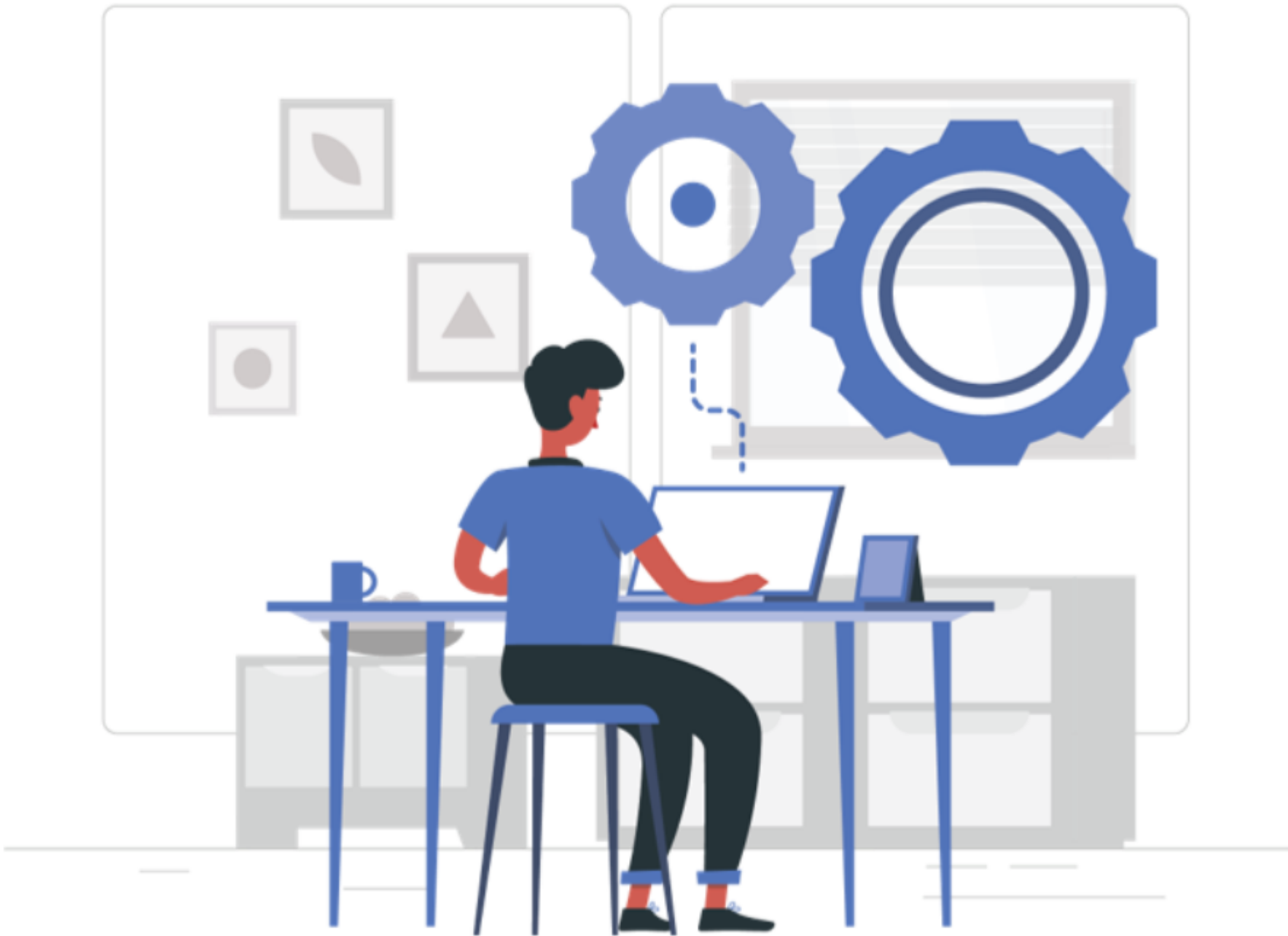Challenge

Test RESTful Services at Service Layer and Data Layer by Using Testing Tools (JUnit, Mockito)

Muzix Application

The Muzix application was created in the last Sprint using the Spring Boot application. All the layers were created, and the rest endpoints were tested using Postman.
In this challenge, you will write automated test cases for the repository and service layers.

CHALLENGE

Task #1 – Repository Layer

- Clone the previous spring challenge solution – **BEJ_C2_S2_REST_API_MONGODB_MC_1.**

- Add the spring-starter-test dependency in the pom.xml.

- Create the test class for the repository layer.

- Annotate the repository layer with appropriate annotation.

- Create the setUp() and tearDown() methods with proper annotation.

- Annotate all the test methods.

- Use assert methods in each of the test methods.

- Create test cases for both success and failure scenarios.

- Run the test class.

Task #2 – Service Layer

- Create the test class for the service layer.

- Annotate the service layer with appropriate annotation.

- Create the setUp() and tearDown() methods with proper annotation.

- Annotate all the test methods.

- Use assert methods in each test method.

- Create test cases for both success and failure scenarios.

- Run the test class.

Submission Instructions

- Create a new repository on Git named **BEJ_C2_S3_Testing_ServiceLayer_MC_1.**

- Push your code into the repository.

- There is no boilerplate for this challenge.