

# IMS Project

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# Introduction

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**Objective of project** - To create a functional application, using supporting tools, methodologies, and technologies, that encapsulates all fundamental modules covered during training.

Key deliverables

Given the IMS-Starter github repository as a starting point

# Software constraints

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**Version Control System:** Git

**Source Code Management:** GitHub

**Kanban Board:** Jira

**Database Management System:** MySQL Server 5.7 (local or GCP instance)

**Back-End Programming Language:** Java

**Build Tool:** Maven

**Unit Testing:** JUnit

Projects / Java\_Project / JP board

## Roadmap

DB

Status ▾

Epic	FEB	MAR
> JP-1 Customers		
> JP-2 Items		
> JP-3 Orders		
> JP-19 Admin		
+ Create Epic		

dbennett98 / IMS-Starter  
forked from JHarry444/IMS-Starter

<> Code Pull requests Actions Projects Wiki Security Insights Settings

master 17 branches 0 tags Go to file Add file Code

This branch is even with JHarry444:master. Pull request Compare

JHarry444 Merge pull request #4 from JHarry444/dev 716c545 21 days ago 21 commits

src

added try-with-resources to close ResultSet 21 days ago

.gitignore

init commit 7 months ago

LICENSE.md

init commit 7 months ago

README.md

init commit 7 months ago

pom.xml

bumped junit version 21 days ago

# Starting out

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# Jira breakdown

JP-2 / JP-9

1

As a user, i want to be able to view all items in the system, so that i can see how many items are in the stock



Done

✓ Done

Description

Add a description...

Subtasks

...

+

100% Done

JP-23 Create code that allows all ...



DONE

JP-41 Test code that allows the u...



DONE

Assignee



Unassigned

Reporter



Dan Bennett

Labels

None



Add a comment...

Pro tip: press **M** to comment

JP-19 Admin

JP-21 As a developer, i want to ...



DONE

JP-24 As a developer, i want to ...



DONE

JP-36 As a developer, i want to ...



DONE

JP-37 As a developer, i want to ...



DONE

JP-20 As a developer, i want to ...



DONE

JP-56 As a developer, i want to have...

TO DO

JP-52 As a developer, i want a powe...

TO DO

JP-1 Customers

JP-4 As a user, I want to be able...



DONE

JP-5 As a user, i want to be able ...



DONE

JP-6 As a user, i want to be able ...



DONE

JP-7 As a user, i want to be able ...



DONE

JP-2 Items

JP-11 As a user, i want to be abl...



DONE

JP-10 As a user, i want to be abl...



DONE

JP-8 As a user, i want to be able ...



DONE

JP-9 As a user, i want to be able ...



DONE

JP-3 Orders

JP-14 As a user, i want to be abl...



DONE

JP-16 As a user, I want to be abl...



DONE

JP-18 As a user, i want to be abl...



DONE

JP-15 As a user, i want to be abl...



DONE

JP-13 As a user, i want to be abl...



