MVC2&Java Annotation- Assignments

Session 2

Duration (3 Hours)

**Assignment 1:**

Define an annotation type for an enhancement request with elements id, synopsis, engineer, and date. Specify the default value as unassigned for engineer and unknown for date.

**Assignment 2:**

Use Faster-XML/Jackson API to parse a Model class to JSON and vice versa.

Model Class - Employee:

* employeeName
* employeeId
* emailId
* dateOfBirth
* dateOfJoining
* ctcPerAnnum

Only following fields should be converted to JSON String -

* employeeName
* employeeId
* emailId
* dateOfJoining

Only follwing fields should be converted to Model Object from JSON -

* employeeName
* employeeId
* dateOfBirth

Only following fields are allowed to be null -

* dateOfBirth
* dateOfJoining

**Assignment 3:**

Create an annotation CanRun with no elements.

Create a class AnnotationRunner, with 5 methods (method1 to method5), printing unique text to console in each method (e.g method1() prints “Executing method-1”). Put CanRun annotation on methods 1, 3 and 5.

Create a main class which instantiates an object of AnnotationRunner, and executes all the methods with annotation CanRun.

Verify the output on the console.