

A decorative graphic on the left side of the slide consisting of two overlapping parallelograms. The front one is blue and the back one is a light mint green. They are positioned diagonally, with the blue one partially covering the green one.

IMS Presentation

By Liam Costello



Introduction

- Computer Games programming
- New to java
- Junit testing and coverage
- Agile
- Planning
- Trial and error



What I learnt?

- Git BASH
- Git Hub
- Java
- Maven
- Sonar
- Junit
- UML
- ERD
- SQL

Version Control

The screenshot shows the GitHub interface for the repository 'liamcostello16/IMS-Liam'. At the top, there are navigation tabs: Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. The 'Code' tab is selected. Below the tabs, there are buttons for 'Go to file', 'Add file', and 'Code'. A 'Switch branches/tags' modal is open, showing a search bar 'Find or create a branch...' and a list of branches: 'main' (checked), 'Dev', 'Orders', and 'Items'. The 'main' branch is selected. The right sidebar contains sections for 'About', 'Releases', 'Packages', and 'Languages'. The 'About' section shows 'No description, website, or topics provided.' The 'Releases' section shows 'No releases published'. The 'Packages' section shows 'No packages published'. The 'Languages' section shows a bar chart for 'Java' at 100.0%.

liamcostello16 / IMS-Liam

Unwatch 1 Star 0 Fork 0

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

main 4 branches 0 tags

Go to file Add file Code

Switch branches/tags

Find or create a branch...

Branches Tags

main default

Dev

Orders

Items

View all branches

083c080 13 days ago 2 commits

Add files via upload 13 days ago

Create README 13 days ago

About

No description, website, or topics provided.