DONE

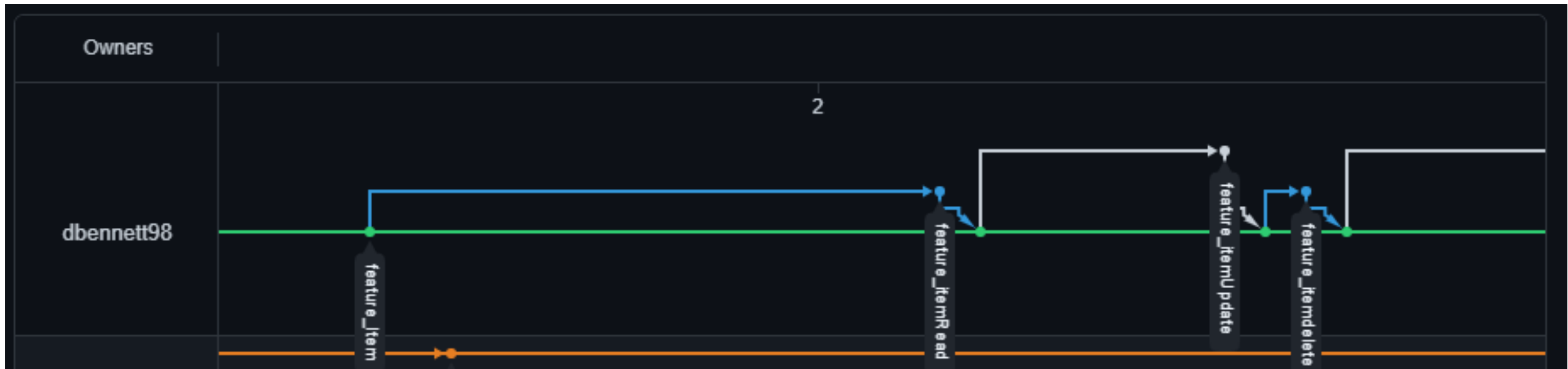
JP-17 As a user, i want to be abl...



DONE

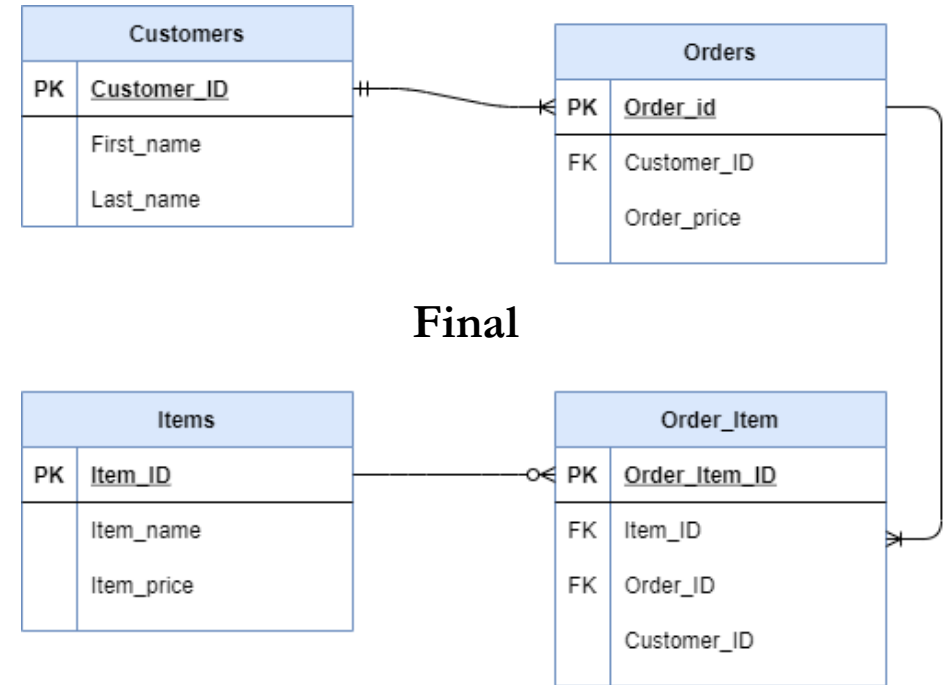
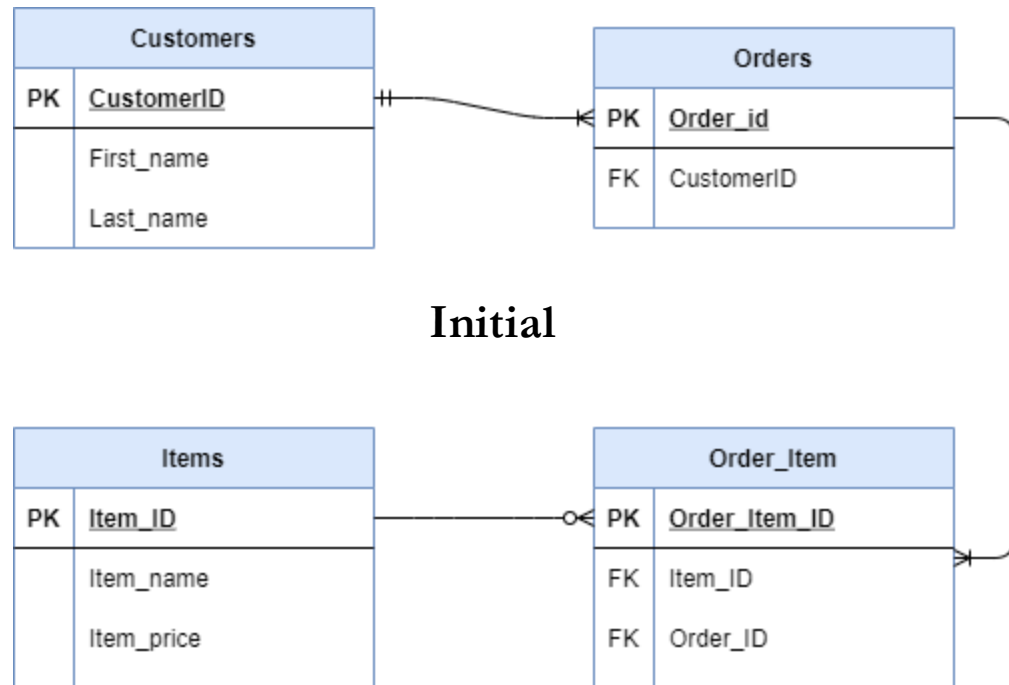
# Version control

