

Ims Project

27/05/22

By Eugenie Tano

Introduction

Jira

Diagrams.

Codebase
demo and any
testing

Screenshot of
code testing
coverage

Code
Demonstration
Through eclipse

Pro and con of
the project.

Future plan.

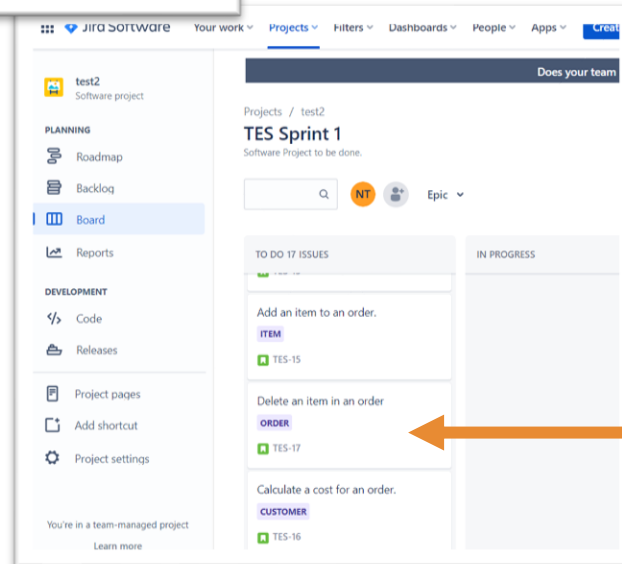
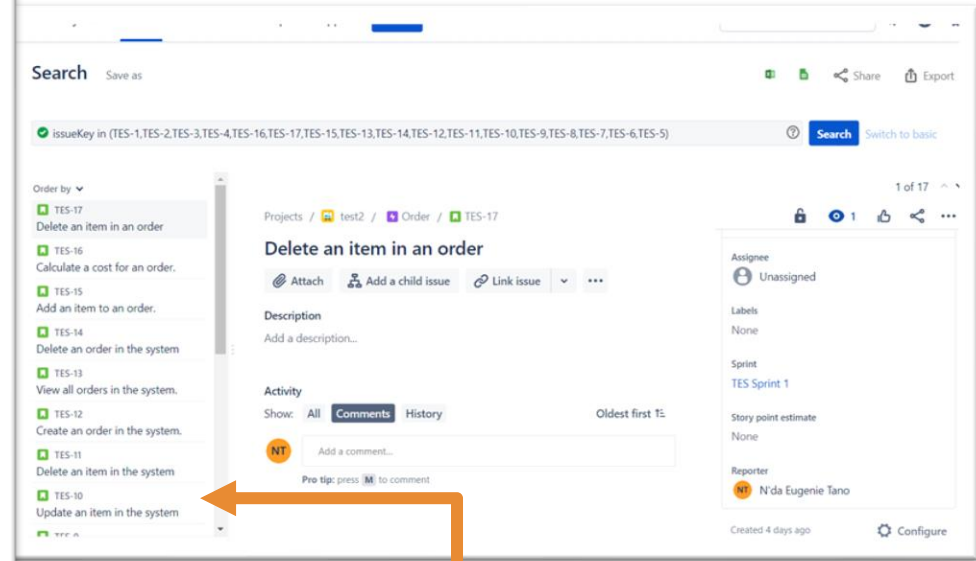
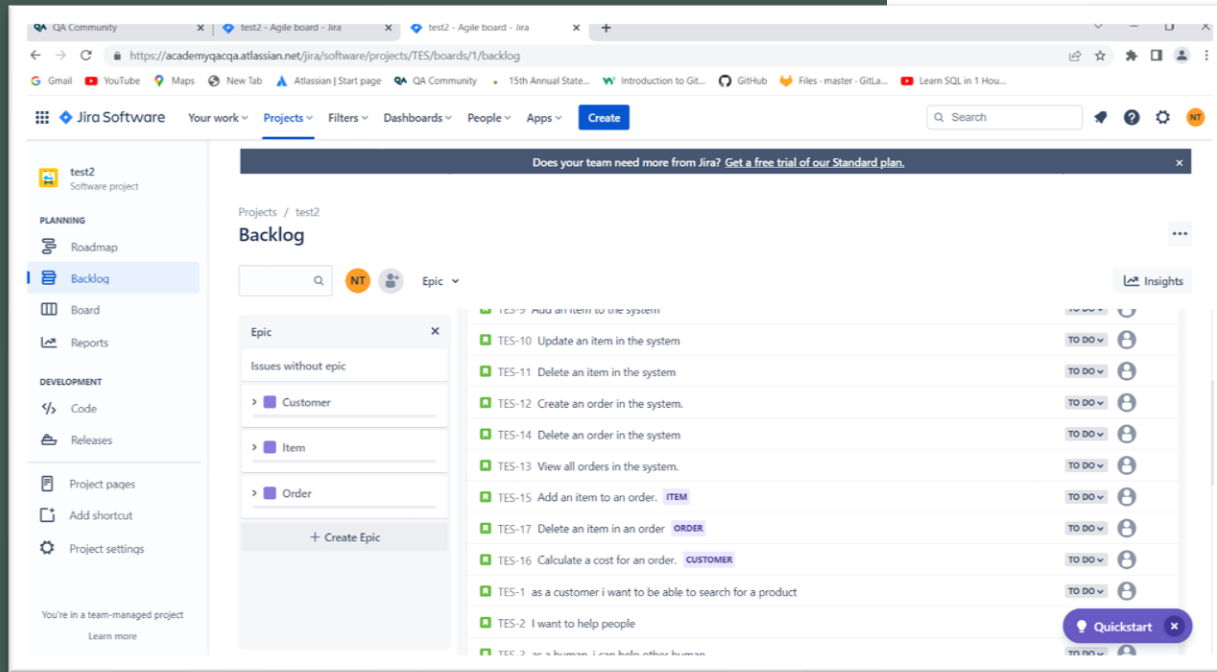
Issues	Description	
Login issue	Applicant may drop the order	
SQL injection attack	The database System will be unreachable	
Misconfiguration that can create chaos	System stop working	
issues with the supplier chain	products shortage	

