

Axon Active Vietnam Co., Ltd. Hai Au Building, 39B Truong Son St. Ward 4, Tan Binh District Ho Chi Minh City Vietnam

mww.axonactive.com info@axonactive.com

Axon Active Schweiz AG Other Branches Schlössli Schönegg Wilhelmshöhe 6003 Luzern Switzerland

www.axonactive.ch info@axonactive.ch

and i

Da Nang 214 30/4 Street, Hai Chau District, Da Nang, Vietnam Can Tho 57-59A CMT8 Street, Ninh Kieu District, Can Tho, Vietnam San Francisco 281 Ellis Street, San Francisco, California 94102, USA

Unit Test Naming Convention

There are some common naming convention that you choose to follow.

UnitOfWork_StateUnderTest_ExpectedBehavior

The unit of work can be as small as a single method, a class or as large as multiple classes. It should represent all the things that are to be tested in this test case and are under control. However, the huge drawback is the situation when the UnitOfWork 's name is changed, which lead to a completely refactoring all the test case that are related to that unit of work.

Example:

- withdrawMoney InvalidAccount ExceptionThrow
- admitStudent MissingMandatoryFields FailToAdmit
 - Should_ExpectedBehavior_When_StateUnderTest

Make the test readable and easy to understand.

Example:

- Should ThrowException When AgeLessThan18
- Should FailToWithdrawMoney When InvalidAccount
- Should FailToAdmit When MandatoryFieldsAreMissing
 - When_StateUnderTest_Expect_ExpectedBehavior

Example:

- When AgeLessThan18 Expect isAdultAsFalse
- When InvalidAccount Expect WithdrawMoneyToFail
- When MandatoryFieldsAreMissing Expect StudentAdmissionToFail