**Conditional Test Execution**

pom.xml:

<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<groupId>UsingJUnit</groupId>

<artifactId>UsingJUnit</artifactId>

<version>0.0.1-SNAPSHOT</version>

<dependencies>

<dependency>

<groupId>org.junit.jupiter</groupId>

<artifactId>junit-jupiter-engine</artifactId>

<version>5.4.2</version>

</dependency>

<dependency>

<groupId>org.junit.platform</groupId>

<artifactId>junit-platform-launcher</artifactId>

<version>1.2.0</version>

</dependency>

</dependencies>

</project>

ConditionalTests:

**package** com.ecommerce.tests;

**import** org.junit.jupiter.api.**\***;

**import** org.junit.jupiter.api.AfterAll;

**import** org.junit.jupiter.api.BeforeAll;

**import** org.junit.jupiter.api.Test;

**import** org.junit.jupiter.api.condition.DisabledIf;

**import** org.junit.jupiter.api.condition.EnabledOnOs;

**import** org.junit.jupiter.api.condition.OS;

**import** org.junit.platform.runner.JUnitPlatform;

**import** org.junit.runner.RunWith;

**@DisplayName("JUnit 5 Conditional Tests Example")**

**@RunWith(JUnitPlatform.class)**

**public** **class** ConditionalTests {

**@Test**

**@EnabledOnOs({OS.WINDOWS})**

**public** void runOnWindows() {

**System**.out.println("This runs on Windows");

}

**@Test**

**@EnabledOnOs({OS.LINUX})**

**public** void runOnLinux() {

**System**.out.println("This runs on Linux");

}

**@Test**

**@DisabledIf("Math.random() < 0.314159")**

void mightNotBeExecuted() {

**System**.out.println("This may or not execute ");

}

}