

The background of the slide is a dark, textured surface, possibly stone or slate. On the right side, there is a large, light-colored wooden square composed of several triangular pieces, resembling a tangram. To its left, a smaller, solid reddish-brown triangle is positioned. The title text is centered over these elements.

IMS PRESENTATION

DAVID ALGIE

Introduction

- Approach
- Set up/Planning
- Documentation
- Development
- Testing
- Personal Learning

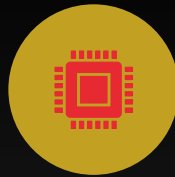
Technologies

- Java
- SQL
- Junit
- Maven
- Jira
- GitHub/bash

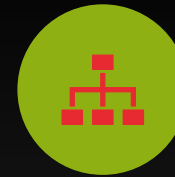
Version Control



- GitHub was used to control versions and track progress



- Completed work was pushed to features and then merged into the dev branch









- Once the project was complete it was all merged into main.



Unit Testing

- Tested all implemented Features
- Ensure tests passed and gained as much coverage as possible

Element	Coverage	Covered Instructions	Missed Instructions	Total Instructions
▼ IMS-Starter-David-Algie	 74.3 %	2,929	1,013	3,942
> src/main/java	 62.5 %	1,584	951	2,535
▼ src/test/java	 95.6 %	1,345	62	1,407
> com.qa.ims.persistence.dao	 87.7 %	408	57	465
> com.qa.ims.persistence.domain	 98.6 %	363	5	368
> com.qa.ims.controllers	 100.0 %	574	0	574

User Stories

Add epic / IS-4

View all customers within the IMS system.

Attach Add a child issue Link issue

Description

Normal text B I ... A ...

As a developer, I want to be able to view all my customers contained within the IMS system.

Save Cancel

Activity

Show: All Comments History

DA Add a comment...

Pro tip: press M to comment

Done Done

Details

Priority Medium

Assignee Unassigned

Labels None

Sprint Inventory Management System

Story point estimate 20

Reporter DA David Algie

Created 6 days ago Updated 3 days ago Resolved 3 days ago

Configure

Add epic / IS-1

Create an ERD that illustrates the proposed IMS systems entities and the relationships between those entities.

Attach Add a child issue Link issue

Description

Normal text B I ... A ...

As a developer, I want to create and ERD that provides and insight to the relationships of my tables and how they connect.

Save Cancel

Activity

Show: All Comments History

DA Add a comment...

Pro tip: press M to comment

Done Done

Details

Priority Medium

Assignee Unassigned

Labels None

Sprint Inventory Management System

Story point estimate 5

Reporter DA David Algie

Created 6 days ago Updated 6 days ago Resolved 6 days ago

Configure

User Stories Continued

Projects / IMS System

Inventory Management System

To develop an Inventory Management System that has the capability to hold a Customer, Items and Orders. The proposed systems need to be capable of having an end user interact with it via a Command-Line Interface (CLI).

Q DA +

TO DO 8 ISSUES	IN PROGRESS 3 ISSUES	DONE 5 ISSUES ✓
Create and Delete an order within the IMS system. IS-9	View all items in the IMS system. IS-7	Create an ERD that illustrates the proposed IMS systems entities and the relationships between those entities. IS-1 ✓ 5
View all created orders within the system. IS-10	Update an item in the system. IS-8	View all customers within the IMS system. IS-4 ✓ 20
Add an item to an Order. IS-11	Add and Delete item to the system. IS-6	Delete a customer from the system. IS-5 ✓ 20
Calculate the cost of an Order. IS-12		Add a customer to the system. IS-3 ✓ 20
Within an Order provide the capability to have a Customer and an Item within it. IS-13		Develop the tables based upon the ERD (Customers, Items, Orders and Orders_Items). IS-2 ✓ 10
Test Customer, Order and Item Java syntax using JUnit. IS-14		

Sprint Review

- Managed to completed most of the system such as Orders, Items and Customers.
- Unfortunately had errors and due to knowledge gap and time failed to complete.

Sprint Retrospective

- Considering how long I've been doing Java it went well and I enjoyed learning it
- Consider getting more help and absorb as much knowledge as possible due to set backs.

Conclusion

- I consider this project a partial success
- I was capable of many things I didn't think I could achieve
- Moving forward I wish to be more knowledgeable on Java and push myself to learn more and more

Thank you!

- Any Questions?