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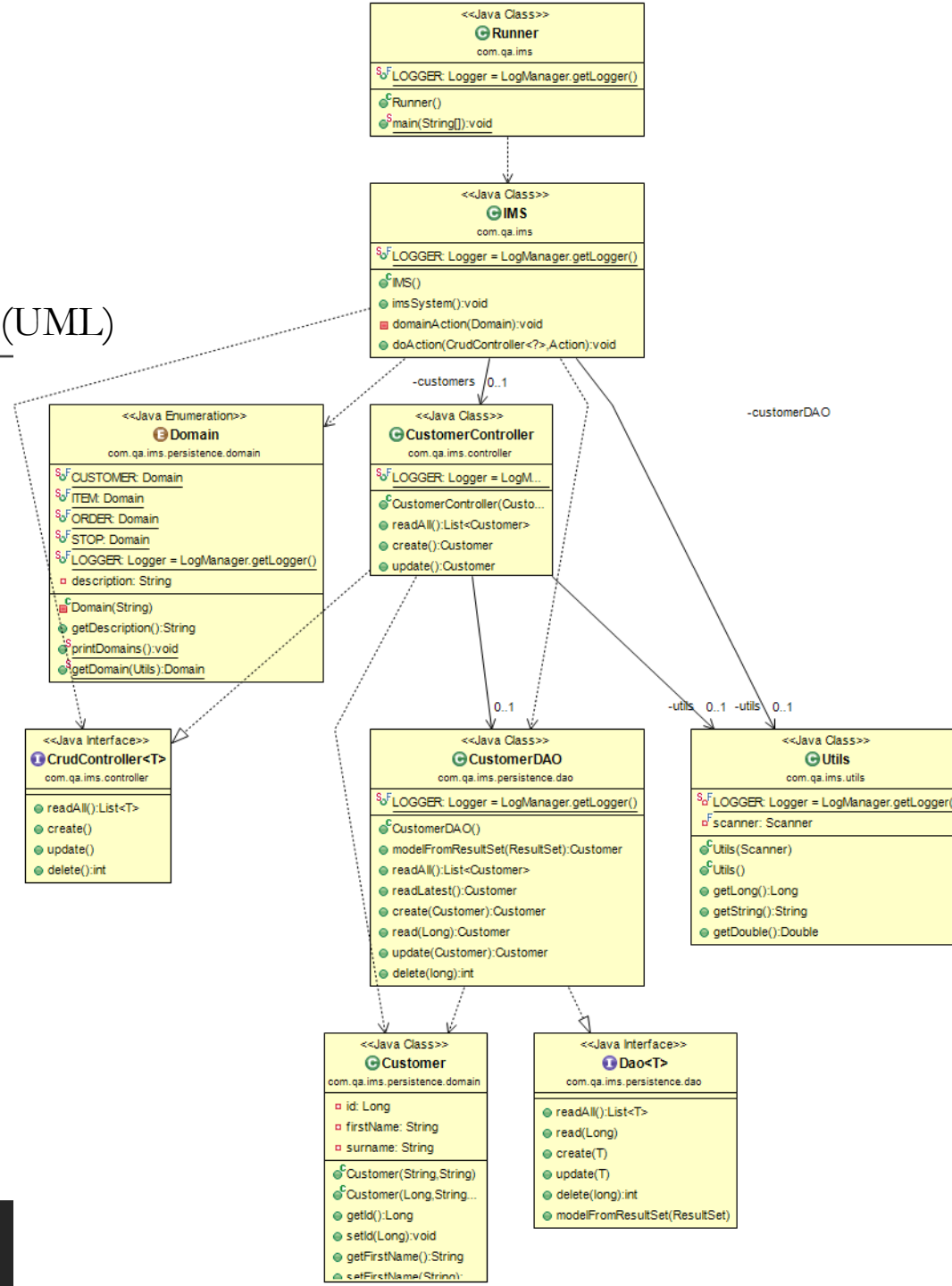