Likelihood		Impact Level	responsibility	
low		High	Developer	
High		High	Database administrator	
High		High	Developer	
			Product development and deployment team.	
Medium		High		

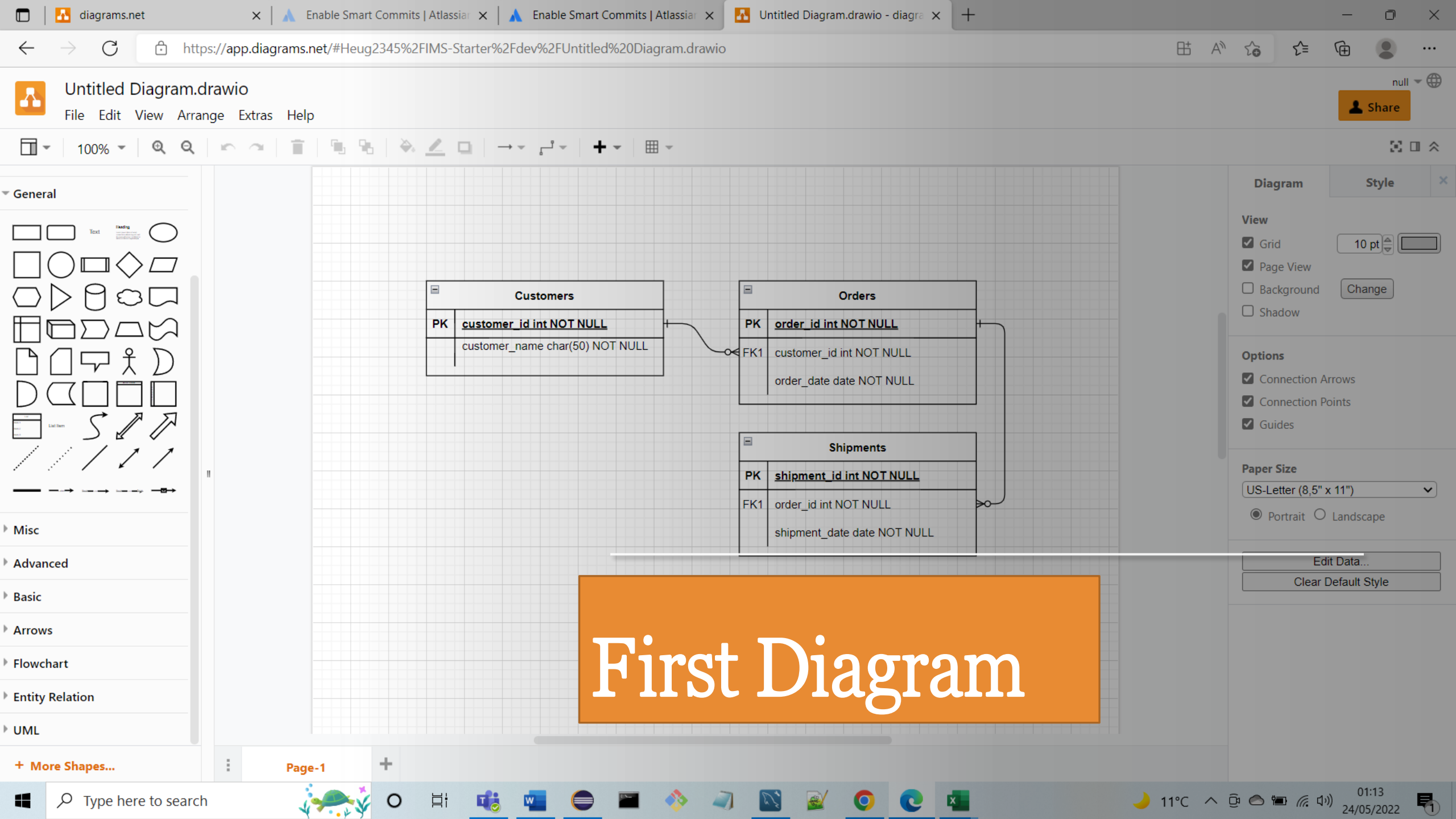
Risk Assessment


Response	Contre Mesure
	Double check the code before launching the application
Escap all user supplied input	Avoid using unvalidated customer Name parameter that open to the query.
	Confirm with the supplier to make sure products are deliver in time.

JIRA



Customer
Order
Shipment







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 eug2345/AquariumTry

 eug2345/hello-world

 eug2345/JDBCproject

 eug2345/IMS-Starter

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 **eug2345 / IMS-Starter** Public template


forked from Reece-elder/IMS-Starter

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master

IMS-Starter / src /


This branch is **1 commit ahead** of Reece-elder:master.

 **eug2345** EUgIMS-Starter


...

