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Angular Syllabus

- **AngularJs 1.6**

- AngularJs vs JavaScript
- Features of AngularJs
 - a. Two way data binding
 - b. Single page application
 - c. Filters
 - d. Directives
 - e. Controller
 - f. Routing
 - g. Services
 - i. Service
 - ii. Factory
 - iii. Provider
- Package Managers
 - a. Bower
 - b. NPM
 - c. Yarn
- Task Runners
 - a. Grunt
 - b. Gulp
- Json-Server
- Slandered Folder Structure For Project
- Creating CRUD using all AngularJs features, Package Manager and Json-Server
- Project Deployment in Tomcat Server

- **Repository**

- Git
- Bitbucket

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- **EcmaScript**
 - Difference between EcmaScript vs JavaScript
 - Use of EcmaScript
- **TypeScript**
 - Difference Between JavaScript, EcmaScript and TypeScript
 - Use of TypeScript
- **Angular-CLI**
 - Why Angular-CLI
- **Angular 4**
 - Why Angular 4
 - Difference between Anulag4 and AngularJs
 - Creating Angular4 Project using Angular-Cli
 - Features of Angular 4
 - a. Animation Support
 - b. Structural Directives
 - c. Angular Universal
 - d. Template
 - e. Component
 - f. If with else
 - g. Routing
 - h. Service
 - i. HTTP
 - i. RXJS Library
 - Creating CRUD Operating using Angular 4 and Json-Server
 - Project Deployment in Tomcat Server
- **MongoDB**

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- Difference Between SQL and MongoDB
- CRUD using MongoDB

- **Putty and WinSCP**
 - Project Deployment on Cloud Server

- **Spring Boot**
 - Why Spring Boot
 - **MicroServices**
 - Creating CUD using SpringBoot and MongoDB
 - Project Deployment in Tomcat Server

- **Web Services**
 - What is WebServices
 - Creating WebServices
 - a. Angular4 CRUD + SpringBoot CRUD

- **Angular 5**
 - Why Angular 5
 - Difference between Angular5 and Angular4
 - Creating Angular5 Project using Angular-Cli 1.5
 - Features of Angular 5
 - b. Angular Universal and State Transfer
 - c. Static Injector
 - d. Type Checking in Template
 - e. Tree Shakable Components
 - f. TypeScript 2.4
 - g. New Router
 - h. Service
 - i. HTTPClient
 - RXJS Library 5.5

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- Creating CRUD Operating using Angular 5 and SpringBoot
- Project Deployment in Tomcat Server
- **Angular 6**
 - Overview of Angular 6

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