# Entity relationship diagrams

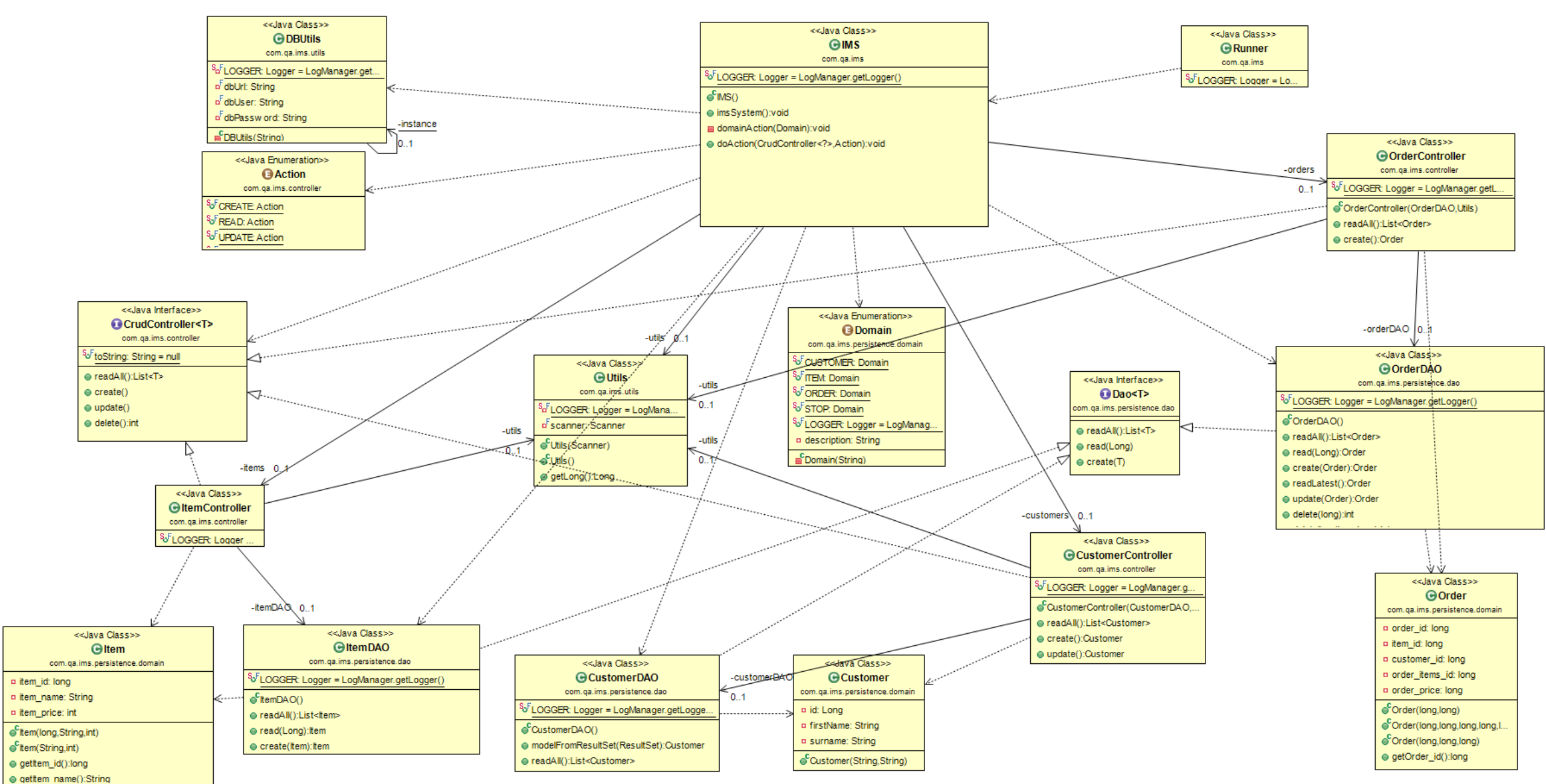
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# Unified Modelling language (UML)