 main

EUgIMS-Starter

 test

EUgIMS-Starter

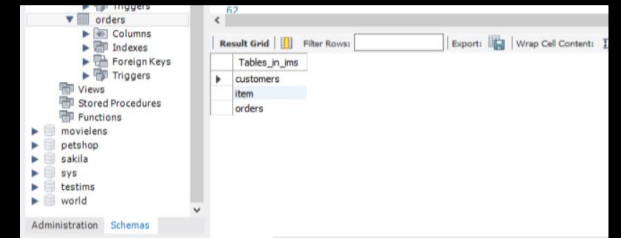
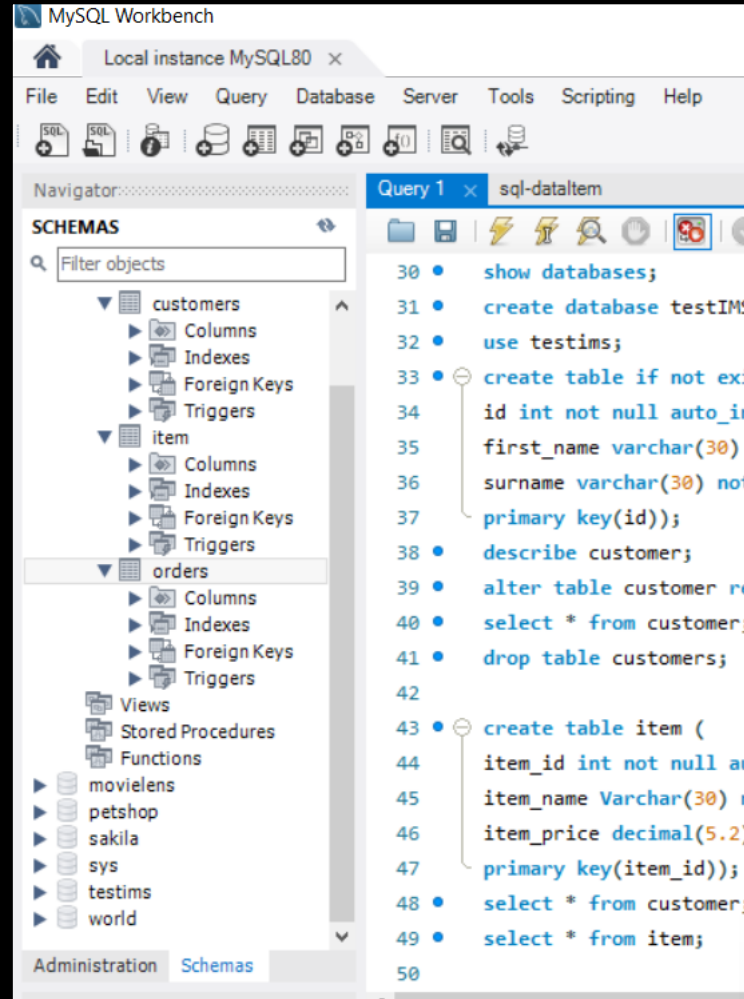
