Inventory Management Systems: Showcasing Fundamental Knowledge

Project by Mr. Nikita Dean

Approach & Journey

- First real project involving Java or really any code

- Skimming over project specification

- Devoted time into my strengths

- I have used:
    - Git and GitHub
    - Jira
    - MySQL and H2
    - Java and JUnit

Continuous Integration

- Using Git

- Maven

- Self-Testing

- Simple back-end source code

- GitHub repository

Testing

- The overall functionality of the database was tested to ensure that items could indeed be added to a database, they could be viewed, updated, and deleted as necessary

- Specifically the relationship between orders and item tables were tested, as the external many-one-many table was necessary in ensuring the database functioned as expected

Demonstration of User Story

- As a customer, I need to be able to view item details, so that I can make an order with all necessary information

Review & Retrospective

- Should definitely have reached out more - not just to my fellow course/teammates, but also to the instructors
- Managed to build the database on a basic level, but a higher level of functionality and coverage was sacrificed
  - Partially due to my own way of thinking, but also partially due to the fact that I still do not feel as comfortable with coding as I perhaps could
- Also solely focused on attempting to get a functioning product made, as opposed to improving on the methods taught towards the latter part of the training
  - Would definitely strive to master these fundamental concepts, so much so that they became second nature and I could then focus on tackling the more advanced concepts, such as lambda and loggers

Questions?