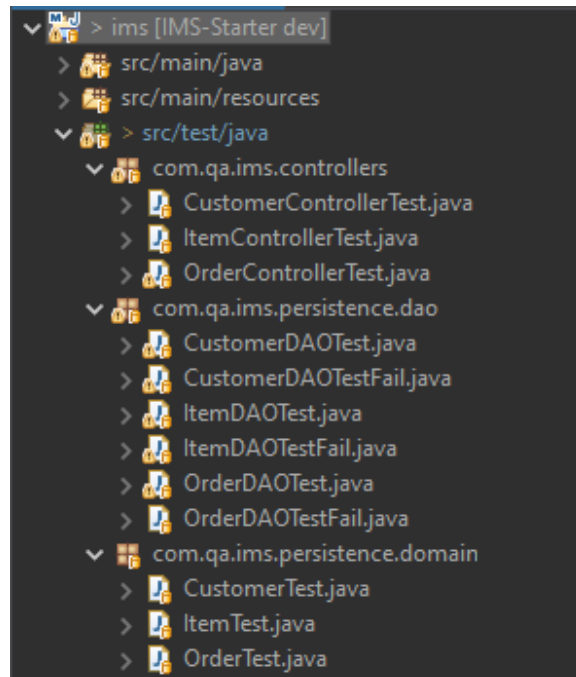






# Testing

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A screenshot of an IDE's coverage report window titled 'Coverage'. It displays a table with two columns: 'Element' and 'Coverage'. The report shows the coverage percentage for various elements in the project, including packages and classes. The overall coverage for the 'ims' project is 88.1%.

