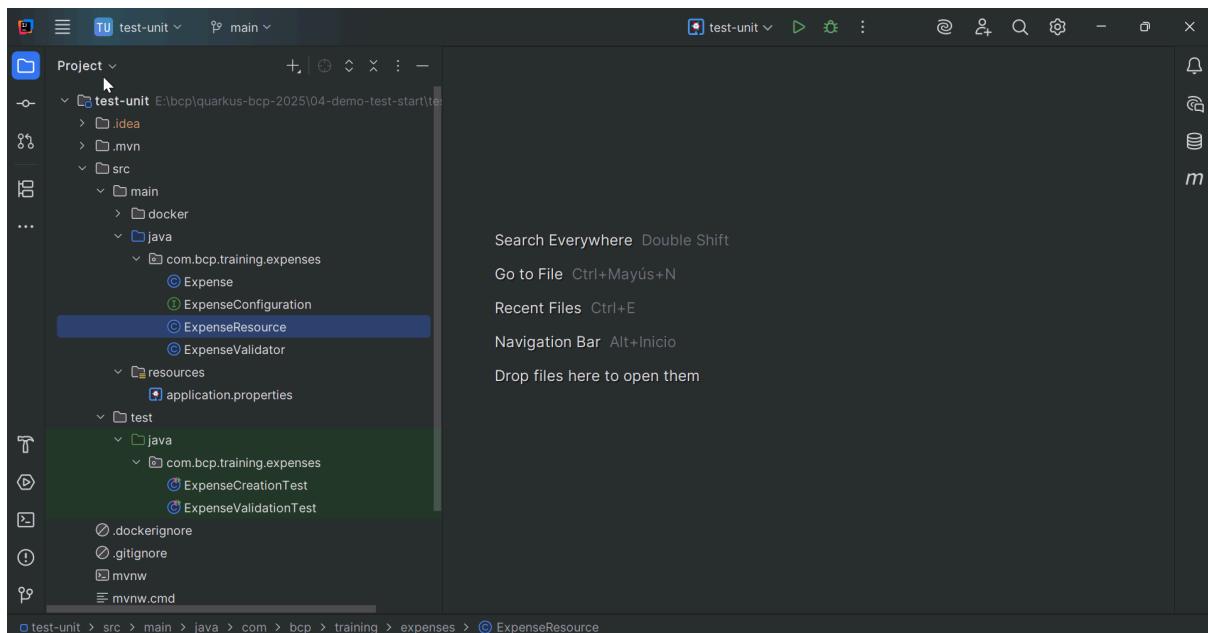


LAB 6: QUARKUS TESTING

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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