

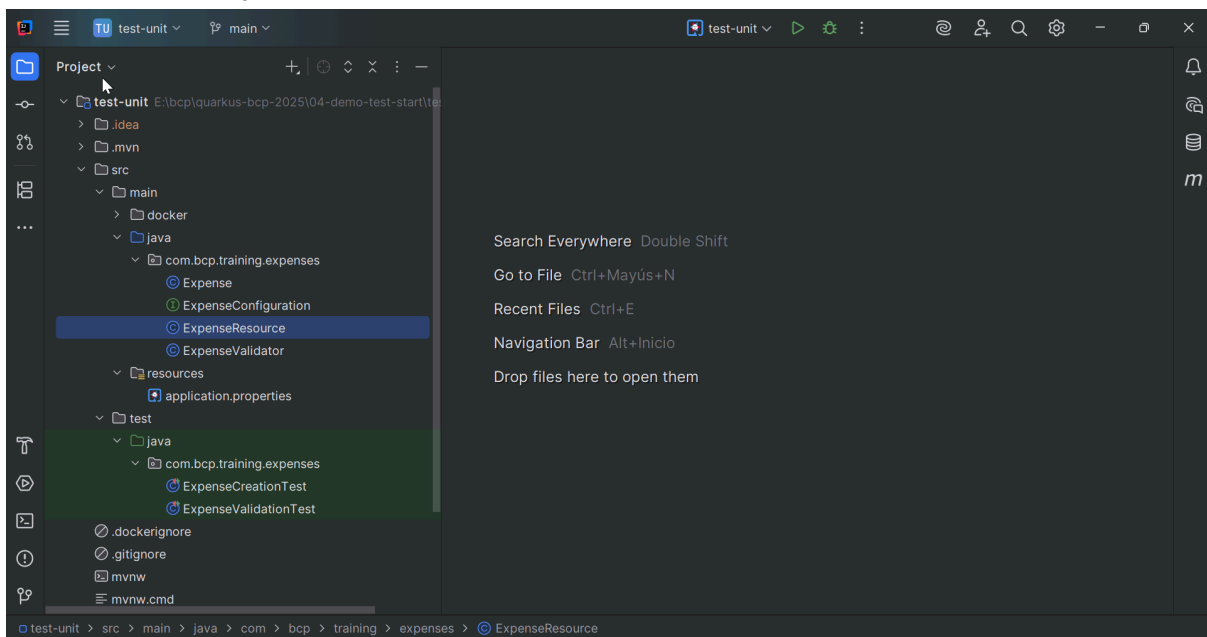
LAB 6: QUARKUS TESTING

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Github Repo: <https://github.com/joedayz/quarkus-bcp-2025.git>

1. Abre el proyecto **test-unit**.



2. Examinar el paquete expenses

3. Hacer que ExpenseValidationTest sea un @QuarkusTest

```
@QuarkusTest
public class ExpenseValidationTest {
```

4. Inyectar los componentes

```
@QuarkusTest
public class ExpenseValidationTest {

    @Inject
    ExpenseConfiguration config;
```

```
@Inject
ExpenseValidator validator;
```

5. Ejecutar mvn quarkus:dev y ejecutar las pruebas con la opción "r".

6. Implementar el ExpenseCreationTest#testCreateExpense

6.1 Anotar la clase para pruebas de HttpEndpoint

```
@QuarkusTest
@TestHTTPEndpoint( ExpenseResource.class )
public class ExpenseCreationTest {

    @Test
    public void testCreateExpense() {
        Assertions.fail();
    }
}
```

7. Usar estos imports:

```
import static io.restassured.RestAssured.given;
import static io.restassured.RestAssured.when;
import static org.hamcrest.CoreMatchers.is;
```

8. Implementar el metodo

```
@Test
public void testCreateExpense() {

    given()
        .body( Expense.of( "Test Expense",
            Expense.PaymentMethod.CASH,
            "1234" ) )
```

```
        .contentType( ContentType.JSON )
        .post();

when()

        .get()
        .then()
        .statusCode( 200 )
        .body( "size()", is( 1 ) )
        .body( "[0].name", is( "Test Expense" )
    )

        .body( "[0].paymentMethod", is(
Expense.PaymentMethod.CASH.name() ) )
        .body( "[0].amount", is( 1234.0F ) );
}
```

enjoy!

Jose