JUNIT

Unit testing framework for java and it’s frameworks.

Junit 5 is the next generation of Junit.

The goal is to create an up-to-date foundation for developer-side testing on the JVM. This includes focusing on java 8 and above, as well as enabling many different styles of testing.

AssertJ

AssertJ is a java library that provides a rich set of assertions and truly helpful error messages.

It improves test code readability, and is designed to be super easy to use within our favourite IDE.

Mockito

Mockito is a mocking framework for java.

It lets you write beautiful tests with a clean and simple API.

The tests are very readable and they produce clean verification errors.

Mockito #.x requires Java 8 or above.

Repository Testing

Create repositoryTest class with the same name name of our actual repository.

Mention ”@DataJpaTest” annotation.