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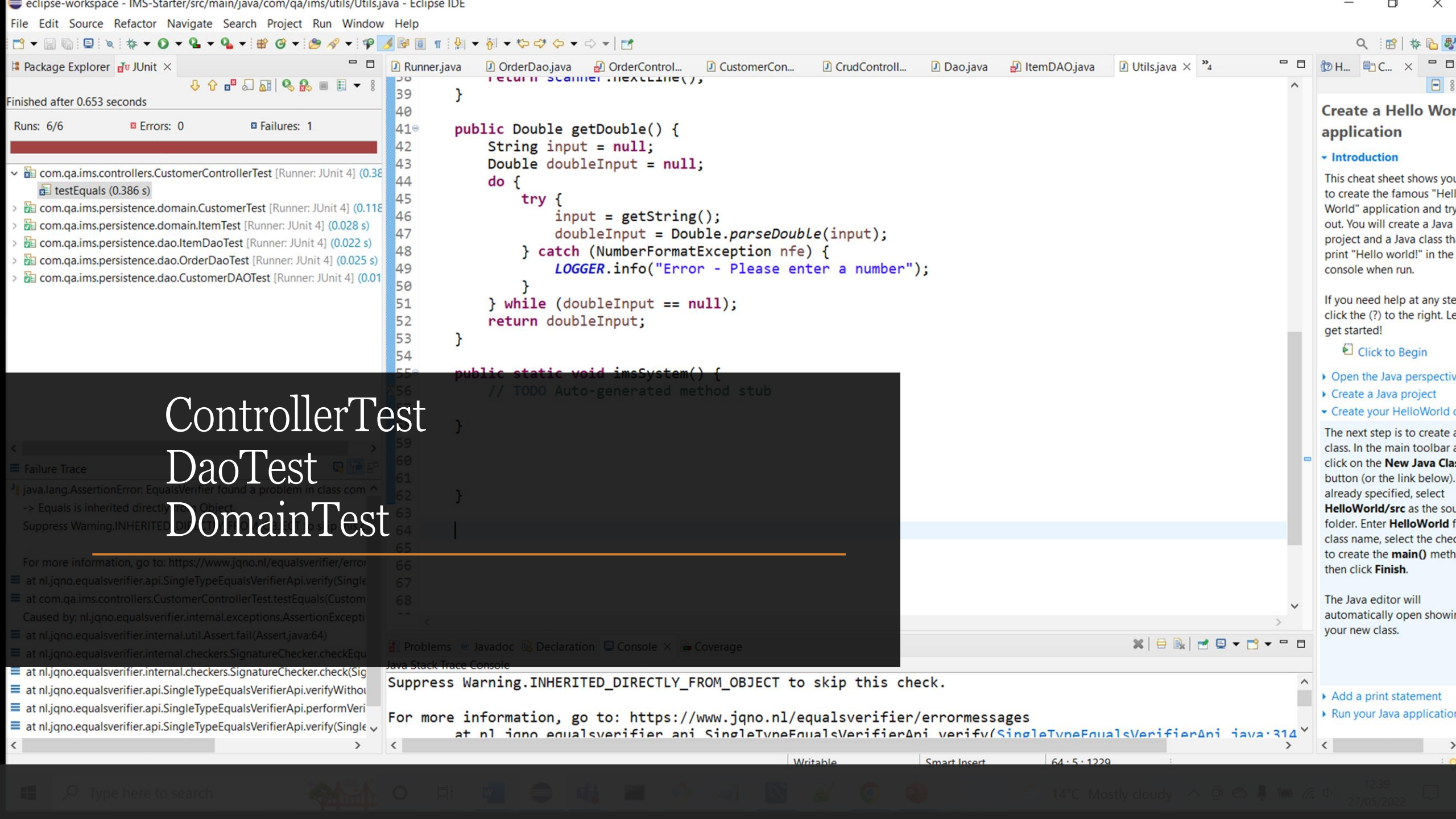
Git Hub

