Designing for Testability and Integration Testing

1. Inspect all the classes in folder `large` and draw the design diagram for this system using the Hexagonal Architecture and/or the dependency inversion principle.

2. Given the design diagram generated at the previous step, how would you tests the different components of the system (unit, integration, system tests)?

3. What type of class is `InvoiceDao.java` located inside the `sql` folder, using the Hexagonal Architecture and/or the dependency inversion principle?

4. How would you test `InvoiceDao.java` (unit, integration, system tests)?

5. Take a look at `SqlIntegrationTestBase.java` and `InvoiceDaoIntegrationTest.java`? What type of testing does each perform? How are they connected and why?

6. What takes place in `openConnectionAndCleanup()`?

7. What takes place in `close()`?

8. What takes place in `save()`?

9. What takes place in `atLeast()`?