Element	Coverage
ims	88.1 %
src/main/java	81.4 %
com.qa.ims	0.0 %
com.qa.ims.controller	74.6 %
Action.java	0.0 %
CrudController.java	0.0 %
CustomerController.java	100.0 %
ItemController.java	100.0 %
OrderController.java	100.0 %
com.qa.ims.persistence.domain	84.1 %
Domain.java	0.0 %
Customer.java	100.0 %
Item.java	100.0 %
Order.java	100.0 %
com.qa.ims.utils	70.6 %
com.qa.ims.exceptions	0.0 %
com.qa.ims.persistence.dao	100.0 %
CustomerDAO.java	100.0 %
ItemDAO.java	100.0 %
OrderDAO.java	100.0 %
src/test/java	100.0 %

# Demonstration






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# Sprint review #1

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## Completed Issues

[View in Issue Navigator](#)

Key	Summary	Issue Type	Priority	Status	Story Points (2)
<a href="#">JP-20</a> *	As a developer, i want to be able to view an ERD, so that i have a guide when creating tables for the system	 Story	↑ Medium	<span>DONE</span>	1
<a href="#">JP-21</a> *	As a developer, i want to have a risk assessment, so i know that the project and myself are safe throughout	 Story	↑ Highest	<span>DONE</span>	1
<a href="#">JP-24</a> *	As a developer, i want to have a basic UML diagram, so that i have a visual representation when constructing my classes in java	 Story	↑ Highest	<span>DONE</span>	-
<a href="#">JP-36</a> *	As a developer, i want to Update the Schema file to incorporate items and order tables, so that it is ready to be used once the java code is written	 Story	↑ Highest	<span>DONE</span>	-
<a href="#">JP-37</a> *	As a developer, i want to Create a JIRA storyboard, so that my project will be planned out	 Story	↑ Medium	<span>DONE</span>	-

# Sprint review #2

## Status Report

\* Issue added to sprint after start time

### Completed Issues

[View in Issue Navigator](#)

Key	Summary	Issue Type	Priority	Status	Story Points (8)
JP-8	As a user, i want to be able to add an item, so that the details can be stored for use in an order	Story	Highest	DONE	2
JP-9	As a user, i want to be able to view all items in the system, so that i can see how many items are in the stock	Story	Highest	DONE	2
JP-10	As a user, i want to be able to update an items, so that if any details change they can be updated rather than re-added into the system.	Story	Highest	DONE	2
JP-11 *	As a user, i want to be able to delete an item from the system, So that it is known when it is no longer in stock	Story	Highest	DONE	2

## Status Report

### Completed Issues


[View in Issue Navigator](#)

Key	Summary	Issue Type	Priority	Status	Story Points (27)
JP-13	As a user, i want to be able to create an order, so that orders can be placed using customer details and item details	Story	Highest	DONE	4
JP-14	As a user, i want to be able to view all orders, so that i can see all orders currently in place	Story	Highest	DONE	4
JP-15	As a user, i want to be able to delete an order, so that it can be removed if it is no longer needed	Story	Highest	DONE	4
JP-16	As a user, I want to be able to add an item to an existing order, so that additional items can be requested once a order has been placed	Story	Highest	DONE	5
JP-17	As a user, i want to be able to calculate the cost for a order, so that customers will know how much an order will cost	Story	Highest	DONE	5
JP-18	As a user, i want to be able to delete an item from an order, so that orders can be made smaller if a certain item is no longer required	Story	Highest	DONE	5

# Sprint #3

## 1st Sprint 4

Have presentation ready and all work completed

   0 days remaining [Complete sprint](#)  




Only My Issues

Recently Updated

TO DO

IN PROGRESS

DONE

▼  JP-56 **TO DO** 3 sub-tasks As a developer, i want to have an application run by command line so that i meet the requirements of the project

Write README file



JP-61

Complete all coding elements




JP-57

Create large Jar file



JP-59

▼  JP-52 **DONE** 3 sub-tasks As a developer, i want a powerpoint presentation to present my work correctly

Create power point presentation ready to present work



JP-53

Review presentation for spelling mistakes and missing information



JP-54

Practice presentation



JP-55

# Sprint Retro

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All tasks were completed within their appropriate time frames

# Conclusion

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- Application is fit for purpose as a Minimum viable product
- Improvements in user friendliness



# Questions?

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THANKS FOR LISTENING