**LAB 3**

This lab you will create a spring web application from scratch. This will help you practice more and getting a better grip of designing a n-tier web application. You should implement the following:

1. Make a domain model using the domain model.

**public class Post {  
  
 long id;  
 String title;  
 String content;  
 String author;  
  
}**

1. Make a repository with a fake database (*using an ArrayList*). This database will hold the Posts.
2. Make a service layer that will inject the repository.
3. Make a RestController that will inject the service and respond to the following requests.
   1. GET localhost:8080/posts/ 🡪 This should retrieve all the posts in the database.
   2. GET localhost:8080/posts/1 🡪 This should retrieve the post with id = 1.
   3. POST localhost:8080/posts/ 🡪 This should create and save a new post.
   4. DELETE localhost:8080/posts/1 🡪 This should delete the post where id = 1.

Make sure you execute all these requests using postman.