MySQL

Database Schema



```
49 • select * from item;
50
51 • use ims;
52 • create table orders (
53   order_id int primary key auto_increment,
54   fk_customer_id int not null,
55   placed date not null,
56   foreign key (fk_customer_id) references customers(customer_id)
57 );
```

ControllerTest
DaoTest
DomainTest

Create a Hello World application

Introduction

This cheat sheet shows you how to create the famous "Hello World" application and try it out. You will create a Java project and a Java class that prints "Hello world!" in the console when run.

If you need help at any step, click the (?) to the right. Let's get started!

[Click to Begin](#)

- Open the Java perspective
- Create a Java project
- Create your HelloWorld class

The next step is to create a new class. In the main toolbar, click on the **New Java Class** button (or the link below). In the dialog, already specified, select **HelloWorld/src** as the source folder. Enter **HelloWorld** for the class name, select the checkbox to create the **main()** method, and then click **Finish**.

The Java editor will automatically open showing your new class.

- Add a print statement
- Run your Java application



Package Explorer JUnit x

Finished after 0.495 seconds

Runs: 2/2 Errors: 0 Failures: 0

> com.qa.ims.persistence.domain.Custor

> com.qa.ims.persistence.domain.ItemTe

CustomerCon... Dao.java ItemDAO.java ItemControll... ItemDaoTest... x CustomerCon... Runner.java CustomerTes... OrderDaoTes... »

```
1 package com.qa.ims.persistence.dao;
2
3 import org.junit.Test;
4
5
6
7
8
9 public class ItemDaoTest{
10
11 @Test
12 public void testEquals() {
13     EqualsVerifier.simple().forClass(Item.class).verify();
14 }
15
16 }
```

< >

Failure Trace

Problems Javadoc Declaration Console Coverage x

IMS-Starter (4) (Failed Tests first) (26 May 2022 22:22:26)

Element	Coverage	Covered Instru...	Missed Instruct...	Total Instructio...
> IMS-Starter	15.9 %	387	2,048	2,435

DomainTest

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Positive aspect –Target-Challenges



GOOD EXPERIENCE
WITH THE INVENTORY

New Skill:
**(Jira, Java, Git,
MySQL).**



NEED CONFIDENCE
NEED OVERALL IMPROVEMENT
BY THE END OF THIS PROGRAM..
More practice.



NOT ENOUGH TIME FOR ME
More Challenging.
Lot to take at once.

Tools Used

- ❑ Git(command)
- ❑ MySQL(Database)
- ❑ Jira(Agile)
- ❑ Java

- ❑ Maven
- ❑ Junit Testing
- ❑ Mockito testing



Thank you!