* org.springframework.samples.petclinic.OwnerTests

is a simple JUnit 4 based TestCase that supports Business Rule #1.

* org.springframework.samples.petclinic.AbstractClinicTests

is a JUnit 4 based TestCase requiring a live database connection that is used to confirm correct operation of the database access objects in the various implementations of the Clinic interface. "AbstractClinicTests-context.xml" declares a common javax.sql.DataSource. Subclasses specify additional context locations which declare a org.springframework.transaction.PlatformTransactionManager and a concrete implementation of Clinic.

* AbstractClinicTests extends AbstractTransactionalJUnit4SpringContextTests, one of the valuable testing support classes provided by the Spring TestContext Framework found in the org.springframework.test.context package. The annotation-driven configuration used here represents best practice for integration tests with Spring. Note, however, that AbstractTransactionalJUnit4SpringContextTests serves only as a convenience for extension. For example, if you do not wish for your test classes to be tied to a Spring-specific class hierarchy, you may configure your tests with annotations such as @ContextConfiguration, @TestExecutionListeners, @Transactional, etc.