graphical user \_

**-Gulp tasks-** like Grunt, Gulp is a JavaScript task runner. Gulp however prefers code over configuration. Being that your tasks are written in code, gulp feels more like a build framework, giving you the tools to create tasks that fit your specific needs.

**-Open stack**- OpenStack is a free and open-source software platform for cloud computing, mostly deployed as infrastructure-as-a-service (IaaS), whereby virtual servers and other resources are made available to customers.

**-Mongo DBb**- cross-platform document-oriented database. Classified as a NoSQL database, MongoDB eschews the traditional table-based relational database structure in favor of JSON-like documents with dynamic schemas (MongoDB calls the format BSON), making the integration of data in certain types of applications easier and faster.

**-Ember-** is an open-source JavaScript web framework, based on the Model–view–view model (MVVM) pattern. It allows developers to create scalable single-page web applications by incorporating common idioms and best practices into the framework.