Readme

Releases

No releases published

Create a new release

Packages

No packages published

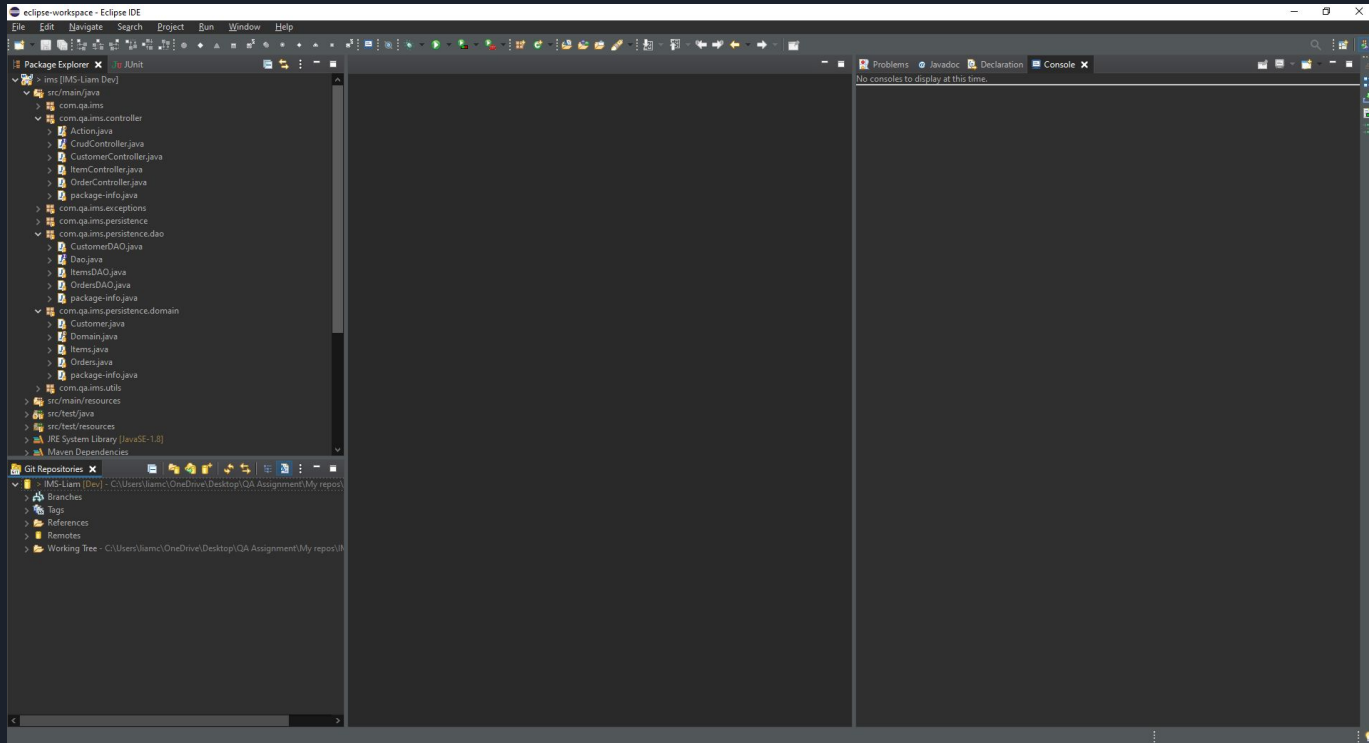
Publish your first package

Languages

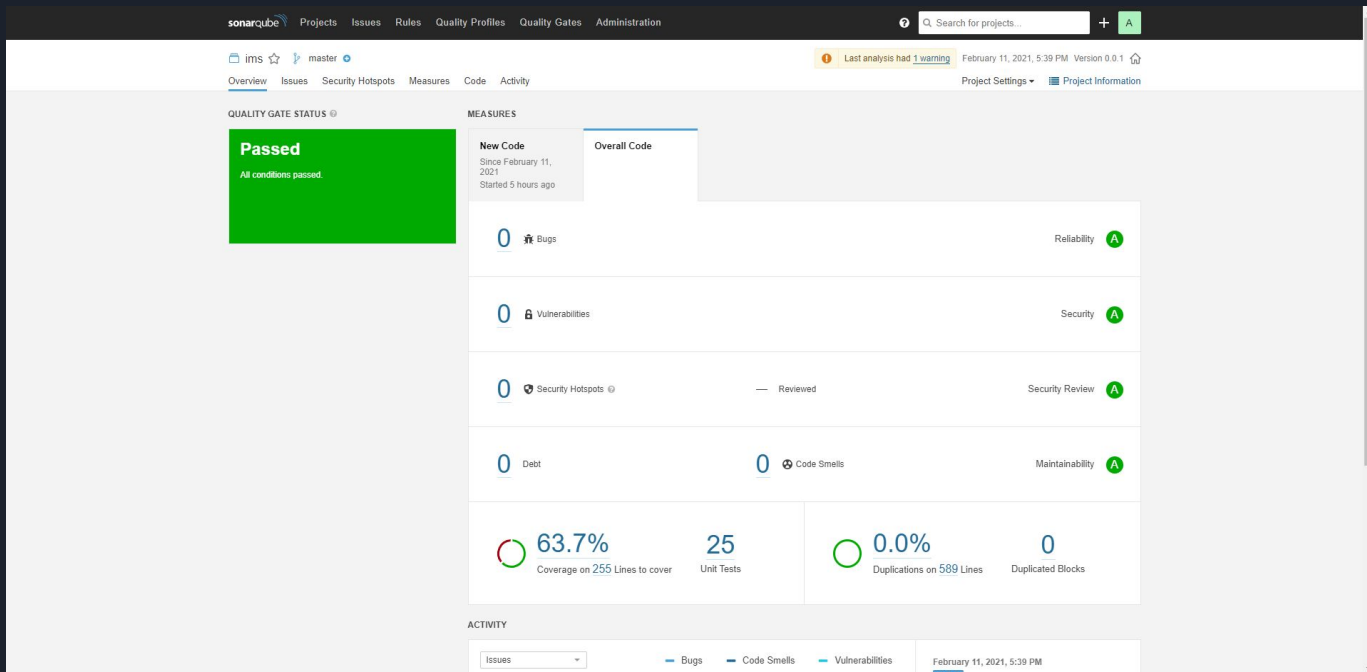
Java 100.0%

© 2021 GitHub, Inc. Terms Privacy Security Status Docs Contact GitHub Pricing API Training Blog About

Version Controlled Continued



Testing



User Stories

A quick show of the application through what the user can do.

The screenshot displays the Jira Software interface for a project named 'IMS' (Classic software project). The left sidebar contains navigation options: Board, Roadmap, Backlog, Active sprints, Reports, Issues (selected), Components, Code, Releases, Project pages, Add item, and Project settings. The main content area shows a user story titled 'A order must have a item and a customer'. Below the title are buttons for 'Attach', 'Create subtask', 'Link issue', and a dropdown menu. The description reads: 'As a developer each order must be assigned to a customer and that customers items must be in that order.' The 'Activity' section shows 'Comments', 'History', and 'Work log' tabs. A comment input field is visible with a placeholder 'Add a comment...'. On the right, the 'Done' status is shown with a dropdown menu. Below this, the 'Assignee' and 'Reporter' are both 'Liam Costello'. The 'Labels' are 'None', the 'Sprint' is 'None', and the 'Priority' is 'Medium'. A section titled 'Show 6 more fields' lists 'Story Points', 'Original estimate', 'Time tracking', 'Epic Link', 'Components' and 'Fix versions'. At the bottom, it shows 'Created January 29, 2021, 10:11 AM' and 'Updated 2 days ago'. A 'Quickstart' button is located in the bottom right corner.

Jira Software

Your work Projects Filters Dashboards People Apps Create

Search

Does your team need more from Jira? Get a free trial of our Standard plan.

Projects / IMS / IMS-15

A order must have a item and a customer

Attach Create subtask Link issue

Description

As a developer each order must be assigned to a customer and that customers items must be in that order.

Activity

Show: Comments History Work log

Add a comment...

Pro tip: press **⌘** to comment

Done Done

Assignee Liam Costello

Reporter Liam Costello

Labels None

Sprint None

Priority Medium

Show 6 more fields

Story Points, Original estimate, Time tracking, Epic Link, Components and Fix versions

Created January 29, 2021, 10:11 AM Updated 2 days ago

Configure

Quickstart

User Stories Continued

Command Prompt - java -jar ims-0.0.1-jar-with-dependencies.jar

```
Welcome to the Inventory Management System!
Which entity would you like to use?
CUSTOMER: Information about customers
ITEM: Individual Items
ORDER: Purchases of items
STOP: To close the application
customer
What would you like to do with customer:
CREATE: To save a new entity into the database
READ: To read an entity from the database
UPDATE: To change an entity already in the database
DELETE: To remove an entity from the database
RETURN: To return to domain selection
read
id:1 first name:jordan surname:harrison
What would you like to do with customer:
CREATE: To save a new entity into the database
READ: To read an entity from the database
UPDATE: To change an entity already in the database
DELETE: To remove an entity from the database
RETURN: To return to domain selection
return
Which entity would you like to use?
CUSTOMER: Information about customers
ITEM: Individual Items
ORDER: Purchases of items
STOP: To close the application
item
What would you like to do with item:
CREATE: To save a new entity into the database
READ: To read an entity from the database
UPDATE: To change an entity already in the database
DELETE: To remove an entity from the database
RETURN: To return to domain selection
read
id:1 first name:baseball Value:20
What would you like to do with item:
CREATE: To save a new entity into the database
READ: To read an entity from the database
UPDATE: To change an entity already in the database
DELETE: To remove an entity from the database
RETURN: To return to domain selection
return
Which entity would you like to use?
CUSTOMER: Information about customers
ITEM: Individual Items
ORDER: Purchases of items
STOP: To close the application
order
What would you like to do with order:
CREATE: To save a new entity into the database
READ: To read an entity from the database
UPDATE: To change an entity already in the database
DELETE: To remove an entity from the database
RETURN: To return to domain selection
create
Please enter a ID
1
Order created
What would you like to do with order:
CREATE: To save a new entity into the database
READ: To read an entity from the database
UPDATE: To change an entity already in the database
```




Sprint Review

What did I complete?

The user can do most of the specification that was asked for plus some extra features like how it is shown on screen to make it easier for the user.

What got left behind?

The adding of multiple of items and there cost to a order. This was mainly due to time and i wanted to make sure the other features were done and tested before i added this.



Sprint Retrospective

What Went well?

The adding of items, customers and orders and storing them into a database that can be used by the client.

What could be improved?

The testing a bit more coverage on what's missing as well as fixing up some of the classes to make them more user friendly.



Conclusion

Overall considering the new technologies i never used before im very happy how the project came out almost had everything i wanted.

For the future if i had more time i really would like to put in multiple items to one order would really make the project as it should be.

Also to get test coverage to 80% industry standard.



Questions?